

TREASURY DEPARTMENT
UNITED STATES PUBLIC HEALTH SERVICE

HYGIENIC LABORATORY—BULLETIN No. 114

June, 1920

INDEX-CATALOGUE
OF
MEDICAL AND VETERINARY ZOOLOGY

SUBJECTS: ROUNDWORMS
(Nematoda, Gordiacea, and Acanthocephali) and
the Diseases they cause

BY

CH. WARDELL STILES
and
ALBERT HASSALL



WASHINGTON
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INDEX-CATALOGUE
OF
MEDICAL AND VETERINARY ZOOLOGY.

SUBJECTS: ROUNDWORMS (NEMATODA, GORDIACEA, AND ACANTHO-
CEPHALI) AND THE DISEASES THEY CAUSE.

By CH. WARDELL STILES, Ph. D.,
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Collaborators: G. J. Barnes; A. S. Callaway; D. A. Mack, B. A.; B. H. Ransom,
Ph. D.; K. D. Wright, B. A.

INTRODUCTION.

The Index-Catalogue of Medical and Veterinary Zoology represents the combined card catalogues of the Zoological Division of the United States Bureau of Animal Industry and of the Division of Zoology, Hygienic Laboratory, United States Public Health Service. These catalogues are arranged in three sections: Authors, Subjects, and Hosts.

OBJECT OF INDEX-CATALOGUE.—The object in publishing the catalogue is to place it in permanent form. There have been four fires in the two laboratory buildings, but fortunately none of these gained headway. Were either building to be destroyed, and any part of the catalogue to be lost, the inconvenience such loss would entail in the regular work would be very extensive. By having the catalogue in printed form it is made more accessible and safe-guarded against accident. By placing it at the disposal of other workers it is hoped to render their work less arduous, and especially is it desired to reduce the confusion in nomenclature.

SUGGESTIONS FOR USING THE INDEX.—It should be recalled that this is an index, not a treatise. Persons who consult it should therefore not expect to find in it the reason for any given entry. The entry of the synonymy in any given case does not mean that this synonymy is necessarily correct: it is simply quoting published synonymy. The same statement refers to the hosts cited.

In looking up the literature of any given species, the reader should consult the cross reference (pp. 37 to 172) for the various genera under which the species has been published and the synonyms given in the general entries. By looking up these references in the general catalogue (pp. 173 to 882) all, or practically all, the references to the species are obtained.

SUGGESTIONS FOR PUBLISHING NEW NAMES.—In indexing literature, one is impressed with the differences in arrangement of the material as published by different authors. Some writers arrange the systematic portions of their papers in such a manner that it is an easy matter to obtain the important data. Other authors are less careful in this respect, and their material is arranged, in some cases, in a style which almost defies indexing.

As a very convenient style we would suggest the following diagrams:

Genus ASCARIS Linnæus, 1758.

1758: *Ascaris* Linn., 1758a, 644 (*lumbricoides* [give here either the type species or all the species in the order given by the author]). [Give origin of the name, if desired.]

[Give here the synonymy in the same style as foregoing entry.]

GENERIC DIAGNOSIS.—*Ascaridæ*, *Ascarinæ* [it is always very useful to give the name of the family and subfamily]: [Here give the generic diagnosis].

TYPE SPECIES.—[If type has not been designated, state why the species in question is now selected; as by first species rule, tautonymy, elimination, etc.]

Species ASCARIS LUMBRICOIDES Linnæus, 1758.

1758: *Ascaris lumbricoides* Linn., 1758a, 648 [add here type host and type locality].

[Add synonymy here, in same style as foregoing entry.]

SPECIFIC DIAGNOSIS.—*Ascaris* (p. —) [give page where generic diagnosis is printed]: [Add here specific diagnosis.]

HABITAT.—[Give hosts and geographic distribution here.]

TYPE SPECIMEN.—[Give museum number of type specimen.]

A list of hosts, together with the parasites found in them, is an exceedingly useful adjunct to any paper dealing with parasites. Several authors have published such lists, but most authors fail to do so. If the plan of giving a compendium of hosts with every paper were more generally adopted, the papers would be very much more valuable. In indexing the hosts, especially in papers by certain authors, we have met with considerable difficulty, for it is often necessary to read carefully an entire article in order to avoid overlooking the hosts. And even then it is, unfortunately, not exceptional that the reader can not be certain that he is indexing correctly.

DIFFICULTIES IN REFERENCES.—In preparing this series of subject catalogues, certain special difficulties have been encountered which may well be brought to the attention of authors.

Marking new genera and new species.—Many authors publish new names without marking them as new. Accordingly, it is frequently

difficult for the reader to know whether or not he is dealing with the original reference.

Dating new genera and new species.—Not infrequently authors mark as “new genus” or “new species” one and the same name published at widely different dates. Instances are not rare that an author has published one and the same species as “new” in two or three or more papers that were published at different periods one to five years apart. This system necessarily results in confusion in nomenclature.

Transfer of species.—It is a very common practice to transfer a species from one genus to another without giving the name of the original genus or the date of the species. This custom produces considerable confusion in nomenclature, since it occasionally happens that the specific name in question has been used for one or more species by the same author in different genera.

ABBREVIATIONS.

As a general rule we do not favor the use of abbreviations. In a work of this kind, however, in which certain names are repeated from 50 to 2,000 times, the use of abbreviations becomes necessary in order to reduce both the bulk and the expense. The following lists contain most of the abbreviations adopted in this bulletin.

GENERIC AND SPECIFIC NAMES.

- Asc.* or *-asc.* for *Ascaris* or names ending in *-ascaris*.
- b.* for names ending in *-bothrium*.
- c.* for names ending in *-cephalus*, *-cephala*, or *-cephalum*.
- cab.* for *caballus*.
- Cap.* for *Capillaria*.
- Chord.* or *-chord.* for *Chordodes* or names ending in *-chordodes*.
- com.* for *communis*.
- Disph.* for *Dispharagus*.
- Doch.* for *Dochmius*.
- dom.* for *domesticus*.
- escul.* for *esculentus*.
- fam.* for *familiaris*.
- Fil.* or *-fil.* for *Filaria* or names ending in *-filaria*.
- Fus.* for *Fusaria*.
- Gord.* or *-gord.* for *Gordius* or names ending in *-gordius*.
- Het.* for *Heteracis* or *Heterakis*.
- phth.* for names ending in *-phthalmus*.
- pt.* for names ending in *-ptera*.
- r.* for names ending in *-rhynchus*.
- st.* for names ending in *-stomus*, *-stoma*, or *-stomum*.
- Str.* or *-str.* for *Strongylus* or names ending in *-strongylus*.
- temp.* for *temporaria*.
- Unc.* for *Uncinaria*.
- vulg.* for *vulgaris*.

In case a name is repeated in a given paragraph, it is usually abbreviated to its initial letter after it has been printed once.

AUTHORS' NAMES.

For a very extensive list of abbreviations of names of zoologists, the reader is referred to R. Blanchard's (1890) *Liste des abréviations conventionnelles des noms d'auteurs adoptée par le Congrès International de Zoologie* (Compte-rendu des séances du Congrès International de Zoologie, pp. 486-508; reprint, pp. 35-57).

- | | |
|--|---|
| Abildg. for Abildgaard. | Dead. for Deaderick. |
| A. Ag. for Alexander Agassiz. | Deg. for Degeer. |
| L. Ag. for Louis Agassiz. | Deslgch. for Deslongchamps. |
| Aless. for Alessandrini. | Desm. for Desmarest. |
| A. & G. for Ashford & Gutierrez. | Dies. for Diesing. |
| A. & K. for Ashford & King. | Dobs. for Dobson. |
| A., K., & G. for Ashford, King, & Gutierrez. | Duf. for Dufour. |
| Aud. for Audouin. | Dug. for Dugès. |
| Aur. for Aurivillius. | Duj. for Dujardin. |
| Bail. for Baillet. | Dum. for Duméril. |
| Barbag. for Barbagallo. | Dungl. for Dunglison. |
| Barth. for Barthélemy. | D., T., & C. for Dutton, Todd, & Christy. |
| Bast. for Bastian. | Edelm. for Edelman. |
| Beauch. for Beauchamp. | Ehl. for Ehlers. |
| Bellingh. for Bellingham. | Ehrenb. for Ehrenberg. |
| Ben. for van Beneden. | Eichw. for Eichwald. |
| Bidd. for Bidder. | Erc. for Ercolani. |
| Blainv. for de Blainville. | Eschr. for Eschricht. |
| E. Bl. for E. Blanchard. | Fabr. for Fabricius. |
| R. Bl. for R. Blanchard. | F., S., & T. for Fantham, Stephens, & Theobald. |
| Blgr. for Boulenger. | Fedtsch. for Fedtschenko. |
| Blochm. for Blochmann. | Fisch. for Fischer. |
| Blumenb. for Blumenbach. | Fisch. Waldh. for Fischer von Waldheim. |
| Bonis for de Bonis. | Fourm. for Fourment. |
| Bory for Bory de St. Vincent. | Fraip. for Fraipont. |
| Brand. for Brandes. | Frauenf. for Frauenfeld. |
| Brems. for Bremser. | Frœl. for Frœlich seu Frölich. |
| Brug. for Bruguière. | Froment. for de Fromentel. |
| Büetsch. for Büetschli seu Bütschli. | Fuhrm. for Fuhrmann. |
| Burm. for Burmeister. | Gærtn. for Gärtner. |
| Caland. for Calandruccio. | Galli-Val. for Galli-Valerio. |
| Cam. for Camerano. | Gerst. for Gerstæcker. |
| Campb. & Lacr. for Campbell & Lacroix. | Gerv. for Gervais. |
| Casagr. for Casagrandi. | Gieb. for Giebel. |
| Cast. & Chalm. for Castellani & Chalmers. | Gmel. for Gmelin. |
| Cerf. for Cerfontaine. | Goldb. for Goldberg. |
| Chiaje for delle Chiaje. | Goldf. for Goldfuss. |
| Cienk. for Cienkowski. | Gomez for Gomez de Faria. |
| Clap. for Claparède. | Güenth. for Güenther. |
| Cloq. for Cloquet. | Guér. for Guérin-Méneville. |
| Cond.-Franc. for Condorelli-Francaviglia. | Gutierrez for Gutierrez Igaravidez. |
| Crep. for Creplin. | G., K., & A. for Gutierrez, King, & Ashford. |
| Criv. for Balsamo-Crivelli. | Haan for van Breda de Haan. |
| Cuv. for Cuvier. | Hæck. for Hæckel. |
| Dav. for Davaine. | Hamm. for Hammerschmidt. |
| | Hartm. for Hartmann. |

Hass. for Hassall.
Hausm. for Hausmann.
Hempelm. for Hempelmann.
Hempr. for Hemprich.
Herm. for Hermann.
Hoffm. for Hoffmann.
Hofmæn. for Hofmänner.
Hüebn. for Hüebner.
Hubr. for Hubrecht.
Humb. for Humboldt.
Hut. & Mar. for Hutyra & Marek.
Jægers. for Jægerskiöld.
Johns. for Johnson.
Johnst. for Johnston.
Kholodk. for Kholodkovski.
Køell. for Køelliker.
Kowal. for Kowalewski.
Krøyy. for Krøyer.
Küech. for Küechenmeister.
Lab. for Laboulbène.
Lachm. for Lachmann.
Lam. for Lamarck.
Lamb. for Lambert.
Lamour. for Lamouroux.
Land. for Landois.
Latr. for Latreille.
Leuck. for Leuckart.
Levin. for Levinson.
Leyd. for Leydig.
Lichtenst. for Lichtenstein.
Lieberk. for Lieberküehn.
Linn. for Linnæus.
Linst. for Linstow.
Lint. for Linton.
Loennb. for Loennberg.
Ludw. for Ludwig.
Magal. for Magalhães.
Man for de Man.
Mans. for Manson.
Mar. for Marion.
Marenz. for Marenzeller.
Mégn. for Mégnin.
Mehl. for Mehlis.
Menz. for Menzel.
Metchn. for Metchnikov.
Micol. for Micoletzky.
Miesch. for Miescher.
Mol. for Molin.
Mont. for Monticelli.
Montg. for Montgomery.
Moq.-Tand. for Moquin-Tandon.
Mordw. for Mordwilko.
Moul. for Moulinié.
Müeh. for Müehling.

Müell. for Müller.
Muls. for Mulsant.
N., C., & T. for Neiva, Cunha, & Travassos.
Neum. for Neumann.
Nev.-Lem. for Neveu-Lemaire.
Nordm. for Nordmann.
Nutt. for Nuttall.
Odh. for Odhner.
Olss. for Olsson.
Pag. for Pagenstecher.
Pall. for Pallas.
Par. for Parona.
Perronc. for Perroncito.
Per. for Perugia.
Rail. for Railliet.
R., H., & B. for Railliet, Henry, & Bauche.
R., H., & J. for Railliet, Henry, & Joyeux.
R., H., & L. for Railliet, Henry, & Langeron.
R., H., & S. for Railliet, Henry, & Sisoff.
Raf. for Rafinesque.
Rans. for Ransom.
Reinh. for Reinhardt.
Retz. for Retzius.
Riggenb. for Riggenbach.
Rollest. for Rolleston.
Rud. for Rudolphi.
St.-Joseph for Saint-Joseph.
St. Remy for Saint Remy.
Sav. for Savigny.
Schep. for Schepotieff.
Schill. for Schilling.
Schill.-Torgau for Schilling-Torgau.
Schmassm. for Schmassmann.
Schneidem. for Schneidemühl.
Schneid. for Schneider.
Schopf spelled out.
Schränk spelled out.
Scop. for Scopoli.
Scudd. for Scudder.
Seur. for Seurat.
Sieb. for Siebold.
Sis. for Sisoff, Sizov, or Sisov.
Skrj. for Skrjabin.
Sl. for Sluiter.
Sons. for Sonsino.
Stev. for Stevenson.
Stoss. for Stossich.
Sw. for Swellengrebel.
S., F., & W. for Smith, Fox, & White.

Tasch. for Taschenberg.
 Thomps. for Thompson.
 Thoms. for Thomson.
 Trav. for Travassos.
 Val. for Valenciennes.
 Vaull. for Vaullegeard.
 Vejd. for Vejdovsky.
 Wagn. for Wagner.
 Will.-Suhm for Willemoes-Suhm.

Williamson spelled out.
 Weinl. for Weinland.
 W., L., & R. for Weinberg, Leger, &
 Romanovitch.
 Wolffh. for Wolffhüegel.
 Zach. for Zacharias.
 Zed. for Zeder.
 Zsch. for Zschokke.

NAMES OF JOURNALS, ETC.

A list of short abbreviations of journals is given herewith to aid in tracing papers not included in the Authors' Catalogue. It has been found necessary to include the names of a few periodicals which are cited by various authors, but which we have not yet been able to verify; possibly some of these are erroneous quotations and others may be subtitles.

ABBREVIATIONS OF PERIODICALS, JOURNALS, ETC.

A.....Amtsarzt. Leipzig und Wien.
 AA.....Anatomischer Anzeiger. Jena.
 AAA.....Annali della reale Accademia d'Agricoltura di Torino. Torino.
 AAm.....Archives d'Anatomie microscopique. Paris.
 AaN.....Archiv für animalische Nahrungsmittelkunde. Wiesbaden.
 AAPwM.....Archiv für Anatomie, Physiologie und wissenschaftliche Medicin.
 Leipzig.
 AASfm.....Atti della r. Accademia delle Scienze fisiche e matematiche.
 Napoli.
 AB.....Archives de Biologie. Liège and Paris.
 AB Milan.....Archivio di Biologia. Milano.
 AbAB.....Arbeiten aus der biologischen Anstalt zu Berlin. Berlin.
 ABi.....Annales de Biologie lacustre. Bruxelles.
 AbM.....Archivos brasileiros de Medicina. Rio de Janeiro.
 ABnp.....See SAB.
 ACpi.....Atti del Congresso pellagrico italiano. Udine.
 AD.....Arch. Diagn. New York.
 AdH.....Archiv der Heilkunde. Leipzig.
 Adl'IP.....Annales de l'Institut Pasteur. Paris.
 AdP.....Archives de Parasitologie. Paris.
 AE.....American Entomologist. St. Louis.
 AEB.....American Entomologist and Botanist. St. Louis.
 AEO.....Archiv für Entwicklungsmechanik der Organismen. Leipzig.
 AePP.....Archiv für experimentelle Pathologie und Pharmakologie.
 Leipzig.
 Aerztl. Int. Bl.....Aerztliches Intelligenz-Blatt. München.
 AF.....Archivio di Fisiologia. Firenze.
 AfA.....Archiv für Augenheilkunde. Wiesbaden.
 AfAS.....Association Française pour l'Avancement des Sciences. Paris.
 AFJZ.....Allgemeine Forst- und Jagd-Zeitung. Frankfurt am Main.
 AfV.....Archiv für Verdauungskrankheiten, mit Einschluss der Stoff-
 wechsellpathologie und der Diätetik. Berlin.
 AC.....Agricultural Gazette of New South Wales. Sydney.
 AgC.....Archives générales de Chirurgie.
 AgM.....Archives générales de Médecine. Paris.

- AgP.....Archiv für die gesammte Physiologie des Menschen und der
Thiere. Bonn.
- AH.....Acta Helvetica physico-mathematico-botanico-medica. Basileæ.
- AHMc.....Annales d'Hygiène et de Médecine coloniales. Paris.
- AHP.....Archiv für Hydrobiologie und Planktonkunde. Stuttgart.
- AHPe.....Archivos de Hygiene e Pathologia exoticas. Lisboa.
- AHPMl.....Annales d'Hygiène publique et de Médecine légale. Paris.
- AiB.....Archives italiennes de Biologie. Roma, Torino, Firenze.
- AiC.....Archives internationales de Chirurgie. Gand.
- AiCm.....Archivio italiano di Clinica medica. Milano.
- AiM.....Archives of Internal Medicine. Chicago.
- AiP.....Archives internationales de Physiologie. Liège and Paris.
- AiPT.....Archives internationales de Pharmacodynamie. Gand and Paris.
- AIs.....Annali d'Igiene sperimentale. Roma.
- AISC.....All-India Sanitary Conference. Lucknow.
- AJ.....Agricultural Journal. See also AJCGH.
- AJCGH.....Agricultural Journal of the Cape of Good Hope. Cape Town.
- AJMS.....American Journal of the Medical Sciences. Philadelphia.
- AJO.....American Journal of Ophthalmology. St. Louis.
- AJPH.....American Journal of Public Health. Boston.
- AJRM.....Atlanta Journal-Record of Medicine. Atlanta.
- AJTDPM.....American Journal of Tropical Diseases and Preventive Medicine.
New Orleans.
- AJU.....American Journal of Urology. New York.
- AJUSA.....Agricultural Journal of the Union of South Africa. Pretoria.
- AJVM.....American Journal of Veterinary Medicine. Chicago.
- AK.....Archiv für Kinderheilkunde. Stuttgart.
- AkC.....Archiv für klinische Chirurgie. Berlin.
- A,KCVC.....Alumnus, Kansas City Veterinary College.
- AkG.....Arbeiten aus dem kaiserlichen Gesundheitsamte. Berlin.
- Al.....Állatorvosi lapok. Budapest.
- Ala.MJ.....Alabama Medical Journal. Birmingham, Ala.
- ALAP.....Archivos Latino-Americanos de Pediatria. Buenos Aires.
- AM.....American Medicine. Philadelphia.
- AmA.....Archiv für mikroskopische Anatomie. Bonn.
- AMAdN.....Archives des Maladies de l'Appareil digestif et de la Nutrition.
Paris.
- Amb.....Archives médicales belges. Bruxelles.
- AmC.....See AmCZ.
- AMC.....American Medical Compend. Toledo, O.
- AMCi.....Annales de Médecine et Chirurgie infantiles. Paris.
- AmcP.....Rendiconti della Associazione medico-chirurgica di Parma.
- AMCT.....Australasian Medical Congress. Transactions. Melbourne, Victoria.
- AMCVS.....Archives des Maladies du Cœur, des Vaisseaux et du Sang.
Paris.
- AmCZ.....Allgemeine medicinische Central-Zeitung. Berlin.
- AME.....Archives de Médecine des Enfants. Paris.
- AMeAp.....Archives de Médecine expérimentale et d'Anatomie patho-
logique. Paris.
- AMG.....Australian Medical Gazette. Melbourne and Sydney.
- AMH.....Archives of the Middlesex Hospital. London.
- AMJ.....American Medical Journal. St. Louis.
- AMM.....American (The) Medical Monthly. New York and Baltimore.

- | | | |
|----------------------|--|-----------------------------|
| AMMJ..... | American Monthly Microscopical Journal. | Washington, D. C. |
| AMn..... | Archives de Médecine navale. | Paris. |
| AMn Roma..... | Annali di Medicina navale. | Roma. |
| AMnc..... | Annali di Medicina navale e coloniale. | Roma. |
| AMNH..... | Annals and Magazine of Natural History. | London. |
| AMPm..... | Archives de Médecine et de Pharmacie militaires | Paris. |
| AMPn..... | Arch. de Méd., et Pharm. navales. | |
| Amtsbl. d. k. R..... | Amtsblatt des k. Regierungsbezirks zu—. | |
| AMv..... | Annales de Médecine vétérinaire. | Bruxelles. |
| AMzNap..... | Annuario del Museo zoologico della r. Università di Napoli. | |
| AMz Petrograd..... | Annuaire du Musée zoologique de l'Académie Impériale des Sciences. | |
| AN..... | Archiv für Naturgeschichte. | Berlin. |
| A & N..... | Alienist and Neurologist. | St. Louis. |
| ANV..... | Arbeiten des Naturforscher-Vereins zu Riga. | |
| AnV Bremen..... | Abhandlungen naturforschenden Vereins zu Bremen. | |
| AO..... | Annali di Ottalmologia. | Pavia. |
| AP..... | Archives of Pediatrics. | New York. |
| ApAP..... | Archiv für pathologische Anatomie und Physiologie und für klinische Medicin (Virchow's). | Berlin. |
| APHA..... | American Public Health Association. Reports and papers. | Cambridge. |
| APN..... | American Practitioner and News. | Louisville, Ky. |
| APnp..... | Archives de Physiologie normale et pathologique. | Paris. |
| ArAAT..... | See AAA. | |
| ArA Lincei..... | Atti della reale Accademia dei Lincei. | Roma. |
| ArAM..... | Anales de la real Academia de Medicina. | Madrid. |
| ArAS..... | Atti della reale Accademia delle Scienze di Torino. | |
| ARSBHM..... | Annual Report of the State Board of Health of Massachusetts. | Boston. |
| AS..... | Annals of Surgery. | St. Louis and Philadelphia. |
| ASB..... | American Sheep Breeder. | Chicago. |
| ASG..... | Agricultural Students' Gazette. | Cirencester. |
| ASL Bordeaux..... | Actes de la Société Linnéenne de Bordeaux. | |
| ASISn..... | Atti della Società ligustica di Scienze naturali e geografiche. | Genova. |
| ASm..... | Archivio per le Scienze mediche. | Torino. |
| ASmc..... | Annales de la Société médico-chirurgicale de Liège. | |
| ASmcA..... | Annales de la Société médico-chirurgicale d'Anvers. | |
| ASMG..... | Annales de la Société de Médecine de Gand. | |
| ASn..... | Annales des Sciences naturelles, etc. | Paris. |
| ASpn..... | Archives des Sciences physiques et naturelles. | Genève. |
| AsrSAvi..... | Archivio scientifico delle reale Società ed Accademia veterinaria italiana. | Torino. |
| ASrzm..... | Annales de la Société royale, zoologique et malacologique. | Bruxelles. |
| ASs..... | Annales de la Société scientifique de Bruxelles. | |
| ASsC..... | Actes de la Société scientifique du Chili. | Santiago. |
| AST..... | Archiv für Schiffs- und Tropen-Hygiene. | Cassel. |
| ASTM..... | American Society of Tropical Medicine. | |
| ASZ..... | Aerztliche Sachverständigen-Zeitung. | Berlin. |
| ATMH..... | Annals of Tropical Medicine and Hygiene. | London. |
| ATMP..... | Annals of Tropical Medicine and Parasitology. | Liverpool. |
| AUL..... | Annales de l'Université de Lyon. | Lyon and Paris. |

- Av.....Arhiva veterinară. Bucharest.
AVFN.....Archiv des Vereins der Freunde der Naturgeschichte in Mecklenburg.
Avn.....Archiv veterinarnich nauk, etc. Petrograd.
AVR.....American Veterinary Review. New York.
AWmZ.....Allgemeine Wiener medizinische Zeitung. Wien.
AwpT.....Archiv für wissenschaftliche und praktische Thierheilkunde. Berlin.
AZ.....Archiv für Zellforschung. Leipzig.
Az.....Archivio zoologico. Napoli.
AZe.....See AZeg.
AZeg.....Archives de Zoologie expérimentale et générale. Paris.
AzIW.....Arbeiten aus dem zoologischen Institute der Universität Wien und der zoologischen Station in Triest. Wien.
B....."Biologica." Torino.
BAE.....British Antarctic Expedition.
BAiS.....Bulletin de l'Académie impériale des Sciences de Péetrograd.
BAM.....Bulletin de l'Académie de Médecine. Paris.
BAmPR.....Boletín de la Asociación médica de Puerto Rico. San Juan, P. R.
BaRM.....Bulletin de l'Académie royale de Médecine de Belgique. Bruxelles.
BATK.....Blätter für Aquarien- und Terrarienkunde. Stuttgart.
BB.....Biological Bulletin. Boston.
BC.....Biologisches Centralblatt. Erlangen und Leipzig.
BCD, CSBH.....Bureau of Communicable Diseases. California State Board of Health.
BdC.....Bolletino delle Cliniche. Milano.
BF.....Bulletin of the U. S. Fish Commission. Washington, D. C.
BfL.....Bibliothek for Læger. Kjøbenhavn.
BFSBH.....Bulletin of the State Board of Health of Florida. Jacksonville.
BfZ.....Blätter für Zuckerrübenbau. Berlin.
BG.....Breeder's Gazette. Chicago.
BGMA.....British Guiana Medical Annual and Hospital Reports. Demerara.
BiAS.....Bulletin international de l'Académie des Sciences de Cracovie.
BinI.....Boletín del Instituto nacional de Igiene. Madrid.
BIP.....Bulletin de l'Institut Pasteur. Paris.
BJHH.....Bulletin of Johns Hopkins Hospital. Baltimore.
BkC.....Beiträge zur klinischen Chirurgie. Tübingen.
BkW.....Berliner klinische Wochenschrift. Berlin.
Bl. f. Gsndhtspf.Blätter für Gesundheitspflege. Zürich.
BLH.....Bulletin of the Lying-in Hospital. New York.
BLNH.....Bulletin of the Laboratory of Natural History, State University. Iowa City.
Bm.....Brazil-medico. Rio de Janeiro.
BmA.....Bulletin médical de l'Algérie. Alger.
BMHn.....Bulletin du Muséum d'Histoire naturelle. Paris.
BMJ.....British Medical Journal. London.
BMMS.....Bulletin Manila Medical Society. Manila.
BMP.....See BMHn.
BMPST.....See TMPST.
BMSa.....Bulletins et Mémoires de la Société anatomique de Paris.
BMSCP.....Bulletins et Mémoires de la Société de Chirurgie de Paris.

- BMSJ.....Boston Medical and Surgical Journal. Boston.
 BMSMCp.....Bulletins et Mémoires de la Société de Médecine et de Chirurgie
 pratiques de Paris.
 BMSmH.....Bulletins et Mémoires de la Société médicale des Hôpitaux de
 Paris.
 BMZAc.....Bollettino dei Musei di Zoologia e Anatomia comparata della
 reale Università di Genova.
 BNCBH.....Bulletin of the North Carolina Board of Health. Raleigh.
 BNCP.....History & Proceedings of the Berwickshire Naturalists' Club.
 Alnwick.
 BNCsBA.....Bulletin of the North Carolina State Board of Agriculture.
 Raleigh.
 BNT.....Bulletin of the Northern Territory. Melbourne.
 BoGNH.....Berichte der oberhessischen Gesellschaft für Natur- und Heil-
 kunde. Giessen.
 BOiHp.....Bulletin de l'Office internationale d'Hygiène publique. Paris.
 BpAaP.....Beiträge zur pathologischen Anatomie und zur allgemeinen
 Pathologie. Jena.
 BRSBHC.....Biennial Report of the State Board of Health of California.
 Sacramento.
 BRSBHT.....Biennial Report of the State Board of Health of Tennessee.
 Nashville.
 Bs.....Bulletin scientifique de la France et de la Belgique. Paris.
 BSa.....Bulletins de la Société anatomique de Paris.
 BSBHK.....Bulletin of the State Board of Health of Kentucky. Frankfort.
 BSBHT.....Bulletin of the State Board of Health of Tennessee. Nashville.
 BSCAES.....Bulletin of the South Carolina Agricultural Experiment Station.
 Columbia.
 BScMv.....Bulletin de la Société centrale de Médecine vétérinaire. Paris.
 BSeIn.....Boletín de la Sociedad española de Historia natural. Madrid.
 BSei.....Bollettino della Società entomologica italiana. Firenze.
 BSHnA.....Bulletin de la Société d'Histoire naturelle de l'Afrique du
 Nord. Alger.
 BSiN.....Bulletin de la Société impériale des Naturalistes de Moscou.
 BSLO.....Bollettino della Società Lancisiana degli Ospedali di Roma.
 BSM.....Bulletin de la Société de Médecine. Lausanne.
 BSmB.....Bollettino delle Scienze mediche, di Bologna.
 BSmcIC.....Bulletin de la Société médico-chirurgicale de l'Indo-Chine.
 Hanoi, Haiphong.
 BSmcP.....Bollettino della Società medico-chirurgica di Pavia. Milano.
 BSmH.....Bulletin de la Société médicale des Hôpitaux de Lyon.
 BSMmf.....Bulletin de la Société de Médecine militaire française. Paris.
 BSmP.....Bollettino della Società medica di Parma.
 BSN.....Bollettino della Società di Naturalisti in Napoli.
 BSnA.....Bulletin de la Société nationale d'Acclimatation de France.
 Paris.
 B.Soc.Med.Imp....Boston Society for Medical Improvement.
 BSp.....Bulletin des Sciences pharmacologiques. Paris.
 BSPe.....Bulletin de la Société de Pathologie exotique. Paris.
 BSpP.....Bulletin de la Société philomatique de Paris. Paris.
 BSRsz.....Bollettino della Società romana per gli Studi zoologici. Roma.
 BSRzmB.....See ASrzm.
 BSSbM.....Bulletin des Séances de la Société belge de Microscopie. Bru-
 xelles.

- BSsm.....Bulletin de la Société scientifique et médicale de l'Ouest.
 Rennes.
 BSSv.....Bulletin de la Société de la Science vétérinaire de Lyon.
 BSvSn.....Bulletin de la Société vaudoise des Sciences naturelles. Lau-
 sanne.
 BSzF.....Bulletin de la Société zoologique de France. Paris.
 BSzi.....Bollettino della Società zoologica italiana. Roma.
 BtdD.....Bijdragen tot de Dierkunde, etc. Leiden.
 BtW.....Berliner thierärztliche Wochenschrift. Berlin.
 BTs.....Biochemica e Terapia sperimentale.
 BU.....Biologische Untersuchungen. Stockholm.
 Buffalo MSJ.....Buffalo Medical and Surgical Journal. Buffalo.
 BVImKP.....Bericht über das Veterinär-Institut mit Klinik und Poliklinik
 bei der Universität. Leipzig.
 BVK Sachs.....Bericht über den Veterinärwesen im Königreich Sachsen.
 Dresden.
 BVsGW.....Berichte über die Verhandlungen der königlichen sächsischen
 Gesellschaft der Wissenschaften. Leipzig.
 CaeB.....Centralblatt für allgemeine und experimentelle Biologie. Leip-
 zig.
 Cat. RCSL.....Catalogue of the Royal College of Surgeons in London.
 CBaäVT.....Correspondenz-Blätter des allgemeinen ärztlichen Vereins von
 Thüringen. Weimar.
 CBäKBVK Sachs...Correspondenz-Blatt der aerztlichen Kreis- und Bezirks-Vereine
 im Königreich Sachsen. Leipzig.
 CCm.....Cronaca della Clinica medica di Genova.
 CfB.....Centralblatt für Bacteriologie und Parasitenkunde. Jena.
 CfP.....Centralblatt für Physiologie. Leipzig und Wien.
 CGMC.....Centralblatt für die Grenzgebiete der Medizin und Chirurgie.
 Jena.
 CgP.....Centralblatt für die gesammte Physiologie. See (?) also CPPS.
 CIK.....Chinsei Iho Kumamoto. Chinsei, Japan.
 CiMP.....Congr. intern. Med. Pediatr.
 CIS.....Chiugai Iji Shinpo. Tokio.
 CJ.....Clinical Journal. London.
 CL.....Country Life. Cambridge, Eng.
 Clc.....Časopis lékařův českých. Prazé.
 Clín. Mal.....La Clínica de Málaga. Malaga.
 Clin. vet.....Clinica (La) veterinaria. Milano.
 Cm.....Correspondant (Le) médical. Paris.
 CME.....Chicago Medical Examiner. Chicago.
 CmF.....Congrès médical de France. Paris.
 Cmi.....Clinica medica italiana. Milano.
 CMJ.....Charlotte Medical Journal. Charlotte, N. C.
 CMMJ.....China Medical Missionary Journal. Shanghai.
 Cmp.....Centre (Le) médical et pharmaceutique. Gannat, France.
 CmQH.....Crónica médico-quirúrgica de la Habana. Habana, Cuba.
 CMT.....Chicago Medical Times. Chicago.
 CmW.....Centralblatt für die medicinischen Wissenschaften. Berlin.
 Co.....Clinica (La) ostetrica. Roma.
 CPA.....Centralblatt für allgemeine Pathologie und pathologische
 Anatomie. Jena.
 CPLIPM.....Collected Papers of the Lister Institute of Preventive Medicine.
 London.

- CPM.....Catalogue of the Pathological Museum. Cairo.
- CPPS.....Centralblatt für die gesammten Physiologie und Pathologie des Stoffwechsels. Berlin und Wien.
- CrAA.....Comptes rendus de l'Association des Anatomistes. Paris & Nancy.
- CrAS.....Comptes rendus hebdomadaires des Séances de l'Académie des Sciences. Paris.
- Cron.med.....Crónica (La) médica. Lima, Peru.
- CrSB.....Comptes rendus des Séances et Mémoires de la Société de Biologie. Paris.
- CrSmHt.....Comptes rendus de la Société médicale et de l'Hygiène tropicale.
- Cs.....Corriere sanitario. Milano.
- CSA.....Correspondenz-Blatt für Schweizer Aerzte. Basel.
- CsHp.....Conseil supérieur d'Hygiène publique. Bruxelles.
- CSJM.....California State Journal of Medicine. San Francisco.
- CSV.....Centralblatt für Stoffwechsel- und Verdauungs-Krankheiten. Göttingen.
- Cv.....Clinica veterinaria. Milano.
- CyL.....Clinica y Laboratorio, revista quincenal de especialidades médicas. Zaragoza.
- CZ.....Chirio Zaashi. Tokyo.
- CZaeB.....Centralblatt für Zoologie, allgemeine und experimentelle Biologie Leipzig & Berlin.
- DAkM.....Deutsches Archiv für klinische Medicin. Leipzig.
- DFZ.....Deutsche Fleischbeschauer-Zeitung. Berlin.
- DJMS.....Dublin (The) Journal of Medical Science. Dublin.
- DK.....Deutsche Klinik. Berlin & Stuttgart.
- DlP.....Deutsche landwirtschaftliche Presse. Berlin.
- DMCp.....Dictionnaire de Médecine et de Chirurgie pratique. Paris.
- DMJ.....Detroit Medical Journal. Detroit.
- DMP.....Dublin Medical Press. Dublin.
- DMTUMJ.....Denver (The) Medical Times and Utah Medical Journal. Denver.
- DmW.....Deutsche medicinische Wochenschrift. Leipzig und Berlin.
- DMZ.....Deutsche Medizinal-Zeitung. Berlin.
- DpHn.....Dictionnaire pittoresque d'Histoire naturelle. Paris.
- DSVZ.....Deutsche Schlacht- und Viehhof Zeitung. Berlin.
- DtW.....Deutsche tierärztliche Wochenschrift. Karlsruhe und Hannover.
- Dv.....Dizionario veterinario. Torino.
- DVöG.....Deutsche Vierteljahrsschrift für öffentliche Gesundheitspflege. Braunschweig.
- DZ.....Deutsche (Die) Zuckerindustrie. Berlin.
- DZC.....Deutsche Zeitschrift für Chirurgie. Leipzig.
- DZTvP.....Deutsche Zeitschrift für Tiermedecin und vergleichende Pathologie. Leipzig.
- E.....Estudio (El). México.
- EAB.....Expédition Antarctique Belge.
- EaP.....Ergebnisse der allgemeinen Pathologie und pathologischen Anatomie des Menschen und der Tiere. Wiesbaden.
- EFZ.....Ergebnisse und Fortschritte der Zoologie. Jena.
- EJ.....Entomologisches Jahrbuch. Leipzig.
- EMERSM.....See RSMME.
- EMJ.....Edinburgh (The) Medical Journal. Edinburgh.
- EmN.....Echo (L') médical du Nord. Lille.

- EN.....Entomologische Nachrichten. Berlin.
 Encycl.méth.....Encyclopédie méthodique.
 EPRDS.....Economic Proceedings of the Royal Dublin Society. Dublin.
 ESR.....Experiment Station Record. Washington, D. C.
 Ev.....Echo (L') vétérinaire. Liège.
 EVR.....Edinburgh Veterinary Review. Edinburgh.
 EWmW.....Encyclopädisches Wörterbuch der medicinischen Wissenschaften.
 Berlin.
 EZ.....Entomologische Zeitung. Stettin.
 F.....Fracastoro. Verona.
 Fh.....Folia haematologica. Berlin.
 FH.....Festschrift zum sechzigsten Geburtstag Richard Hertwigs. Jena.
 FHN.....Florida Health Notes. Jacksonville.
 FLsH.....Finska Läkare-sällskapets Handlingar. Helsingfors, Finland.
 FM.....Fortschritte der Medicin. Berlin.
 Fr.méd.....France (La) médicale. Paris.
 Fs.....Folia serologica. Leipzig.
 FVH.....Fortschritte der Veterinär-Hygiene. Berlin.
 FZP.....Frankfurter Zeitschrift für Pathologie. Wiesbaden.
 G.....Gyógyászat. Budapest.
 GC'.....Geneeskundige Courant voor het Koninkrijk der Nederlanden.
 Tiel.
 GCp.....Gaceta de Ciencias pecuarias. Madrid.
 GdH.....See GHcm.
 GdlH.....Gaceta de los Hospitales. Valencia.
 GdO.....Gazzetta degli Ospedali. Milano.
 GdOC.....Gazzetta degli Ospitali e delle Cliniche. Milano.
 Gen.-Ber. ü. d. öff. General-Bericht über das öffentliche Gesundheitswesen im
 Ges. Regierungsbereich —.
 GG.....Gazette de Gynécologie. Paris.
 GH.....Good Health. Battle Creek, Michigan.
 GHcm.....Gazette des Hôpitaux civils et militaires. Paris.
 GhMC.....Gazette hebdomadaire de Médecine et de Chirurgie. Paris.
 GhSmB.....Gazette hebdomadaire des Sciences médicales de Bordeaux.
 GiM.....Gazzetta internazionale di Medicina. Napoli.
 GiSm.....Giornale internazionale delle Scienze mediche. Napoli.
 GL.....Gazeta Lekarska. Warszawa, Poland.
 G. l'Impar.....L'Imparziale. Giornale degli interessi scientifici, etc. Firenze.
 Gm.....Gazzetta medica di Torino. Torino.
 GmB.....Gazeta medica da Bahia. Bahia.
 Gmc.....Gaceta médica catalana. Barcelona.
 GmC.....Gaceta médica de Carácas. Carácas, Venezuela.
 GmCR.....Gaceta médica de Costa Rica. San José de C. R.
 GmdT.....See Gm.
 Gmi.....Gazzetta medica italiana. Torino.
 Gml.....Gazzetta medica lombarda. Milano.
 GmM.....Gazzetta medica delle Marche. Civitanova-Marche.
 GmN.....Gaceta médica del Norte. Bilbao.
 GmO.....Gazette médicale d'Orient. Constantinople.
 GmP.....Gazette médicale de Paris; journal de médecine et des sciences
 accessoires. Paris.
 GmrE.....Giornale medico del regio Esercito. Roma.
 GMv.....Giornale di Medicina veterinaria. Torino.
 GN.....Glasgow Naturalist. Glasgow.

- GP.....General (The) Practitioner. St. Louis.
 GrAM.....Giornale delle reale Accademia di Medicina di Torino.
 GrSAvi.....Giornale della reale Società ed Accademia veterinaria italiana.
 Torino.
 GrSnv.....Giornale della reale Società nazionale veterinaria. Torino.
 Gs.....Gazzetta sanitaria. Catania.
 GSJMS.....Gulf States Journal of Medicine and Surgery. Mobile, Ala.
 GSM.....Gaillard's Southern Medicine. Savannah, Ga.
 GSmM.....Gazette de la Science médicale de Montpellier.
 GTNI.....Geneeskundig Tijdschrift voor Nederlandsch Indië. Batavia.
 H.....Hússzemle. Budapest.
 HB,SBHM.....Health Bulletin, State Board of Health of Mississippi.
 HBUM.....Hospital Bulletin of the University of Maryland. Baltimore.
 HC.....Hygienisches Centralblatt. Leipzig.
 HdH.....Handbuch der Hygiene. Jena.
 HdT.....Handbuch der Tropenkrankheiten (Mense). Leipzig.
 HgT.....Handbuch der gesammten Therapie (Penzoldt u. Stintzing).
 Jena.
 HpM.....Handbuch der pathogenischen Microorganismen (Kolle u. Was-
 sermann). Jena.
 HR.....Hygienische Rundschau. Berlin.
 H-R.....Heilmittel-Revue.
 HSW.....Helminthological Society of Washington.
 HT.....Hospitals-Tidende. Kjøbenhavn.
 HVL.....Hygiène (L') de la Viande et du Lait. Évreux.
 IC.....International Clinics. Philadelphia.
 ICHD.....International Congress of Hygiene and Demography. Transac-
 tions.
 ICZ.....International Congress of Zoology. Proceedings.
 IHC.....International Health Commission.
 IJMR.....Indian Journal of Medical Research. Calcutta.
 IMG.....Indian Medical Gazette. Calcutta.
 IMJ.....Illinois Medical Journal. Ottawa and Springfield.
 IMM.....International Medical Magazine. Philadelphia.
 IN.....Irish Naturalist. Dublin.
 IVC.....International Veterinary Congress.
 J.....Janus. Amsterdam (? and Haarlem).
 JAMA.....Journal of the American Medical Association. Chicago.
 JAMS.....Journal of the Arkansas Medical Society. Little Rock.
 JAP.....Journal de l'Anatomie et de Physiologie normales et patholo-
 giques de l'Homme et des Animaux. Paris.
 JAR.....Journal of Agricultural Research. Washington.
 JAVA.....See JAVMA.
 JAVMA.....Journal of the American Veterinary Medical Association. Ithaca,
 N. Y.
 JBC.....Journal of Biological Chemistry. New York.
 JBNHS.....Journal of the Bombay Natural History Society. Bombay.
 JCVD.....Journal (The) of Cutaneous and Venereal Diseases. New York.
 JCMS.....Journal of Comparative Medicine and Surgery. Philadelphia.
 JCMVA.....Journal of Comparative Medicine and Veterinary Archives.
 Philadelphia.
 JCPT.....Journal (The) of Comparative Pathology and Therapeutics.
 Edinburgh, London.
 JCTi.....Journal de Clinique et de Thérapeutique infantiles. Paris.

- JDA.....Journal of the Department of Agriculture of Victoria. Melbourne.
- JDATII.....Journal of the Department of Agriculture and Technical Instruction for Ireland. Dublin.
- JdM.....Journal de Médecine de Paris. Paris.
- JdMBruxelles.....Journal de Médecine. Bruxelles.
- JdMG.....Denkschriften der medicinisch-naturwissenschaftlichen Gesellschaft zu Jena.
- JdP.....Journal de Physique, de Chimie, d'Histoire naturelle et des Arts. Paris.
- JEB.....Journal (The) of Economic Biology. London.
- JEM.....Journal (The) of Experimental Medicine. New York.
- JEZ.....Journal of Experimental Zoology. Baltimore.
- JfBS.....Jahrbuch für Bremische Statistik. Bremen.
- JFTC.....Jahres-Bericht über die Fortschritte der Tier-Chemie. Wiesbaden.
- JH.....Journal d'Hygiène. Paris.
- JH, Camb.....Journal (The) of Hygiene. Cambridge, England.
- JHHR.....Johns Hopkins Hospital Reports. Baltimore.
- JID.....Journal (The) of Infectious Diseases. Chicago.
- JISMS.....Journal of the Iowa State Medical Society.
- JK.....Jahrbuch für Kinderheilkunde und physische Erziehung. Leipzig & Wien.
- JLGVM.....Jahresbericht über die Leistungen auf dem Gebiete der Veterinär-Medicin. Berlin.
- JLSTM.....Journal of the London School of Tropical Medicine. London.
- JM.....Journal of Morphology. Boston.
- JmB.....Journal médicale de Bruxelles. Bruxelles.
- JMB.....Journal de Médecine de Bordeaux. Bordeaux.
- JMcS.....Journal des Maladies cutanées et syphilitiques. Paris.
- JMMA.....Journal of the Minnesota Medical Association.
- JMMA.....See JMSMA.
- JMMH.....Journal of Meat and Milk Hygiene. London.
- JMR.....Journal of Medical Research. Boston.
- JMS.....Journal of the Medical Society of New Jersey. Newark.
- JMSMA.....Journal of the Missouri State Medical Association. St. Louis.
- JMyZ.....Journal de Médecine vétérinaire et de Zootechnie. Lyon.
- JnG.....Jahresbericht der naturhistorischen Gesellschaft zu Hannover.
- JNMA.....Journal of the National Medical Association. Tuskegee, Alabama.
- JNMMS.....Journal of the New Mexico Medical Society. Albuquerque.
- JO.....Journal Officiel.
- JOSMA.....Journal of the Oklahoma Medical Association. Muskogee.
- JP.....Journal of Parasitology. Urbana, Illinois.
- JPAS.....Journal and Proceedings of the Asiatic Society of Bengal. Calcutta.
- JPB.....Journal of Pathology and Bacteriology. London.
- JPC.....Journal de Pharmacie et de Chimie. Paris.
- JPPg.....Journal de Physiologie et de Pathologie générale. Paris.
- JPRS.....Journal and Proceedings of the Royal Society of New South Wales. Sydney.
- JRAMC.....Journal of the Royal Army Medical Corps. London.
- JRAS.....Journal (The) of the Royal Agricultural Society of England, London.
- JRIID.....Japanese Royal Institute for Infectious Diseases. Tokio.

- JRIPII.....Journal of the Royal Institute of Public Health. London.
 JRMS.....Journal of the Royal Microscopical Society. London.
 JSCMA.....Journal (The) of the South Carolina Medical Association.
 Charleston.
 JSDV.....Journal of the Society for the Destruction of Vermin. London.
 JSEAC.....Journal of the South Eastern Agricultural College. Wye, Eng-
 land.
 JsF.....Jahrbuch des schlesischen Forstvereins. Breslau.
 JSMA.....Journal of the Southern Medical Association. Shreveport, La.
 JSmL.....Journal des Sciences médicales de Lille. Lille.
 JSSmL.....Jornal da Sociedade das Sciencias medicas de Lisboa. Lisboa.
 JTM.....Journal of Tropical Medicine. London.
 JTMA.....Journal of the Tennessee Medical Association.
 JTMH.....Journal of Tropical Medicine and Hygiene. London.
 J Tokyo MA.....Journal of the Tokyo Medical Association. Tokio.
 JTVS.....Journal (The) of Tropical Veterinary Science. Calcutta.
 JVBT Preussen.....See VJVBT Preussen.
 JVTdR.....Jahresbericht über die Verbreitung von Tierseuchen im
 deutschen Reiche. Berlin.
 JVVN.....Jahreshefte des Vereins für vaterländische Naturkunde in
 Württemberg. Stuttgart.
 JWAS.....Journal of the Washington Academy of Sciences. Washington
 D. C.
 K.....Kosmos. Leipzig.
 Kaz. MJ.....Kazanskiy Meditsinskiy Jurnal. Kazan.
 KBNV Riga.....Korrespondenz-Blatt des Naturforscher-Vereins zu Riga. Riga.
 KCVCQ.....Kansas City Veterinary College Quarterly. Kansas City.
 Khark. MJ.....Kharkovskiy Meditsinskiy Jurnal, izdavayemyy Kharkovskim,
 etc. Kharkov.
 KJ.....Klinisches Jahrbuch. Berlin.
 KMA.....Klinische Monatsblätter für Augenheilkunde. Stuttgart.
 KMJ.....Kentucky Medical Journal. Louisville.
 KMSJ.....Kansas City Medical and Surgical Journal. Kansas City, Mo.
 KtW.....Klinisch-therapeutische Wochenschrift. Wien.
 L.....Lancet (The). London.
 LB.....Landmands-Blade. Kjøbenhavn.
 Lc.....Lyon chirurgical. Lyon.
 L-C.....Lancet-Clinic (The). Cincinnati.
 LCMi.....Lavori dei Congressi di Medicina interna. Milano.
 LIMJ.....Long Island Medical Journal. Brooklyn.
 Lm.....Lyon médical. Lyon.
 LMG.....London Medical Gazette. London.
 LMJMS.....Louisville Monthly Journal of Medicine and Surgery. Louis-
 ville, Ky.
 Lr.....Lékařské rozhledy. Praha, Poland.
 Ltl.....Lwowski tygodnik lekarski. Lwów, Poland.
 M.....Memorabilien. Heilbronn.
 MA.....Merck's Archives of the Materia Medica and its Uses. New York.
 MAES.....Michigan Agricultural Experiment Station.
 MAnc.....Miscellanea curiosa medico-physics Academiae naturæ curio-
 sorum, etc. Francofurti et Lipsiæ.
 MAs.....Medicina (La) delle Assicurazioni sociali. Milano.
 MBdS.....Medicinal-Berichte über die deutschen Schutzgebiete. Berlin.
 MBSBHI.....Monthly Bulletin of the State Board of Health of Iowa.

- Mc.....Medicina contemporânea. Lisbon.
 MCMB.....Monthly Cyclopædia and Medical Bulletin. Philadelphia.
 Md.MJ.....Maryland Medical Journal. Baltimore.
 ME.....Med. Entom.
 Med.....Medicine. Detroit.
 Med. Ex.....Medical Examiner. New York.
 Méd. mod.....Médecine (La) moderne. Paris.
 MEETHR.....Manhattan Eye, Ear and Throat Hospital Report. New York.
 MfD.....Maanedsskrift for Dyr læger. Kjøbenhavn.
 MfK.....Monatsschrift für Kinderheilkunde. Leipzig und Wien.
 MfS.....Maanedsskrift for Sundhedspleje.
 MGG.....Monatsschrift für Geburtshilfe und Gynäkologie. Berlin.
 MGIMK.....Mittheilungen der Gesellschaft für innere Medecin und Kinder-
 heilkunde in Wien.
 Mh.....Mouvement (Le) hygiénique. Bruxelles.
 Mi.....Medicina (La) italiana. Napoli.
 MiKl.....Medycyna (?i Kronika lekarska). Warszawa.
 MIOC.....Memorias do Instituto Oswaldo Cruz. Rio de Janeiro.
 MjGiM.....Mittheilungen der japanischen Gesellschaft für innere Medicin.
 MJMS.....Monthly Journal of Medical Science. London and Edinburgh.
 MK.....Medizinische Klinik. Berlin.
 MkbA.....Mittheilungen aus der kaiserlichen biologischen Anstalt für
 Land- und Forstwirtschaft. Berlin.
 MkvLS.....Meddelelser fra den kgl. Veterinær- og Landbohøskoles Serum-
 laboratorium. Kjøbenhavn.
 Mm.....Montpellier médical. Montpellier.
 MM.....Modern Medicine (Osler). Philadelphia and New York.
 MmF.....Mittheilungen aus der medicinischen Facultät der kaiserlich-
 japanischen Universität. Tokio.
 MmGT.....Mittheilungen der medicinischen Gesellschaft zu Tokyo.
 MMJ.....Montreal Medical Journal. Montreal.
 MMM.....Memphis Medical Monthly, or Mississippi Valley Medical
 Monthly. Memphis.
 MMN.....Michigan Medical News. Grand Rapids.
 MMSJ.....Mobile (The) Medical and Surgical Journal. Mobile, Ala.
 MMvs.....Messager de Médecine vétérinaire sociale. (See Vestnik obshest-
 vennoi veterinarii.) Petrograd.
 MmW.....Münchener medicinische Wochenschrift. München.
 MN.....Medical (The) News. New York.
 MNA.....Medizinisch-naturwissenschaftliches Archiv. Berlin und Wien.
 MNH.....Magazine of Natural History. London.
 MO.....Meditsinskoye Obozreniye. Moskva.
 Mod. Med.....Moderna (La) Medicina. Torino.
 Monatsbl. f. öff. Ges.....Monatsblatt für öffentliche Gesundheitspflege. Braunschweig.
 MpD.....Monatshefte für praktische Dermatologie. Leipzig.
 MpT.....Monatshefte für praktische Thierheilkunde. Stuttgart.
 MR.....Medical (The) Record. New York.
 MRR.....Medical Review of Reviews. New York.
 MRScAA.....Memorias y Revista de la Sociedad científica "Antonio Alzate."
 México.
 MS.....Military (The) Surgeon. Carlisle, Pa.
 MSM.....Medical and Surgical Monitor. Indianapolis.
 MSMSJ.....Journal [?Transactions] of the Michigan State Medical Society.
 Detroit.

- MSR.....Medical and Surgical Reporter. Philadelphia.
MSRBCH.....Medical and Surgical Report of the Boston City Hospital. Boston.
MSRBH.....Medical and Surgical Report of the Bellevue Hospital. New York.
MSRPH.....Medical and Surgical Report of the Presbyterian Hospital in the City of New York.
MSRSLH.....Medical and Surgical Report of St. Luke's Hospital. Poughkeepsie.
MSz.....Mémoires de la Société zoologique de France. Paris.
MT.....See MpT.
Mte.....Mathematikai és természettudományi értesítő. Budapest.
MTG.....Medical Times and Gazette. London.
MtK.....Mathematikai és természettudományi Közlemények. Budapest.
MtW.....Münchener tierärztliche Wochenschrift. München.
MVANO.....Mittheilungen des Vereins der Aerzte in Nieder-Oesterreich. Wien.
MVB.....Mulford's Veterinary Bulletin. Philadelphia.
MVdS.....Mittheilungen der Vereinigung deutscher Schweinezüchter. Berlin.
MVTO.....Monatschrift des Vereins der Thierärzte des Oesterreichs.
MW.....Medisch Weekblad voor Noord- en Zuid-Nederland. Amsterdam.
Mz.....Moderno (Il) zooiatro. Torino.
MzM.....Mittheilungen aus der zoologischen Sammlung des Museums für Naturkunde in Berlin.
N.....Nature. London.
NAENH.....National Antarctic Expedition of Natural History. London.
NC.....Nova Caledonia (F. Sarasin u. J. Roux). Wiesbaden.
Nederl. Staats-Cour.....Nederlandische Staats-Courant.
NJMS.....Nashville (The) Journal of Medicine and Surgery. Nashville, Tenn.
NJMSJ.....New Jersey Medical and Surgical Journal.
NL.....Northwestern Lancet. St. Paul, Minn.
NML.....Norsk Magazin for Lægevidenskaben. Christiania, Norway.
NMMJ.....New Mexico Medical Journal.
NMN.....Nyt Magazin for Naturvidenskaberne. Christiania, Norway.
NOMSJ.....New Orleans (The) Medical and Surgical Journal. New Orleans.
NR.....Naturwissenschaftliche Rundschau. Braunschweig.
NTG.....Nederlandsch Tijdschrift voor Geneeskunde, etc. Amsterdam.
NTMT.....Nouveau Traité de Médecine et de Thérapie (Brouardel et Gilbert). Paris.
NTT.....Nordisk Tidsskrift for Terapi. Kjøbenhavn.
NVT.....Norsk Veterinær-Tidsskrift. Kristiania.
NW.....Naturwissenschaftliche Wochenschrift. Jena und Berlin.
NYMJ.....New York (The) Medical Journal. New York.
NYMT.....New York (The) Medical Times. New York.
NYPS.....See PNYPS.
NZ.....Novitates Zoologicae. (Zool. Mus. Tring.) London.
ODJMS.....Old Dominion Journal of Medicine and Surgery. Richmond, Va.
OdV.....Oversigt over det kongelige Danske Videnskabernes Selskabs Forhandlinger, [etc.] Kjøbenhavn.
EMT.....Oesterreichische Monatschrift für Thierheilkunde. Wien.
Oh.....Orvosi hetilap. Budapest.
OK.....Ophthalmologische (Die) Klinik. Stuttgart.

- OmRsp.....Ospedale (L') maggiore. Rivista scientifico-pratica, etc. Milano.
 OMT.....Occidental Medical Times. Sacramento and San Francisco.
 ON.....Ohio Naturalist. Columbus.
 OP.....Old Penn. Philadelphia.
 OSB.....Ohio Sanitary Bulletin. Columbus.
 OUZZL.....Oesterreichisch-ungarische Zeitschrift für Zuckerindustrie und
 Landwirtschaft. Wien.
 OvD.....See OdV.
 OVG.....Oesterreichische Vierteljahresschrift für Gesundheitspflege.
 Wien.
 OVwV.....Oesterreichische Vierteljahresschrift für wissenschaftliche Veteri-
 närkunde. Wien.
 P.....Parasitology, a supplement to the Journal of Hygiene. Cam-
 bridge, Eng.
 PANS.....Proceedings of the Academy of Natural Sciences of Philadelphia.
 PAR.....Philippine Agricultural Review. Manila.
 PC.....Pharmaceutische Centralhalle für Deutschland. Dresden und
 Berlin.
 PCCRW.....Proceedings of the Child Conference for Research and Welfare.
 Worcester, Mass.
 PCJH.....Pacific Coast Journal of Homœopathy. San Francisco.
 PCPS.....Proceedings of the Cambridge Philosophical Society. Cam-
 bridge, Eng.
 PCZMA.....Proceedings of the Canal Zone Medical Association. Mount
 Hope, C. Z.
 PdlC.....Progresos de la Clínica.
 Ped.....Pediatria (La). Napoli.
 Pens. med.....Pensiero medico. Milano.
 PFG.....Progressive Farmer and Gazette. Raleigh, N. C.
 PG.....Post-Graduate. New York.
 PH.....Plantago-Hygiene.
 PHR.....Public Health Reports. Issued by the Surgeon-General, P. H.
 & M. H. S. Washington, D. C.
 PJS.....Philippine (The) Journal of Science. Manila, P. I.
 Pl.....Przegląd lekarski. Kraków, Poland.
 PLBS.....Proceedings and Transactions of the Liverpool Biological Society.
 PLSNSW.....Proceedings of the Linnean Society of New South Wales. Syd-
 ney.
 PM.....Practice of Medicine.
 Pm.....Presse (La) médicale. Journal des Journaux de Médecine. Paris.
 Pmc.....Pratique médicale-chirurgicale. Paris.
 PmcP.....Pester medicinisch-chirurgische Presse. Budapest.
 PMJ.....Philadelphia (The) Medical Journal. Philadelphia.
 PMM.....Peoria (The) Medical Monthly. Peoria, Ill.
 PMT.....Philadelphia (The) Medical Times. Philadelphia.
 PMVMA.....Proceedings of the Missouri Veterinary Medical Association.
 PmW.....Prager medicinische Wochenschrift. Prag.
 PmZ.....Preussische Medicinal-Zeitung. Berlin.
 PNYPs.....Proceedings of the New York Pathological Society. New York.
 Pol.....Policlinico (Il):

(1) Giornale di Medicina pratica, etc. v. 1 (1-18), April 8
 to December 23, 1890. 1 v. 576 pp. Torino.

(2) Periodico di Medicina, Chirurgia e Igiene, etc. v. 1-14,
 December 15, 1893, to 1907. Roma.

- PPS.....Proceedings of the Pathological Society of Philadelphia.
 PRIA.....Proceedings of the Royal Irish Academy. Dublin.
 Prog. méd.....Progrès (Le) médical. Paris.
 PRq.....Pathologica. Rivista quindicinale. Genova.
 PRSE.....Proceedings of the Royal Society of Edinburgh.
 PRSQ.....Proceedings of the Royal Society of Queensland. Brisbane.
 PRSV.....Proceedings of the Royal Society of Victoria. Melbourne.
 P&S.....Physician (The) and Surgeon. Detroit and Ann Arbor, Mich.
 PSC, Anderson, Ind.....Proceedings of the Sanitary Convention, Anderson, Ind.
 PSEBM.....Proceedings of the Society for Experimental Biology and Medicine. N. Y.
 PSI.....Publication of the Smithsonian Institution. Washington, D. C.
 PUSNM.....Proceedings of the U. S. National Museum. Washington, D. C.
 Pv.....Progrès (Le) vétérinaire. Agen.
 PVSL.....Procès-Verbaux de la Société Linnéenne de Bordeaux.
 Pw.....Przegląd weterynarski. Lwów, Poland.
 PZSL.....Proceedings of the Zoological Society of London. London.
 QAJ.....Queensland Agricultural Journal. Brisbane.
 QBMDWU.....Quarterly Bulletin of the Medical Department of Washington University. St. Louis.
 QBNUMS.....Quarterly Bulletin of the Northwestern University Medical School. Chicago.
 QJMS.....Quarterly Journal of Microscopical Science. London.
 R.....Ramazzini. Firenze.
 RAE.....Review of Applied Entomology. London.
 RAITM.....Report of the Australian Institute of Tropical Medicine. Melbourne & Sydney.
 RA Lincei.....Rendiconti della reale Accademia dei Lincei. Roma.
 RAS.....Rendiconti delle sessioni dell' Accademia delle Scienze dell' Istituto di Bologna.
 RAyV.....Revista del Centro de Estados de Agronomía y Veterinaria. Buenos Aires.
 RB.....Review of Bacteriology. London.
 RBBL.....Report of the Bombay Bacteriological Laboratory.
 RBPGP.....Review of Bacteriology, Protozoology and General Parasitology. London.
 RcCm.....Rivista critica di Clinica medica. Firenze.
 RcH.....Revista chilena de Higiene. Santiago de Chile.
 RCp.....Rivista di Clinica pediatrica. Firenze.
 RCSL.....See Cat. RCSL. London.
 RCUSC.....Reports from the Consuls of the U. S. on the Commerce, etc., of their consular districts. Washington, D. C.
 RDA.....Report of the Department of Agriculture.
 RdH.....Revista del Hospital "Jaurez." México.
 RdM.....Revue de Médecine. Paris.
 RdMv, Montevideo.....Revista de Medicina veterinaria. Montevideo.
 RESM.....Records of the Egyptian Government School of Medicine. Cairo.
 Rfe.....Revista frenopática española. Barcelona.
 RGBM.....Report of the Government Bureau of Microbiology, New South Wales. Sydney.
 RgCT.....Revue générale de Clinique et de Thérapeutique. Paris.
 RGgF.....Rundschau auf dem Gebiete der gesammten Fleischbeschau.
 RgMv.....Revue générale de Médecine vétérinaire. Toulouse.
 RH.....Revue d'Hygiène et de Police sanitaire. Paris.

- RHMS.....Reference (A) Handbook of the Medical Sciences, etc. New York.
- RIM.....Records of the Indian Museum. Calcutta.
- RIMC.....Revista internazionale di Medicina e Chirurgia.
- RIMJ.....Rhode Island Medical Journal. [?Transactions, R. I. Med. Soc.] Providence.
- RISp.....Rivista d'Igiene e Sanità pubblica. Roma.
- RKKZ.....Rikukun Kunikaku Kai Zatji. Tokio.
- RLMJ.....Richmond (The) and Louisville Medical Journal. Louisville.
- RLmP.....Real-Lexicon der medicinischen Propädeutik, etc. Wien und Leipzig.
- Rm.....Riforma (La) medica. Roma & Napoli.
- RmA.....Rev. méd. d'Alger.
- RmB.....Revista médica de Bogotá. Bogotá.
- RMC.....Revista de Medicina y Cirugía. Barcelona.
- RMCA.....Revista del Ministerio de Colonizacion y Agricultura. La Paz.
- RmCB.....Revista medico-cirurgica do Brazil. Rio de Janeiro.
- RMCH.....Revista de Medicina y Cirugía de la Habana. Habana.
- RMCP.....Revista de Medicina y Cirugía práctica. Madrid.
- RmE.....Revue médicale de l'Est. Nancy.
- RMH.....Revue de Médecine et d'Hygiène.
- RMHt.....Revue de Médecine et d'Hygiène tropicale. Paris.
- RmME.....Revue mensuelle des Maladies de l'Enfance. Paris.
- RmpAn.....Revue médicale et pharmaceutique de l'Afrique du Nord. Alger.
- RmR.....Russische medicinische Rundschau. Berlin.
- RmS.....Revista médica de Sevilla. Sevilla.
- RmSP.....Revista medica de Sao Paulo. Sao Paulo.
- RmSr.....Revue médicale de la Suisse romande. Genève.
- RMt.....Revista de Medicina tropical. Habana.
- RMv.....Recueil de Médecine vétérinaire. Paris.
- RmY.....Revista (La) médica de Yucatán. Mérida.
- Rn.....Revue neurologique. Paris.
- RNYSVC.....Reports of the New York State Veterinary College. Albany.
- RNWgN.....Repertorium der Neuesten und Wissenswürdigsten aus der gesammten Naturkunde. Berlin.
- ROSvs.....Rapport sur les Operations du Service vétérinaire sanitaire, etc. Paris.
- RpA.....Revue pratique des Abattoirs. Reims.
- RPP.....Recherches de Parasitologie et de Pathologie.
- Rs.....Revue (La) scientifique de la France et de l'Étranger. Paris.
- RsB.....Revue sanitaire de Bordeaux et du Sud-ouest. Bordeaux.
- RSBH Minn.....Reports of the State Board of Health of Minnesota. St. Paul.
- RSCEHD.....Rockefeller Sanitary Commission for the Eradication of Hookworm Disease. Washington, D. C.
- RSGA.....Reports of the Surgeon-General of the Army to the Secretary of War, etc. Washington, D. C.
- RSma.....Revista de la Sociedad médica argentina. Buenos Aires.
- RSMMEE.....See RESM.
- RsZ.....Revue suisse de Zoologie. Genève.
- RSZEE.....Results of the Swedish Zoological Expedition to Egypt and the White Nile. Upsala.
- RT.....Repertorium der Thierheilkunde. Stuttgart.

- RTCcHpF.....Recueil des Travaux du Comité consultatif d'Hygiène publique de France, et des Actes de l'Administration sanitaire. Paris.
 RUSEC.....Report of the U. S. Entomological Commission. Washington, D. C.
 RUSLSSA.....Report of the U. S. Live Stock Sanitary Association. Chicago.
 Rv.....Revue vétérinaire. Toulouse.
 RV.....Russkiy Vrach. Petrograd.
 RWRL.....Report of the Wellcome Research Laboratories at the Gordon Memorial College, Khartoum. Department of Education, Sudan Government, Egypt.
 S.....Science. New York and Lancaster, Pa.
 SAB.....Sperimentale (Lo). Archivio di Biologia normale e patologica. Firenze.
 SAMR.....South African Medical Record. Cape Town.
 SAT.....Schweizer-Archiv für Thierheilkunde. Zürich.
 Savannah JM.....Savannah (The) Journal of Medicine. Savannah.
 SAW Wien.....Sitzungsberichte der kaiserlichen Akademie der Wissenschaften. Wien.
 SCMR.....Selections from Colonial Medical Reports. London.
 SCP.....Southern California Practitioner. Los Angeles.
 SE.....Antarctic Marine Free-living Nematodes of the Shackleton Expedition, by N. A. Cobb. Baltimore.
 Sem. méd.....Semaine (La) médicale. Paris.
 SFD.....Süsswasser Fauna Deutschlands (Brauer). Jena.
 SGO.....Surgery, Gynecology and Obstetrics. Chicago.
 SiKMJ.....Sei-i-Kwai (The) Medical Journal. Tokio.
 SIMR.....Studies from the Institute for Medical Research, Federated Malay States. Singapore.
 SJ.....Schmidt's (Carl Christian) Jahrbücher der in- und ausländischen gesammten Medicin. Leipzig.
 Sk.....Sborník klinický. v Praze.
 SIZ.....Schweizerische landwirtschaftliche Zeitschrift. Aarau.
 Sm.....Siglo (El) médico. Madrid.
 SM.....Southern Medicine. Savannah, Ga.
 SMB.....Société de Médecine de Bâle.
 SMHt.....Société de Médecine et d'Hygiène tropicale.
 SMJ.....Southern (The) Medical Journal. (1) La Grange, N. C. (2) Birmingham, Ala.
 SMmf.....See BSMmf.
 Smn.....Société médicale neuchâteloise.
 SmZ.....Strassburger medicinische Zeitung. Strassburg.
 SN.....Scottish (The) Naturalist. Edinburgh.
 SnG Danzig.....Schriften der naturforschenden Gesellschaft in Danzig.
 Snv Torino.....Società nazionale veterinaria. Torino.
 Sp.....Salute (La) pubblica. Perugia.
 Spit.....Spitalul. Bucuresci.
 SpmG.....Sitzungsbericht der physikalisch-medicinischen Gesellschaft in Würzburg.
 SPMJ.....St. Paul (The) Medical Journal. St. Paul, Minn.
 SPM (Loomis).....System (A) of Practical Medicine by American Authors. (Loomis and Thompson). Philadelphia and New York.
 SPMW.....St. Petersburg medicinische Wochenschrift. Petrograd.
 SPæG.....Schriften der physikalisch-ökonomischen Gesellschaft zu Königsberg.
 SRPA.....Sanitary Report for the Province of Assam. Shillong.

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| Ss..... | Scuola (La) salernitana.* Salerno. |
| Spsm..... | Sbornik sochinenii po sudebnoi meditsinie, etc. Petrograd. |
| SSv..... | See Bssv. |
| SyB..... | Sanidad y Beneficencia. Habana. |
| SZ..... | Spolia Zeylanica. Issued by the Colombo Museum, Ceylon.
Colombo. |
| SZLUN..... | Studies from the Zoological Laboratory, University of Nebraska. |
| T..... | Tierarzt (Der). Wetzlar. |
| TAAP..... | Transactions of the Associations of American Physicians. Phila-
delphia. |
| TAJ..... | Transvaal Agricultural Journal. Pretoria. |
| TAMS..... | Transactions of the American Microscopical Society. Buffalo. |
| TASTM..... | Transactions of the American Society of Tropical Medicine. |
| TATS..... | Transactions of the American Therapeutic Society. New York. |
| TBVA..... | Transactions of the Bombay Veterinary Association. Bombay. |
| TC..... | Thierärztliches Centralblatt. Wien. |
| TCAP..... | [Todd's] Cyclopædia of Anatomy and Physiology. Edited by
Robert B. Todd. London. |
| TD..... | Tropical Diseases. |
| TDB..... | Tropical Diseases Bulletin. London. |
| TdG..... | Therapie (Die) der Gegenwart. Wien und Berlin. |
| TES..... | Transactions of the Epidemiological Society of London. London. |
| Tf..... | Természetráji füzetek kiadja a Magyar nemzeti Múzeum.
Budapest. |
| TG..... | Therapeutic (The) Gazette. Detroit. |
| TICM..... | Transactions of the International Congress of Medicine. London. |
| TIKZ..... | Tokyo Igak-kwai Zasshi. Tokio. |
| TIS..... | Tokyo Iji-Shinshi. Tokio. |
| TLS..... | Transactions (The) of the Linnean Society of London. London. |
| Tm..... | Tribuna medica. Rio de Janeiro. |
| TM..... | Therapeutische Monatshefte. Berlin. |
| TMA..... | Transactions of the Medical Association of Georgia. Atlanta, Ga. |
| TMJ..... | Tokyo Medical Journal. Tokio. |
| TMMA..... | Transactions of the Mississippi Medical Association. |
| TMN..... | Texas (The) Medical News. Austin. |
| TMPS..... | Transactions of the Medical and Physical Society of Bombay.
Bombay. |
| TMPSB..... | See TMPS. |
| TMSNJ..... | Transactions of the Medical Society of New Jersey. |
| Tmu..... | Tablettes médicales universelles. Agen. |
| TNCAPT..... | Transactions of the North Carolina Association for the Preven-
tion of Tuberculosis. |
| TNDV..... | Tijdschrift der Nederlandsche Dierkundige Vereeniging. Lei-
den. |
| TPIKmo..... | Trudi i Protokoli Imperatorskavo Kavkazskavo Mededitsinskavo
Obshtshestva. Tiflis. |
| TPSL..... | Transactions of the Pathological Society of London. London. |
| TR..... | Tierärztliche Rundschau. Friedenau. |
| TRAM..... | Transactions of the Royal Academy of Medicine in Ireland.
Dublin. |
| TRSS Austr..... | Transactions of the Royal Society of South Australia. Adelaide. |
| TsHoG..... | Tijdschrift van sociale Hygiene en openbare Gezondheidsrege-
ling. Zwolle. |
| TSJM..... | Texas State Journal of Medicine. Fort Worth. |

- TSN.....Travaux de la Société des Naturalistes de Petrograd. Petrograd.
- TSNUK.....Travaux de la Société des Naturalistes à l'Université Impériale de Kharkov. Kharkov, Russia.
- TSTMH.....Transactions of the Society of Tropical Medicine and Hygiene. London.
- TV.....Tidsskrift for Veterinærer. Kjøbenhavn.
- TvD.....Tijdschrift voor Diergeneeskunde. Utrecht.
- TVdNA.....Tageblatt der Versammlungen deutscher Naturforscher und Aerzte. Magdeburg.
- TvV.....Tijdschrift voor veeartsenijkunde. Utrecht.
- TYL.....Thompson (The) Yates Laboratories Report. Liverpool.
- UfL.....Ugeskrift for Læger. Kjøbenhavn.
- UPMB.....University of Pennsylvania Medical Bulletin. Philadelphia.
- USNMB.....United States Naval Medical Bulletin. Washington, D. C.
- VaG.....Verhandlungen der anatomischen Gesellschaft. Jena.
- VAQ.....Veterinary Alumni Quarterly. Columbus, Ohio.
- VbmG.....Verhandlungen der berliner medicinischen Gesellschaft. Berlin.
- VcSNTmp.....Vestník Královské české Společnosti Náuk. Třída mathematicko-přírodovědecká. Prag.
- VdzG.....Verhandlungen der deutschen zoologischen Gesellschaft. Leipzig.
- Ve.....Veterinaria (La) española. Madrid.
- Vet.....Veterinarian (The); or Monthly Journal of Veterinary Science. London.
- VGdNA.....Verhandlungen der Gesellschaft deutscher Naturforscher und Aerzte. Leipzig.
- VgöM.....Vierteljahrsschrift für gerichtliche und öffentliche Medicin. Berlin.
- VJ.....Veterinary (The) Journal. London.
- VJACP.....Veterinary (The) Journal and Annals of Comparative Pathology. London.
- VJVBT Preuss.....Veröffentlichungen aus dem Jahres-Veterinär Berichten der beamteten Tierärzte in Preussen. Berlin.
- VkG.....Veröffentlichungen des kaiserlich deutschen Gesundheitsamtes. Berlin.
- VM.....Veterinary (The) Magazine. Philadelphia.
- VmJ.....Voyenno-meditsinskiy Jurnal. Petrograd.
- VMM.....Vermont (The) Medical Monthly. Burlington.
- VMNF.....Videnskabelige Meddelelser fra den naturhistoriske Forening i Kjøbenhavn.
- VMSM.....Virginia Medical Semi-Monthly. Richmond.
- VMVöG Hannover.....Verhandlungen und Mittheilungen des Vereins für öffentliche Gesundheitspflege zu Hannover. Hannover.
- VN.....Veterinary News. London.
- VnmVH.....Verhandlungen des naturhistorisch-medizinischen Vereins zu Heidelberg.
- Vo.....Veterinarnoye obozrenie. Moscow.
- VOv.....Vestník Obshestvennoi veterinarii. Petrograd.
- VR.....Veterinary (The) Record. London.
- Vrach.....Vrach. Petrograd.
- VzbG.....Verhandlungen der k. k. zoologisch-botanischen Gesellschaft in Wien.
- WBDH.....Weekly Bulletin of the Department of Health. New York.
- WHR.....Westminster (The) Hospital Reports. London.

- WIB.....West Indian Bulletin, the Journal of the Imperial Agricultural
Department for the West Indies. Barbados.
Wis. MJ.....Wisconsin (The) Medical Journal. Milwaukee.
WkR.....Wiener klinische Rundschau. Wien.
WkW.....Wiener klinische Wochenschrift. Wien.
WMA.....Washington Medical Annals. Washington, D. C.
WMJ.....Woman's (The) Medical Journal. Toledo, Ohio.
WmP.....Wiener medizinische Presse. Wien.
WmW.....Wiener medizinische Wochenschrift. Wien.
WNL, USDA.....Weekly News Letter, U. S. Department of Agriculture. Wash-
ington, D. C.
WTV.....Wochenschrift für Thierheilkunde und Viehzucht. München.
WVMJ.....West Virginia (The) Medical Journal. Wheeling.
WZkkGA.....Wochenblatt der Zeitschrift der k. k. Gesellschaft der Aerzte in
Wien.
YUSDA.....Yearbook of U. S. Department of Agriculture. Washington,
D. C.
Z.....Zoologica. Stuttgart.
ZA.....Zoologischer Anzeiger. Leipzig.
ZB.....Zoologiska Bidrag fran Uppsala. Uppsala and Stockholm.
ZC.....Zoologisches Centralblatt. Leipzig.
ZD.....Zoologiae danicae, etc.
Zdrowie.....Zdrowie. Warszawa.
ZePT.....Zeitschrift für experimentelle Pathologie und Therapie. Berlin.
ZFJ.....Zeitschrift für Forst- und Jagdwesen. Berlin.
ZFM.....Zeitschrift für Fleisch- und Milchhygiene. Berlin.
ZgF.....Zeitschrift für d. gesammte Fleischbeschau.
ZgU.....Zeitschrift für gynäkologische Urologie. Berlin.
ZH.....Zeitschrift für Hygiene. Leipzig.
ZHI.....Zeitschrift für Hygiene und Infektionskrankheiten. Leipzig.
ZI.....Zeitschrift für Immunitätsforschung und experimentelle Thera-
pie. Jena.
ZIpKHH.....Zeitschrift für Infektionskrankheiten, parasitäre Krankheiten
und Hygiene der Haustiere. Berlin.
ZJ.....Zoologische Jahrbücher. Jena.
ZK.....Zeitschrift für Krebsforschung. Jena und Berlin.
ZkM.....Zeitschrift für klinische Medecin:
(1) Berlin. v. 1-27, 1879-95.
(2) Breslau. v. 1-10, 1850-59.
ZmF.....Zeitschrift für mikroskopische Fleischschau und populäre
Mikroskopie. Berlin & Bernau.
ZnV.....Zeitschrift für die gesammten Naturwissenschaften. Publ. by
Naturwissenschaftlichen Verein für Sachsen und Thüringen.
Leipzig.
ZP.....Zeitschrift für Pflanzenkrankheiten. Stuttgart.
ZpC.....Zeitschrift für physiologische Chemie. Strassburg.
ZpHMW.....Zeitschrift für praktische Heilkunde und Medicinal-Wesen,
u. s. w. Hannover.
ZR.....Zoological (The) Record. London.
ZT.....Zeitschrift für Thiermedizin. Jena.
ZTMG.....Zeitschrift der Tokyo medicinischen Gesellschaft. Tokio.
ZUNGG.....Zeitschrift für Untersuchung der Nahrungs- und Genussmittel,
sowie der Gebrauchsgegenstände. Berlin.
ZV.....Zeitschrift für Veterinärkunde mit besonderer Berücksichtigung
der Hygiene. Berlin.

ZwI.....Zeitschrift für wissenschaftlichen Insectenbiologie. Berlin.
 ZwZ.....Zeitschrift für wissenschaftliche Zoologie. Leipzig.
 20 Cen. Pr.....Twentieth Century Practice of Medicine. New York.

LOCALITIES.

Algeciras.....	Algesiræ.	Mûen.....	Mûenchen, Munich.
Algiers.....	City.	Mus. Frankf.....	Museum Frankfurt.
Algeria.....	Country.	Mus. Wien.....	Museum Vienna, Wien.
Beaufort.....	Beaufort, N. C.	Nap.....	Naples, Neapoli, Na- poli.
Berl.....	Berlin, Prussia.	N. A.....	North America.
Breslau.....	Vratislaviæ.	N. S. W.....	New South Wales.
Colo.....	Colorado.	Padua.....	Padova, Patavia.
Copenh.....	Copenhagen, Kjoben- havn.	Par.....	Paris.
Edinb.....	Edinburgh.	Penn.....	Pennsylvania.
Eng.....	England.	Prag.....	Prague.
F. a. M.....	Frankfurt am Main.	Rennes.....	Remi.
Ga.....	Georgia.	Rimini.....	Ariminum.
Gøett.....	Gøettingen.	S. A.....	South America.
Gr. Brit.....	Great Britain.	Stockh.....	Stockholm, Holmiæ.
Greifsw.....	Greifswald.	Switz.....	Switzerland, Schweiz, Helvetia.
Isl.....	Island.	Torino.....	Turin.
Kœnigsb.....	Kœnigsberg, Regiomon- tum.	Wien.....	Vienna.
Lond.....	London.	Woods Hole.....	Woods Hole, Mass.
Med.....	Mediterranean.	Zool. Gard.....	Zoological Gardens.

OTHER ABBREVIATIONS.

cf.=compare.	nv.=not verified.
C. E. V.=M. C. V.	q. v.=quod vide.
Coll.=Collection.	so.=synonym of.
f.=family.	sp.=species.
g.=genus.	subf.=subfamily.
hng.=host not given.	subg.=subgenus.
lng.=locality not given.	tat.=type by absolute tautonymy.
M. C. V.=Catalog Museum Wien.	tod.=type by original designation.
mt.=monotypic.	tsd.=type by subsequent designation.
Mus.=Museum.	t. h.=type host.

AUTHORS' BIBLIOGRAPHY.

For bibliographic references in this bulletin, the reader should consult primarily the Authors Catalogue¹ of this same series, namely, Bulletin 39, U. S. Bureau of Animal Industry; next, the Zoological Record should be consulted.

Some of the entries in our Authors' Catalogue were verified from bound publications from which it was impossible to determine the exact date of publication of the article cited. Special attention is invited to the following articles which are cited in the present subject index:

¹ For library abbreviations see Bull. 39, p. 12, Add, Wh, Library Hygienic Laboratory.

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ALPHABETICAL LIST OF SPECIFIC AND SUBSPECIFIC NAMES OF ROUNDWORMS (NEMATODA, GORDIACEA, AND ACANTHOCEPHALI), CROSS REFERENCED TO GENERA AND SUB- GENERA.

- abacis-striolæ* Dies., 1851a, 90, t. h. *Abax striola*; Kirby & Spence, 1826b.—1851: Fil. [1851: Gord. *feroniæ-striolæ*.]
abbreviata Rud., 1819a, 4, t. h. *Motacilla stapazina*; Mus. Wien.—1819: Fil. [1909: F. (*Diplotriaena*).]
abbreviata Rud., 1819a, 21, t. h. *Perca cirrhosa*; Rome.—1819: *Cucullanus*. 1845: *Dacnitis*. 1887: Het.
abbreviata Rud., 1819a, 30, t. h. *Lacerta margaritacea*; Spain.—1819: *Physalopt*. 1845: *Spiropt*.
abbreviatus Villot, 1874a, 57; Bourbon Isl., Mus. Paris.—1874: Gord. 1897: *Parachord*.
abdominalis Linst., 1904n, 299, t. h. *Otis melanogaster*; Madagascar.—1904: *Spiropt*.
abdominalis Mol., 1858c, 418.—1858: Fil. *cebi-trivirgati*.
abdominalis Mol., 1858c, 421, t. h. *Bos bubalis*; M. C. V.—1858: Fil. *bubali*.
abdominalis Mol., 1858c, 423, t. h. *Cassicus ater*; Caiçara.—1858: Fil. *cassici-atri*.
abdominalis Mol., 1858c, 423, t. h. *Icterus pyrrhopterus*; Brazil.—1858: Fil. *icteri-pyrrhopteri*.
abdominalis Mol., 1858c, 424, t. h. *Pipra caudata*; Brazil.—1858: Fil. *pipræ-caudatæ*.
abdominalis Mol., 1858, 296, t. h. *Mustela putorius*; Padua.—1858: *Echinor. putorii*.
abdominalis Rud., 1819a, 76, t. h. *Erinaceus europæus*; C. E. V.—1819: *Echinor. erinacei*.
abdominis passali-cornuti Leidy, 1852b, 241, t. h. *Passalus cornutus*; by Leidy.—1852: *Nematoideum cavitatis*.
aberrans Krüger, 1912, 233, in moist soil; by Krüger.—1912: *Rhabditis*.
aberrans Micol., 1915, 258; Grundlsee.—1915: *Cylindrolaimus*.
aberrans Steiner, 1914, 266; [Switz.].—1914: *Bunonema richtersi*.
abietis Dies., 1851a, 100.—1851: Fil. *aphidis gallarum*. 1851: Gord. *aphidis gallarum*.
abjecta Leidy, 1856b, 53, t. h. *Psammophis flagelliformis*; Ing.—1856: *Physalopt*.
abbreviata Magal., 1888a, 11, for *abbreviata* (Fil.).
abstrusus Rail., 1898b, 173, pusillus Mûell., 1890, renamed, t. h. *Felis dom.*—1898: Str. 1907: *Synthetocaulus*.
acanthocauda Linst., 1903u, 275, for *acanthocaudata* 1858 (Asc.).
acanthocaudata Cobbold, 1858b, 160, t. h. *Lota molva*; Edinb.—1858: Asc.
acanthocephala Linst., 1909a, 65, for *acanthocephalica* (*Spiropt*).
acanthocephalica Mol., 1860b, 988, t. h. *Sterna hirundo*, *S. caspica*; M. C. V.—1860: *Spiropt*. 1916: *Schistorophus*.
acanthocephalicus Mol., 1861a(b), 608(184), t. h. *Ibis tubifex*; Brazil.—1861: *Hystrichis*.
acanthocirratu Skrj., 1916, 39, t. h. *Ranidæ*; Brit. E. Africa.—1916: *Amphibiophilus*, *tod*.
acanthoditis Dies., 1851a, 95, t. h. *Acanthodis glabrata*; Brazil.—1851: Fil. [1851: Gord. *chordodes*. Chord. *parasitus*.]
acantholaimus Savelev, 1912, 112; Kolafford, etc.—1912: *Enoplolaimus*.
acanthosoma Westrumb, 1821a, 30, t. h. *Atherina hepsetus*; Ing.—1821: *Echinor*.
acanthotrias Linst., 1883a, 305, t. h. *Astur palumbarius*; Turkestan.—1883: *Echinor*.
acanthura Dies., 1851a, 591, *spinicauda*, 1851, renamed.—1851: Asc. 1859: *Oxyuris*. 1861: *Pharyngodon*, mt. 1894: *Oxyuris* (*Pharyngodon*).
acanthura Leuck., 1842a, 42, t. h. *Sorex tetragonurus*; by Leuck.—1842: Asc.
acanthura Linst., 1904f, 11, t. h. *Calotes versicolor*; Colombo.—1904: *Oxyuris*.
accipenseris Viborg, 1795, 237 [n.v.]; Rud., 1809a, 117, t. h. *Accipenser sturio*.—1795: *Cucullanus*. 1809: *Cucullanus*.
accipenseris-rutheni Rud., 1819a, 79, t. h. *Accipenser ruthenus*; C. E. V.—1819: *Echinor*.
accipenseris-sturionis Rud., 1819a, 191.—1819: *Dubium*.
accipitri Skrj., 1916, 535, t. h. *Aquila imperialis*; Aôulié-ata.—1916: *Gnathost*.
acer Bast., 1865c, 156, marine mud; Falmouth.—1865: *Theristus*, mt. 1880: *Monohystera*. 1907: *Monohystera* (Th.).

- acerinæ* Linst., 1878b, 240, t. h. *Acerina cernua*; Ing.—1878: Asc.
acerinæ Linst., 1878b, 241, t. h. *Acerina cernua*; by Linst.—1878: Agamonema.
acerosus Schrank, 1829 [nv.]; Ehrenb., 1838a, 82.—1829: Vibrio. [1838: Closterium.]
acetabularis Chiaje, 1829a, 155, t. h. Poulpe de l'argonaute; by Chiaje.—1829: Trichoc.
acetabularis Linst., 1901b, 411, t. h. Alcedo or Halcyon; Africa.—1901: Fil.
aceti Müell., 1783, 162, in vinegar.—1783: Vibrio. 1786: Anguillula. 1815: Gord.
 1824: V. anguillula. 1845: Rhabditis.
aceti dryophila (Leuck.) [nv.] Man, 1910, 361.—1910: Anguillula.
achtheris-percarum Nordm., 1832, 87, t. h. *Achtheres percarum*; Europe.—1832: Fil.
acibularis Nordm., 1840a, 601, for *acetabularis*. (Trichoc.)
acicula Brug., 1791a, 94, t. h. Rana; Goeze, 1782a.—1791: Asc.
acicularis Pall., 1781a, 72, pollicaris renamed, t. h. *Equus* cab.; Holland.—1781: Asc.
acidaliæ Dies., 1861a, 610, t. h. *Acidalia delutata*; Greifsw.—1861: Mermis.
acili-sulcati Dies., 1851a, 92, for *acilii-sulcati* 1851.—1851: Fil.
acili-sulcati Dies., 1851a, 92, t. h. *Acilius sulcatus*; Anglia.—1851: Gord.
acipenser Wagner, 1867, 6 [nv.]; Zykov, 1902c, 229, for *acipenseris*.—1867: Cystopsis.
 1902: Cystoopsis.
acipenseris del Lupo, 1898a, 823, t. h. *Acipenser sturio*; by del Lupo.—1898: Ichthyonema.
acipenseris Linst., 1883a, 278, t. h. apparently *Acipenser*; Turkestan.—1883: Asc.
acipenseris Viborg, 1795, 237 [nv.]; Dies., 1851a, 242; t. h. *Acipenser sturio*; by Abildg.—1795: Cucullanus. 1851: Cucullanus.
acipenseris Wagner, 1867, 6 [nv.].—1867: Cystopsis. 1902: Cystoopsis.
acipenseris-rutheni Luehe, 1904f, 162, for *accipenseris-rutheni* (Echinor.).
acrididarum Linst., 1897i, 32, t. h. *Orthocris* sp., *Stenobothrus* sp.; Madagascar.—1897: Mermis.
acrididorum Linst., 1898e, 158 for *acrididarum* (Mermis).
acridiorum Weyenbergh, 1879, 216, t. h. *Acridium paranense*; Cordoba.—1879: Gord.
 1899: Mermis.
acris Bast., 1865c, 130, sandy soil about rootlets of wheat; Broadmoor, Berks.—1865: Rhabditis.
acrydii Dies., 1851a, 97, t. h. *Acrydium tuberculatum*; Ing.—1851: Gord.
aculeata Crep., 1825a, 14, t. h. *Tringa alpina*; by Crep.—1825: Spiropt. 1876: Fil., 1891: Disph.
aculeati Linst., 1884a, t. h. *Gasterosteus aculeatus*; by Linst.—1884: Asc.
aculeatus Curling, 1839a, 274, t. h. Homo; by Curling.—1839: Dactylius, mt. [Cf. Enchytræus.]
aculeatus Daday, 1905, 63, in fresh water; Paraguay.—1905: Cephalobus.
aculeatus Linst., 1879b, 333, t. h. *Macacus cynomolgus*; Ing.—1879: Str. 1899: Sclerost. 1906: Oesophagost.
acuminata Daday, 1911, 503; Vierwaldstätter-See.—1911: Hydromermis.
acuminata Eberth, 1863a, 28, free; Nizza.—1863: Odontobius. 1865: Anticoma.
acuminata Linst., 1883a, 301; loc. unknown, apparently Turkestan.—1883: Mermis.
acuminata Linst., 1907, 265, t. h. *Lutra vulg.*; Coll. Senckenberg, Frankfurt.—1907: Fil.
acuminata Mol., 1860b, 930, t. h. *Brycon falcatus*; Brazil.—1860: Spiropt. 1897: Oxyuripura.
acuminata Rud., 1809a, 66, t. h. larva of *Noctua nupta*; Goeze.—1809: Fil. 1815: Gord. (Fil.). 1843: Mermis.
acuminata Schlotthauber, 1860a, 127, no details.—1860: Oxyuris.
acuminata Schrank, 1788a, 12, t. h. frogs; quotes Goeze.—1788: Asc. 1800: Fus. 1809: Asc. 1845: Het. [?1866: Oxysona.] 1876: Heteracis. [1898: Oxysona.] 1880: Rhabdonema (Asc.). 1916: Aplecta, tod. 1916: Aplectana, tod.
acuminatum Man, 1907, 84.—1907: Euryst.
acuminatum Eberth, 1863a, 24, free; Ing.—1863: Enchelidium.
acuminatum Schneid., 1866a, 28.—1866: Oxysona. [See *acuminata* Schrank.]
acuminatus Bast., 1865c, 120, in moss; Ing.—1865: Plectus.
acuminatus d'Udekem, 1859a(b), 554(5), t. h. *Julius terrestris*; d'Udekem.—1859: Rhabditis. 1861: Isacis.
acus Bloch, 1779a, 544, t. h. Hecht.—1779: Asc. 1800: Fus. 1809: Asc. 1915: Rhabdasc., tod.
acus Duj., 1845a, 264, t. h. an exotic mammal; Mus. Paris.—1845: Stenodes, mt.
acus Müell., 1786, 59.—1786: Vibrio. [1838: Euglena.]
acus Rud., 1802a, 51, t. h. *Gadus callarius*; by Rud.—1802: Echinor.
acuta Dies., 1851a, 277, t. h. *Podiceps cristatus*, by Brems.; P. cornutus by Die.s.
 M. C. V.—1851: Fil. 1861: Dicheilonema. 1879: Fil.
acuta Ehrenb. in Hempr. & Ehrenb., 1828a, Hyrax, unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: Oxyuris flagellum.

- acuta* Müell., 1789a, 53, t. h. *Rhombus barbatus*; by Müell.—1789: Asc.
cuticanda. See *cuticauda* (*Dorylaimus*).
cuticauda Daday, 1911, 484 [*Vierwaldstötter-See*].—1911: *Limnomermis*.
cuticauda Man, 1884a, 179, in sandy soil; *Niederland*.—1884: *Dorylaimus*.
cuticauda Linst., 1901b, 415, t. h. *Numida rikwæ*; *Usanga am Rukwa-See*, Africa.—1901: *Oxysoma*. 1914: *Subulura*.
cuticauda Mol., 1858c, 379, t. h. *Dasypus loricatus*, *D. niger*; *M. C. V.*, *Ypanema*, *S. America*.—1858: *Fil.*
cuticauda Mol., 1860d, 661, t. h. *Falco cachinans*, etc.; *Brazil*.—1860: *Physalopt.*
cuticaudatum Jægers., 1901a, 4, free; near *Kristineberg*.—1901: *Thoracost.*
cuticaudatus Cobbold, 1861e, 123, t. h. *Chloephaga poliocephala*; *Lond. Zool. Gard.*.—1861: *Str.*
cutissima Mol., 1860e, 332, t. h. *Cuculus melacoryphus*, *Strix atricapilla*.—1860: *Subulura*, *mt.* 1887: *Het.*
cutissima Rud., 1819a, 642, t. h. *Falco*; *Brazil*.—1819: *Spiropt.*
cutissima Zed., 1800a, 22, t. h. *Sciurus vulg.*; *Zed.*—1800: *Fus.* 1809: *Asc.* 1916: *Oxyuris*.
cutiuscula Mol., 1858c, 388, t. h. *Canis azaræ*, etc.; *M. C. V.*—1851: *Fil.*
cuticaudatus Zimmerman, 1898, 42, t. h. coffee roots; *Java*.—1898: *Tylenchus*.
cutum Mol., 1861a(b), 449(25), t. h. *Antilope rupicapra*, etc.—1861: *Oesophagost.*
cutus Cobb, 1917n, 438, about roots of rhubarb; *Arlington, Va.*—1917: *Mononchus* (*Iotonchus*).
cutus Duj., 1845a, 105, t. h. *Raia clavata*; *Rennes*.—1845: *Proleptus*, *tsd.*
cutus Lundahl, 1848a, 284, t. h. *Anas crecca*, etc.; *N. Europe*.—1848: *Str.* [1861: *Str. nodularis*.]
cutus Villot, 1875a, 460; *Roscoff*.—1875: *Enoplus*. 1893: *Triodontolaimus*, *mt.*
additicus Lane, 1915, 106 for *additictus* 1914, t. h. *Elephas indicus*.—1915: *Str.* 1915: *Decrusia*.
additictus R., H., & B., 1914, 130, t. h. *Elephas indicus*.—1914: *Str.* [1915: *Decrusia*.]
adelinæ Cond.-Franc., 1898b, 121, t. h. *Mugil cephalus*; *Rome*.—1898: *Asc.*
adelphus Greeff, 1869a, 113.—1869: *Desmoscolex*.
aderholdti Schwartz, 1912, 26, in *Maiblumenkeimen*; *Mecklenburg-Schwerin*.—1912: *Aphelenchus*.
adfinis Rud., 1908a, xxiv, for *affinis* (*Echinor*).
adiposa Schrank, 1790a, 122, t. h. *Lucius*; *Schrank*.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.*
adriatica Stoss., 1897a, 5, t. h. *Vola jacobææ*; *Venice*.—1897: *Asc.*
adriaticus Schep., 1907a 139, marine; *Nap.*, etc.—1907: *Desmoscolex*.
adriaca Crep., 1846a, 138, t. h. *Colymbus septentrionalis*, etc.; by Crep.—1846: *Spiropt.* 1860: *Disphar.*
aduna Rud., 1802a, 14, t. h. Goldfisch, *Clupea alosa*; by Rud.—1802: *Asc.* 1803: *Fus.* 1809: *Asc.*
ægyptiaca Galeb, 1878b, 294, t. h. *Polyphaga ægyptiaca*.—1878: *Oxyuris*.
ægyptiaca Linst., 1902a, 218, t. h. *Ardea garzetta*; *Egypt*.—1902: *Het.* 1914: *Ascaridia*.
ægyptiaca Sons., 1874 or 1875 [nv.]; in *Fayrer*, 1876a, 284; t. h. *Homo*; *Egypt*.—1874: or '75: *Fil. sanguinis hominis*. 1883: *Fil.* 1910: *Fil. sanguinis*.
ægyptiaca hominis Brumpt, 1910a, 435, for *F. s. h. ægyptiaca*.—1910: *Fil. sanguinis*.
ægyptiaca nocturna (Mans., 1891) Brumpt, 1910a, 901.—1910: *Fil. sanguinis*.
æthianus Cam., 1894d, 410(1); *Doloc Surugnan*, *Sumatra*.—1894: *Gord.* 1897: *Chord.*
æneus Villot, 1874a, 52; *Cumana*, *Venezuela*, *Mus. Paris*.—1874: *Gord.*
æqualis Dies., 1851a, 156, for *milvi filiformis æqualis* *Frøel.*, 1802a, 34, t. h. *Falco milvus*; by *Geze*.—1851: *Asc.* [1851: *Asc. depressa*.]
æqualis Mol., 1858c, 383, t. h. *Myrmecophaga jubata*; *Brazil*.—1858: *Fil.* 1861: *Solenonema*.
æqualis Zed., 1803a, 154, t. h. *Strix scops*; by *Borke*.—1803: *Echinor*.
aerivora Cobb, 1916, in *Merrill & Ford*, 1916, 121, on ground; *Manhattan, Kansas*.—1916: *Diplogaster*.
aerophila Linst., 1906, 253, t. h. *Phœnicopterus roseus*; *Königsb.*—1906: *Spiropt.* 1917: *Aprocta*.
aerophila Skrij., 1916, 531, t. h. *Ardea cinerea*, *Phalacrocorax carbo*; *Russian Turkestan*.—1916: *Desmidocerca*, *tod.*
aerophilum Crep., 1839a, 278, t. h. *Canis vulpes*; by Crep.—1839: *Trichosomum*. [1839: *Trichosoma*.] 1845: *Eucoleus*, ? type. 1860: *Trichosoma*. 1915: *Cap.* 1915 *Cap.* (*Thominx*).
aerophilum Eberth, 1863a, 48, for *aerophilum* (*Trichosoma*).
æthiopica Val., 1856a, 259, t. h. guépard; from *Kordofan*.—1856: *Fil.* 1861: *Dra-cunculus*.
æthiopika Schneidem., 1896a, 306, for *æthiopica* (*Fil.*)

- affine* Leidy, 1856b, 53, t. h. *Cistudo carolina*.—1856: *Spironoura*. 1861: *Spirura*.
affine Stoss., 1902e, 14, t. h. *Felis catus ferus*; Ghinda, Eritrea.—1902: *Cyathost.*
affinis Brakenhoff, 1914, 295; Bremen.—1914: *Tylencholaimus*.
affinis Dies., 1851a, 114, t. h. *Larus ridibundus*, etc.; see Sieb., 1838, 312.—1851: *Trichina*. 1909: *Agamonema* [from *Larus ridibundus*].
affinis Duj., 1845a, 98, t. h. *Cucullus seniculus*; Brazil.—1845: *Spiropt.*
affinis Gmel., 1790a, 3050, t. h. *Cyprinus rutilus*; Müell.—1790: *Echinor.*
affinis Jægers., 1904, 660, t. h. fox; Cairo.—1904: *Rictularia*.
affinis Leidy in Stiles & Hass., 1894e, 343, t. h. *Simia satyrus*; by Chapman.—1894: *Diocophyme*.
affinis Man, 1880a, 12, in moist soil; Holland.—1880: *Tripyla*.
affinis Seur., 1916, 1128, t. h. *Strix flammea*; Kabylie.—1916: *Acuaria*.
affinis Mar., 1870a, 36; free; Endoume.—1870: *Acanthopharynx* (probably type).
affinis Mégn., 1895c, 173, t. h. *Dolichotis patagonica*; France.—1895: *Str.* 1909: *Graphidium*.
affinis Oerley, 1885a, 102, t. h. *Mustelus lævis*; by Oerley.—1885: *Asc.*
affinis Rud., 1802a, 7, t. h. *Ovis aries*; by Rud.—1802: *Trichoc.* 1803: *Mastigodes*. 1894: *Tricoc.* 1902: *Trichuris*.
affinis Rud., 1802a, 55, t. h. *Pleuronectes flesus*; by Rud.—1802: *Echinor.*
affinis Rud., 1819a, 4, t. h. *Fringilla* sp.; Spain.—1819: *Fil.* [1909: *F. (Diplotriæna)*.]
affinis Villot, 1886a, 302; Grenoble.—1886: *Gord.*
africana Gendre, 1909, xxxiii, t. h. *Cinixys belliana*; Fr. Guinée.—1909: *Het.*
africana Linst., 1898e, 161, free; Togo, S. W. Africa.—1898: *Mermis*.
africana Linst., 1899b, 18, t. h. *Anguilla* sp.; Capland.—1899: *Spiropterina*.
africana Linst., 1908, 28; Lüderitzbucht, S. Africa.—1908: *Euchromadora*.
africanus Daday, 1908, 15.—1908: *Plectus*.
africanus Daday, 1908, 19.—1908: *Dorylaimus*.
africanus Harris, 1910, 11, *americanus* 1902 renamed, t. h. *Homo*.—1910: *Necator*.
africanus Jægers., 1909, 18, t. h. *Ardea goliath*, etc.; Sudan.—1909: *Eustrongylides*.
africanus Looss, 1911, 213, t. h. *Anthropopithecus troglodytes*; W. Africa.—1911: *Necator*.
africani Martini, 1903s, 351.—1903: *Fil. sanguinis equi*.
agamæ Rodhain, 1906, 545, t. h. *Agama colonorum*; Ubangi.—1906: *Fil.*
agamofilaria Cast. & Chalm., 1913a, 1683, for *Fil. (Agamofil.)*.
agassizi Montg., 1898a, 38; Sandwich Isl.—1898: *Gord.*
agile Leidy, 1849a, 230, t. h. *Julus marginatus*; by Leidy.—1849: *Streptostoma*, mt. [1849: *Aorurus*,? type.] 1851: *Streptost.* (*Aorurus*). 1861: *Anguillula* (*Streptost.*).
agilis Linst., 1876a, 14, in humusreicher Sandboden; Ratzenburg.—1876: *Rhabditis*.
agilis Man, 1880a, 95, in moist soil; Holland.—1880: *Dorylaimus*.
agilis Man, 1880a, 9, in moist soil; Holland.—1880: *Monohystera*. 1914: *Monhystera*.
agilis Mar., 1870a, 14, marine; Pharos.—1870: *Amphistenus*, ? type.
agilis Rud., 1819a, 67, t. h. *Mugil cephalus*; Speziæ.—1819: *Echinor.* 1892: *Neor.* 1914: *Eor.*
agilis Verrill, 1879a, 187, free; Vineyard Sound, Mass.—1879: *Nectonema*, mt.
agilis Wedl, 1861b, 467, t. h. *Crocodilus vulg.*; Egypt.—1861: *Asc.*
agilissima Mol., 1859h, 16, t. h. *Lacerta agilis*, etc.; Padua.—1859: *Trichina*.
agoutii Neiva, Cunha, & Trav., 1914, 184.—1914: *Heligmosomum*.
agricola Hoffm. [n.v.]; Ruschhaupt, 1885a, 713.—1885: *Lumbricus*.
agricola Man 1881a, 142.—1881: *Aphelenchus*.
agrostidis Bast., 1865c, 128, apparently for *agrostis* Steinb., 1799a.—1865: *Tylenchus*. 1877: *Anguillula*.
agrostis Steinbuch, 1799a, 253, t. h. *Agrostis silvatica*; Erlanger.—1799: *Vibrio*.
agrotidis-ripæ Dies., 1851a, 104, t. h. *Agrotis ripæ*; Pierret, 1841.—1851: *Fil.* 1851: *Gord.*
aquatica Oerley, 1880, 100, misprint for *aquatica* (*Anguillula*).
akus Schneidem., 1896a, 325, for *acus* (*Echinor.*).
alascensis Montg., 1907, 271; Alaska.—1907: *Gord.*
alata Bellingh., 1839a, 103, t. h. *Homo*; Europe.—1839: *Asc.* [1866: *Asc. mystax*. 1903: *Asc. canis*. 1911: *Belasc.* 1912: *B. cati*.]
alata Linst., 1883a, 278, t. h. a Raubvogel; Turkestan.—1883: *Asc.*
alata Rail. & Henry, 1909a, 87, t. h. *Macaque*; by Weinberg.—1909: *Cooperia*.
alata Rud., 1809a, 67, t. h. *Simia maimon*; by Albers.—1809: *Fil.* 1815: *Gord. (Fil.)*.
alata Rud., 1819a, 29, t. h. *Falco nisus*, etc.; M. V.—1819: *Physalopt.*
alata Rud., 1819a, 19, 229, t. h. *Meles taxus*; M. V.—1819: *Oxyuris*.
alata Rud., 1819a, 23, t. h. *Ardea nigra*; by Braun, Frel.—1819: *Spiropt.* 1866: *Fil.* 1891: *Disph.* 1912: *Acuaria (Synhimantus)*.
alata Schneid, 1866a, 76, t. h. *Tinamus* sp., Brazil.—1866: *Het.*

- alata* Zsch., 1889c, 792 t. h. *Rhea americana*; Basel Zool. Gard.—1889: Spiropt.
alata chevereuxi Seur., 1914, 252, t. h. Epervier; Bône.—1914: Physalopt.
alata novæli Seur., 1915, 15^c, t. h. *Accipiter nisus*, *Aquila chrysaetos*; Bou-Saâda.—1915: Physalopt.
alatum Johnst., 1914, 80, t. h. *Cocachroa decortica*; N. Queensland.—1914: Thelast.
alatum Mol., 1858d, 157 t. h. *Mustela putorius*; Padua.—1858: Calodium. 1890: Trichosoma.
alatus Leuck., 1848c, 26, t. h. Narval; Mus. Goett.—1848: Str. (*Pharurus*, mt.). 1851: Prosthecosacter. 1895: Pseudalius.
alatus Linst., 1879b, 332, t. h. *Manis tetradactyla*.—1879: Str. [1899: Str. linstowi.]
alatus Mol., 1860e, 345, t. h. *Alca torda*, etc.; Europe.—1860: Cosmoc.
alatus Rud., 1802a, 35, t. h. *Pleuronectes maximus*; by Rud.—1802: Cucullanus.
alatus Savelev, 1912, 109; Catharinahafen, Palafjord.—1912: Enoplus.
alatus Wedl, 1861b (1862), 470, t. h. *Uromastix spinipes*; Egypt.—1861: Thelandros, mt.
alatus simix-angolæ M. C. V. in Mol., 1861a, 450.—1861: Str.
alaudæ Rud., 1819a, 15, t. h. *Alauda arvensis*; C. E. V.—1819: Trichosoma.
alaudæ Rud., 1819a, 54, t. h. *Alauda trivialis*; C. E. V.—1819: Asc.
alaudæ Rud., 1819a, 77, t. h. *Alauda nemorosa*, A. trivialis; C. E. V.—1819: Echinor.
alaudæ Zed., 1803a, 39, t. h., *Alauda*; Gœze.—1803: Fil. 1809: Gord. 1809: Fil.
alausæ Mol., 1859h, 31, t. h. *Alausa vulg.*; Padua.—1859: Nematoideum. 1861: Agamonematodum. 1878: Agamonema.
alba Stoss., 1902c (d; e), 10 (70; 10), t. h. *Cyclodus boddaërtii*; Nuova Olanda.—1902: Physalopt.
albus Bast., 1865c, 117, in sandy soil; Broadmoor, Berks.—1865: Diplogaster.
albana Stoss., 1898c, 84, t. h. *Testudo græca*; Trieste.—1898: Oxyuris.
albibarbatus Montg., 1898c, 381; Ogove River, Africa.—1898: Chord.
albicans Sieb., 1848c, 292, t. h. *Yponomeuta cognatella*; by Sieb.—1848: Mermis.
albicilla Bennet & Olivier, 1826a, 13, for *albicillæ* (Asc.).
albicillæ Gmel., 1790a, 3033, t. h. *Falco albicilla*; by Bloch.—1790: Asc. [1809: Asc. depressa.]
albidum Bast., 1865c, 143, tidepools; Falmouth.—1865: Phanoderma.
albidus Bast., 1865c, 137, marine tidepools; Falmouth.—1865: Oncholaimus.
albulæ Rud., 1809a, 202, Gord. lacustris Kœl. renamed, t. h. *Salmo albulæ*; by Kœlreuter.—1809: Asc.
alcæ Müell., 1776a, 214, t. h. *Alca*.—1776: Asc. 1790: Echinor. 1791: Proboscidea. [1809: Nematoideum *alcæ-picæ*.]
alcæ-picæ Rud., 1819a, 188, 799, t. h. *Alca pica*; by Fabr.—1819: Dubium. 1851: Nematoideum.
alcedinis Rud., 1819a, 635, t. h. *Alcedo*; Brazil.—1819: Fil.
alcedinis Westrumb, 1821a, 40, t. h. *Alcedo galbula*; Brazil.—1821: Echinor.
alcedinis-galbula Dies., 1851a, 55, t. h. *Alcedo galbula*; Brazil.—1851: Echinor.
alcedinis-superciliosæ Mol., 1858c, 426, t. h. *Alcedo superciliosa*; Caiçara.—1858: Fil.
alcocki Linst., 1906, 7, t. h. *Cervus eldi*; Calcutta.—1906: Trichoc. 1911: Trichuris.
alepocephali Linst., 1899b, 9, t. h. *Alepocephalus rostratus*; Nizza.—1899: Asc.
alfortensis Rail. & Henry 1910, 214, t. h. *Bos taurus*; Alfort.—1910: Thelazia.
alienata Rud., 1819a, 661, t. h. *Nasua rufa*; Brazil.—1819: Asc. [1896: Asc. mystax.]
alienata Rud. of Leidy 1851b, 205, in *Mephitis americana*; Penn.—1851: Asc. [1856: Asc. columnaris.]
alfredi Cam., 1894b, 1; S. Pablo, S. A.—1894: Gord. 1897: Parachord.
alivud bradypodis-tridactyli Crep., 1844a, 115, t. h. *Bradypus tridactylus*.—1844: Nematoideum.
alli Beyerinck, 1883 [nv.]; Bos, 1886, 106.—1886: Tylenchus.
allodapa Crep., 1853 (1854a), 61, t. h. *Dicholophus cristatus*; Brazil.—1853: Oxyuris. [1861: *Allodapa*, type, cf. *typica*.] 1914: Het. 1914: *Allodapa*, type. 1914: *Subulura* (Het.).
aloisii-sabaudiz Par., 1907a, 3, t. h. *Agama atricollis*; Africa.—1907: Physalopt.
alongatus Schneidem., 1896a, 318, misprint for *elongatus* (Str.).
alosæ Herm., 1782a, 177, t. h. *Clupea alosa*; Strassburg.—1782: Echinor.
alosæ Bennet & Olivier, 1826a, 37, for *alosæ*, in *Clupea alosa*.—1826: Echinor.
alpestris Menz. in Hofmæn. & Menz., 1914, 87, stets in Moospolstern; in *Rhætikon u. auf dem Pitz Ot.*—1914: *Dorylaimus intermedius*.
alpestris Villot, 1884, 44 [nv.].—1884: Gord. 1897: Parachord. 1913: Chord.
alpinus Linst., 1901e, 278, t. h. *Schizopygopsis kozłowi*; Petrograd Mus.—1901: Echinor.
alpinus Micol., 1913, 118, in fresh water; Ostalpen.—1913: *Triodontolaimus*, tsd.
alpinus Micol., 1913, 115, aquatic; Lunz, Mittersee, Ostalpen.—1913: *Cephalobus*. 1914: *Chromadora* (*Parachromadora*).

- alpinus* Steiner, 1914, 272; Berner Oberland, Switz.—1914: Dorylaimus.
- alticola* Menz. in Hofmæn. & Menz., 1914, 87, t. h. Moospolstern; Pizot.—1914: Dorylaimus.
- aluconis* Müell., 1780, 2 [nv.]; 1784a, 86, t. h. Strix aluco; by Müell.—1780: Echinor. 1784: Echinor. 1908: Chentrosoma. 1911: Centror., mt.
- alveatum* Looss, 1900c, 185, t. h. Equus [donkey]; Egypt.—1900: Cyathost. 1902: Cylichnost. 1903: Cylicost.
- alvum occupantibus* Lucius, 1594 [nv.]; Celsus, 1567a, 1 [nv.].—1594: Lumbricus.
- ambigua* Bast., 1865c, 99, marine; Falmouth.—1865: Monhystera. 1907: Monohystera.
- ambigua* Rud., 1819a, 19, t. h. Lepus cuniculus, L. timidus; M. V.—1819: Oxyuris. 1845: Passalurus, mt. 1845: Oxyurus. 1882: Ossiuride.
- ambiguoides* Bütsch., 1874b, 263; Kieler Bucht.—1874: Monhystera.
- ambiguus* Duj., 1841a, 221, sur une infusion de chair; by Duj.—1841: Vibrio.
- ambiguus* Rud., 1802a, 43, t. h. Sterna hirundo; by Rud.—1802: Str. [1809: Str. dentatus.]
- amblymorina* Trav., 1913, 290, for amblymorina Drasche, 1882, t. h. Caprimulgus campestris; Brazil.—[1882: Het.] 1913: Ascaridia.
- amblymorina* Drasche, 1883a, 139 (1), t. h. Caprimulgus (Podager nacunda) campestris; Brazil.—1883: Heteracis. 1887: Het. [1913: Ascaridia.] 1914: Ascaridia.
- amblyozys* Ehrenb. [nv.]; 1838a, 83.—1838: Vibrio.
- americana* Stiles, 1902 v (w), 777, t. h. Homo; U. S. A.—1902: Unc. 1902: Unic. 1903: Ankylost. 1903: Unc. (Necator, tod.) 1904: Anchylost. 1905: Ancylost. 1905: Anchylost. 1906: Necator. 1908: Ankylost. 1905: Ankylost.
- americanum* Cobb, 1913, 436, about roots of corn, citrus trees; Atlantic & Pacific Slopes.—1913: Xiphinema, mt.
- americanus* Cobb, 1914, 90; Colorado.—1914: Ironus.
- americanus* Cobb, 1914, 96, in a spring; Chevy Chase, Md.—1914: Ethmolaimus.
- ammocetis* Linst., 1896i, 375, t. h. Ammocetes branchialis; Turin.—1906: Asc.
- ammodytis* Rud., 1819a, 56, t. h. Vipera ammodytes; M. C. V.—1819: Asc.
- ammonis* Rud., 1819a, 6, t. h. Ovis ammon; C. E. V.—1819: Str. [1851: Str. contortus. 1861: Oesophagost. acutum. 1900: O. venulosum.]
- amphacanthus* Grube, 1855 [nv]; Bast., 1865c, 172.—1865: Hemipsilus.
- amphicantha* Dies., 1851a, 246, t. h. Lemmus dasytrichus; Brazil.—1851: Ophiost. 1909: Rictularia. 1916: Rictularoides, mt.
- amphibia* Linst., 1899b, 15, t. h. Rana macronodon; Luzon.—1899: Physalopt.
- amphipachus* Westrumb, 1821a, 4, t. h. Erinaceus europæus; Wien.—1821: Echinor.
- amphisbæna* M. C. V. in Mol., 1861a, 577, t. h. Amphisbæna kingii; Caiçara.—1861: Deletroc. 1861: Str. 1899: Sclerost.
- amphisbæna-albæ* M. C. V. in Mol., 1861a, 529.—1861: Str. [1861: Str. cylindric.]
- amphiumæ* Leidy, 1856b, 56, t. h. Amphiuma means; [N. A.].—1856: Fil.
- anabatis* M. C. V. in Mol., 1858c, 401.—1858: Fil.
- anabatis* Mol., 1860b, 979, t. h. Anabates scandens; Brazil.—1860: Spiropt.
- anacanthura* Mol., 1860b, 966, t. h. Crotophaga ani, C. major; Cuyaba.—1860: Spiropt. 1897: Oxyspirura.
- analís* Mol., 1860c, 487, t. h. Ardea purpurea, Ciconia nigra; M. C. V.—1860: Disph.
- anas* Müell., 1786, 72.—1786: Vibrio. [1838: Amphileptus.]
- anatimum* Skrj., 1916, 461, t. h. Anas boschas, A. b. dom.; Central Asia.—1916: Epomidiost.
- anatis* Gmel., 1790a, 3033, t. h. Anas boschas; Bloch.—1790: Asc. [1809: Asc. inflexa.]
- anatis* Gmel., 1790a, 3045, t. h. Anas fusca; Gœze, 1782a, 164.—1790: Echinor.
- [*anatis*] Gœze, 1782a, 85, t. h. Anas.—1782: Asc. teres. [See anatis Gmel., 1790, and inflexa.]
- anatis* Rud., 1809a, 71, t. h. Anas; by Paullinus.—1809: Fil.
- anatis* Rud., 1809a, 215, t. h. Anas dom.; Geneva.—1809: Str. [1819: Str. tubifex. 1851: Eustr. tubifex. 1898: Hystrichis elegans.]
- anatis* Rud., 1819a, 29, t. h. Anas glacialis; C. E. V.—1819: Spiropt.
- anatis* Schrank, 1788a, 26, t. h. Anas dom.; Gœze, 1782, 163.—1788: Echinor. 1911: Filicollis, mt., tat.
- anatis* Schrank, 1790a, 119, t. h. Anas querquedula; Schrank.—1790: Trichoc. [1839: Cap., type.] 1893: Trichosoma. 1912: Trichosomum. 1915: Cap. (Cap.). tsd.
- anatis-boschadis* Marval, 1905a, 204, t. h. Anas boschas, see also anatis, versicolor, anatis-boschadis-dom., t. h. Anas boschas; Gœze, 1782.—1905: Echinor.
- anatis-boschadis-domesticæ* Rud., 1809a, 297, t. h. Anas boschas dom.; Gœze, 1782a, 163.—1809: Echinor.
- anatis-cygnoides* Dies., 1851a, 194, t. h. Anas cygnoides; Greifsw.—1851: Asc.
- natis-mollissimæ* Rud., 1809a, 304, t. h. Anas mollissima.—1809: Echinor.

- anatum* Rud., 1819a, 78, t. h. *Anas clangula*, etc.; C. E. V.—1819: Echinor.
- anceps* Frœl., 1802a, 36, t. h. *Falco nisus*; by Frœl.—1802: Asc. [1819: Spiropt. leptopt.]
- anchilostomum* Ward, 1895a, 311, so. *Unc. duodenalis*.—1895: Doch.
- anchylostomum* Mol., 1861a, 485, *duodenale* renamed, t. h. *Homo*.—1861: Doch.
- ancylostodirus* Ward & Magath, 1917, 58, t. h. *German carp*; Fairport, Ia.—1917: *Camallanus*.
- ancylostomum* R. Bl., 1888a, 744, for *anchylostomum* (Doch.).
- andersoni* Cobbold, 1876, 296, t. h. a squirrel; India.—1876: Asc. 1914: *Subulura*.
- androphora* Nitsch, 1821a, 48, t. h. *Triton tæniatus*; Ing.—1821: Asc. 1821: *Hedruris*, mt. 1836: *Heteroura*, type. 1851: Asc. (*Hedruris*).
- anechma* Southern, 1914a, 13; Clew Bay.—1914: *Monhystera*.
- aneurysmaticus* Rud., 1809a, 204, t. h. *Equus asinus*, E. cab.; Europe.—1809: Str. armatus minor. 1851: *Sclerost. armatum minor* 1877: *Sclerost.* 1897: Str.
- angiostoma* Schneid., 1866a, 155, *limacis* 1845 renamed, t. h. *Limax ater*; Saxony.—1866: *Leptodera*. [1845: *Angiost. limacis*, tat.] 1880: *Rhabditis*. 1908: Rh. (*Leptodera*).
- anguilla* Baird, 1853a, 23, for *anguillæ* (Asc.).
- anguilla* Lockwood, 1872a, 449, t. h. *Anguilla acutirostris*; near Keyport, N. J.—1872: *Koleops*, mt.
- anguillæ* Dies., 1851a, 115, t. h. *Anguilla vulg.*; Eng.—1851: *Trichina*.
- anguilla* Gmel., 1790a, 3035, t. h. *Anguilla*; quotes Redi.—1790: Asc. [1851: Asc. labiata.]
- anguillæ* Ishii, 1916, 314.—1916: Fil.
- anguillæ* Linst., 1899b, 9, t. h. *Anguilla vulg.*; Berl.—1899: Asc.
- anguillæ* Müell., (1780), 2 [nv.]; 1784a, 84, t. h. *Muræna anguilla*; by Müell.—(1780): Echinor. 1784: Echinor. 1911: *Acanthocephalus*, type.
- anguillæ* Schrank, 1788a, 14, based on Gœze, 1782.—1788: *Cucullanus*. 1809: *Cucullanus lacustris*.
- anguillula* Müell., 1773b, 41, in *glutine farinosa et alibi*; cf. *aceti*, *fluvialis* and especially *glutinis*.—1773: *Vibrio*. 1779: *Chaos*. [1786: *Anguillula*, tat.]
- anguillula aceti* (Müell., 1783) Bory, 1824n, 778.—1824: *Vibrio*.
- anguillula fluvialis* Müell., 1786a, 65, 68, for *fluvialis* 1783.—1786: *Vibrio*.
- anguillula glutinis* (Müell., 1783) Müell., 1786a, 64.—*Vibrio*.
- anguillula marina* (Müell., 1783) Müell., 1786a, 66.—1786: *Vibrio*.
- angulata* Rhind, 1829a, 102.—1829: *Oxyuris*.
- angulata* Rud., 1803a, 8, t. h. *Cottus scorpius*; Greifsw.—1803: Asc.
- angulatus* Linst., 1906, 243; Funchal, Madeira.—1906: Gord.
- angulivalvis* Crep., 1851a, 158, t. h. *Balæna rostrata*; Bergen.—1851: Asc.
- angustatus* Rud., 1802a, 53, t. h. *Esox belone*, *Gasterosteus aculeatus*; by Rud.—1802: Echinor.
- angusticephalus* Steiner, 1914, 433; Bellinzona, Schweiz.—1914: *Dorylaimus*.
- angusticollis* Mol., 1860e, 336, t. h. *Falco haliaëtus*, F. buteo; M. C. V.—1860: Asc.
- angustum* Duj., 1845a, 16, t. h. *Fringilla cœlebs*; by Duj.—1845: *Trichosomum*. [1845: *Trichosoma*.] 1915: Cap. (Cap.).
- angustus* Kaiser, 1893b, 25, lapsus for *angustatus*.—1893: Echinor.
- anhingæ* Wyman, 1868a, 100, t. h. *Plotus anhinga*; Florida.—1868: Fil.
- ani* Schrank., 1788a, 12, t. h. *Wasserkroeten*; by Gœze.—1788: Asc. [1790: Asc. bufonis. 1809: Asc. *brevicaudata*. 1851: Asc. *acuminata*.]
- anisitsi* Dayday, 1905, 48; Paraguay.—1905: *Aphanolaimus*.
- ankylostoma* Lutz, 1888f, 747, for *anchylostomum* (Doch.).
- ankylostomum* Huber, 1896a, 597, for *anchylostomum*. (Doch.).
- ankylostomum* Dugl., 1893a, 340, for *anchylostomum* (Dochmius).
- annandalei* Cam., 1908, 113, t. h. *Mantis*; Chitlong, Nepal.—1908: Chord.
- annulare* Gedelst, 1903a, 50, for *annulatum* Mol.? (*Trichosoma*).
- annularis* Rud., 1809a, 287, for *annulatus*, 1790.—1809: Echinor.
- [*annulata* Linn., (*Leptodira*, a snake).—1910: *Leptodera*, lapsus.]
- annulata* Linst., 1899b, 21, t. h. *Stellio vulg.*; Egypt.—1899: *Oxyuris*.
- annulata* Man, 1880a, 59, in moist soil; Holland.—1880: *Macroposthonia*, mt.
- annulata* Mol., 1858c, 386, t. h. *Cebus lagothrix*; Brazil.—1858: Fil.
- annulata* Mol., 1860e, 340, t. h. *Ophis saurocephalus*; Caiçara.—1860: Het. 1913: *Subulura*?
- annulata* Rizzo, 1902b, 31, t. h. *Gongylus ocellatus*; Catania.—1902: *Oxyuris*.
- annulata* Stoss., 1897b, 111, for *anulata* (Spiropt.).
- annulatum* Mol., 1858d, 156, t. h. *Phasianus gallus*; Padua.—1858: *Trichosoma*.
- annulatus* Dayday, 1905, 65, in fresh water; Paraguay.—1905: *Dorylaimus*.
- annulatus* Gmel., 1790a, 3048, t. h. *Cottus scorpius*, C. callarius, C. brama; by Müell.—1790: Echinor.

- annulatus* Linst., 1906, 243, t. h. *Ontonotus onos*; Amur, E. Siberia.—1906: Gord.
annulatus Linst., 1906, 246; Queensland, Australia.—1906: Parachord.
annulatus Mol., 1858d, 143, t. h. *Gadus merlucius*; Padua.—1858: Echinor.
annulatus Mol., 1859h, 29, t. h. *Labrax lupus*; Padua.—1859: Lecanoc. 1915: Goëzia.
annulatus Mol., of Dies., 1861a, 720, for *anulatus* 1860, t. h. *Palamedea cornuta*; Brazil.—1861: Str.
annulatus Schep., 1907a, 138; Nap.—1907: *Desmoscolex*.
annulatus Sieb., 1848a, 114, t. h. *Canis lupus*; Ing.—1848: Str.
annulifera Daday, 1905, 52; Paraguay.—1905: *Monhystera*.
annulosa Baird, 1853a, 8, t. h. *Steropus* (*Pterostychus*) *madidus*; Gr. Brit.—1853: Fil.
annulosa Daday, 1911, 504; Neuenburger-See.—1911: *Hydromermis*.
annulosum Duj., 1845a, 27, t. h. *Mus rattus*, *M. decumanus*; Rennes.—1845: *Calodium*, ? type. 1851: *Trichosomum* (*Calodium*). 1889: *Trichosoma* (*Calodium*). 1916: Cap.
anolabiata Mol., 1860b, 981, t. h. *Crax fasciolata*; Brazil.—1859: *Spiropt*. 1897: Fil. 1904: *Oxyspirura*. 1910: *Thelazia*.
anomala Linst., 1904f, 7, t. h. *Tropidonotus piscator*; Colombo.—1904: Het. 1916: Tanqua.
anomala Mol., 1860d, 650, t. h. *Felis onça*; Matogrosso, Brazil.—1860: *Physalopt*.
anoura Duj., 1845a, 221, t. h. *Pithon bivittatus*; Mus. Paris.—1845: Asc. (*Polydelphis*, mt.). 1853: *Polydelphis*. 1853: Asc. [1861: *Asc. attenuata*.]
anser Müell., 1773b, 46, in aquis, ubi Lemna, hospitatur.—1773: *Vibrio*. [1822: *Amiba*. 1838: *Amphileptus*.]
anseris Nitzsch in Rud., 1809a, 86.—1809: Fil. [1809: *Trichoc. capillaris*.]
anseris Zed., 1800a, 73, in duodeno *Anserum saginatorum*, t. h. *Anser*.—1800: Str. 1909: *Sclerost*. 1909: *Amidost. tod*.
antarctica Cobb, 1914, 8, Bay; Cape Royds.—1914: *Euchromadora*.
antarctica Cobb, 1914, 8, Bay; Cape Royds.—1914: *Monhystera*.
antarctica Cobb, 1914, 8, Bay; Cape Royds.—1914: *Spilophora*.
antarctica Cobb, 1914, 8; Cape Royds.—1914: *Sabatieria*.
antarctica Leiper & Atkinson, 1914, 226, t. h. *Mustelus antarcticus*.—1914: *Terranova*, mt.
antarctica Linst., 1899b, 15, t. h. *Acanthophis antarctica*, *Cyclodus occipitalis*; S. Australia.—1899: *Physalopt*.
antarcticum Linst., 1892a, 3, marine; Süd-Georgien.—1892: *Leptosomatum*.
antarcticum Linst., 1896a, 11, aquatic; Uschuaia.—1896: *Symplocost*.
antarcticum Linst., 1907, 2.—1907: *Thoracost*.
antarcticus Cobb, 1914, 8, Bay; Cape Royds.—1914: *Aplectus*, mt.
antarcticus Linst., 1896a, 9, free; Uschuaia.—1896: *Oncholaimus*.
antarcticus Man, 1904, 8, sur une algue d'eau douce; Terre de Danco, etc.—1904: *Plectus* (*Plectoides*).
antarcticus Rennie, 1907a, 437, t. h. *Leptonychotes weddelli*; S. Orkneys.—1907: Echinor.
antarcticus Steiner, 1916, 315; Discovery Bay, Antarctic.—1916: *Dorylaimus*.
anterohelicina Mol., 1860b, 975 (67), t. h. *Bradypus tridactylus*; M. C. V., Brazil.—1860: *Spiropt*.
anterospiralis Mol., 1860e, 337, t. h. *Felis concolor*; Caiçara.—1860: Asc. [1896: *Asc. mystax*.]
anthicola Linst., 1903u, 272, t. h. *Anthus richardi*; N. China.—1903: Fil. 1917: *Aprocta*.
anthochæræ Johnst., 1912, 111, t. h. *Anthochæra carunculata*; Coll. Krefft, E. Australia.—1912: *Ceratospira*. 1912: *Oxyspirura*.
anthochæræ Rail., 1916, 105 (for *anthochæræ*) (*Oxyspirura*).
anthophorus Savelev, 1912, 116; Kolafjord, Hirschenfjord.—1912: *Oncholaimus*.
anthuris of Dies., 1851a, 215, (in part).—1851: *Spiropt*. [1860: *Spiropt. sygmoidea*.]
anthuris Duj., 1845a, 528, t. h. *Triton cristatus*, *T. punctatus*; Rennes.—1845: Echinor. 1911: *Acanthoc*.
anthuris Rud., 1819a, 25, t. h. *Coracias garrula*, *Oriolus galbula*; M. V.—[1811: *Acuaria*, type.] 1819: *Spiropt. tsd*. [1819: *Anthuris*, tat.] 1866: Fil. 1845: *Disph.*, tsd. [1905: *Acuaria*, type.] 1912: *Acuaria* (*Acuaria*, type).
anticlava Mol., 1858c, 381, t. h. *Dasypus gilvipes*; Aldea S. Anna, Brazil.—1858: Fil.
antilopes Rud., 1810a, 265, t. h. African Bock.—1810: *Vermis* (*dubius*). 1819: *Dubium*. 1851: *Nematoideum*.
anulata Mol., 1860b, 983, t. h. *Ciconia maguari*; Brazil.—1860: *Spiropt*.
anulatus Mol., 1860e, 350, t. h. *Palamedea cornuta*; Egenbo do Cap Gama.—1860: Str.
anuligera Crep., 1846a, 138, t. h. *Colymbus cristatus*, etc.; by Crep.—1846: Asc.
anulosa Trav., 1915, 150 for *annulosa* Duj. 1845.—1915: Cap. (Cap.).

- anura* Crep., in Retz., 1848a, 166, for *anoûra*, t. h. *Python bivittatus*.—1848: Asc. [1896: Asc. *attenuata*.]
- apapillocephala* Cond.-Franc., 1892e, 168, s. *inermis* Grassi, t. h. horse and ass; Italy.—1892: Fil.
- aphidis gallarum abietis* Dies., 1851a, 100; t. h. *Chermetis abietis* larva.—1851: Fil. 1851: Gord.
- aphroditæ* Chiaje [nv.]; Par., 1894a, 244, t. h. *Aphrodite aculeata*; Nap.—1894: Fil.
- aphrophoræ-spumariæ* Dies., 1851a, 100, t. h. *Aphrophora* (*Ptyela*) *spumaria*.—1851: Gord.
- [*apiarium* Bosc, 1812a, 72, t. h. *abeille*; by *Labillardiere*.—1812: *Dipodium*, mt. (Insect).]
- apiculigera* Jægers., 1898a, 738, misprint for *spiculigera* (Asc.).
- api-cancriformis* Dies., 1851a, 86, t. h. *Apus cancriformis*.—1851: Gord.
- apiostomum* Willach, 1891c, 340, t. h. *Macacus cynomolgus*; Germany.—1891: Sclerost. 1905: Oesophagost.
- apis-terrestris* Cat. RÖSL, 1830, 37, t. h. *Humble-bee*.—1830: Fil.
- appendiculata* McCrady, 1874a, 189, hng.—1874: Fil.
- appendiculata* Mol., 1860b, 982, t. h. *Eurypyga helias*; Brazil.—1860: Spiropt.
- appendiculata* Schneid., 1866 [nv.]; Raill., 1916, 139, in *Triton tæniatus*.—1916: Fil.
- appendiculata* Stoss., 1897a, 4, t. h. *Brama rayi*, *Pelamys sarda*; Trieste.—1897: Asc.
- appendiculatum* Leidy, 1850e, 101, t. h. *Blatta orientalis*; Leidy.—1850: Thelast. [1850: *Aorurus*.] 1853: Thelast. 1857: Th. (*Aorurus*). 1861: *Anguillula* (Thelast.). 1877: *Oxyuris*. 1879: *Oxyurus*.
- appendiculatum* Mol., 1861a (b), 120, t. h. *Coluber lichtensteini*, etc.; Brazil.—1861: Kalic. 1899: Sclerost. 1909: *Diaphanoc*.
- appendiculatum* Schneid., 1859a, 176.—1859: *Alloionema*, mt. 1863: *Alloeonema*. 1866: *Leptodera*. 1876: *Rhabditis* (*Leptodera*). 1885: *Cephalobus*.
- appendiculatus* Westrumb, 1821a, 15, t. h. *Sorex araneus*; Wien.—1821: Echinor.
- applanata* Linst., 1899b, 5, t. h. *Chamæleo melleri*; Deutsch-Ostafrika.—1899: Asc.
- apri* Dies., 1851a, 119, t. h. *Capros aper*; Nap.—1851: *Agamonema*.
- apri* Gmel., 1790a, 3032, t. h. *Sus scrofa*; by Gœze.—1790: Asc. 1803: Fus. 1809: Gord. *pulmonalis*. [1809: Str. suis. 1851: Str. *paradoxus*.] 1895: Str. 1907: Metastr., type. 1910: Sclerost.
- apri* Gmel., 1790a, 3038, in apro; Gœze, 1782a.—1790: *Trichoc*. 1803: *Mastigodes*.
- apterycis* Chatin, 1885a, 38, t. h. *Apteryx* [mantelli]; ? isle Campbell or Nouvelle Zeland.—1885: Asc.
- aquatica* Büetsch., 1873a, 69, in water; F. a. M.—1873: *Anguillula*.
- aquatica* Micol., 1913, 546, aquatic; Ost-Alpen.—1913: *Rhabditis*.
- aquaticus* Daday, 1894, 128, aquatic; Balaton.—1894: *Aphanolaimus*.
- aquaticus* Daday, 1896, 414.—1916: *Prismatolaimus*.
- aquaticus* Klein, 1755, 68.—1755: *Lumbricus*, 1874: *Gordius*.
- aquaticus* Linn., 1758a, 647; in *argilla et aquis*.—1758: Gord. 1755: *Lumbricus*. 1638: Vitulus. 1674: Seta. (1760) 1768: Seta.
- aquaticus* Man, 1880a, 60, in fresh water.—1880: *Rhabdolaimus*.
- aquaticus* Micol., 1913, 120, in fresh water; Untersee Ostalpen.—1913: *Tylencholaimus*. 1917: *Criconema*. 1917: *Hoplolaimus*.
- aquaticus difficilis* Montg., 1898a, 31, N. Carolina.—1898: Gord.
- aquaticus robustus* (Leidy, 1856) Montg., 1898a, 28.—1898: Gord.
- aquatus* Lauterborn, 1913, 871, for *aquaticus* (Gord.).
- aquatilis* Duj., 1845a, 68, free under leaves of *Nymphaea*; Rennes.—1845: Fil. [1845: Fil. *lacustris*.] 1878: Mermis. 1902: *Paramermis*. 1911: *Limnomermis*.
- aquilæ* Gmel., 1790a, 3033, t. h. *Falco chrysaetos*; Redi.—1790: Asc. 1803: Fus. 1809: Fil. [1853: Fil. *attenuata*.]
- aquillæ* S., F., & W., 1908a, 287, t. h. *Haliaëtus leucoc.*; Phila. Zool. Gard.—1908: Asc.
- aranæx* Rud., 1809a, 78, t. h. *Aranea* sp.; by Latr.—1809: Fil. 1851: Gord.
- aranearum* Schrank, 1803b, 186 t. h. eine Spinne; Roesel.—1803: Fil. 1815: Gord. (Fil.).
- arctica* Linst., 1880a, 42, t. h. *Diomedea leucops*; N. Pacific.—1880: Asc.
- arcticus* Cobb, 1888a, 24, t. h. *Beluga leucas*; N. Eismeer.—1888: Str. 1906: *Pseudalius*.
- arcticus* Linst., 1901e, 280, t. h. *Gadus callarias*; Behring Isl.—1901: Echinor.
- arcticum* Savelev, 1912, 124, in *Lithothamnium murmanicum*; Palafjord.—1912: Thoracost.
- arcuatâ* Cobbold, 1874h, 83, t. h. *Equus cab.*; Eng.—1874: *Trichonema*, mt. 1875: *Trichozema*.
- arcuata* Linst., 1907, 252, t. h. *Astur* sp., *Falco peregrinus*; Brandenburg, and Berl. (? from China).—1907: Asc.

- arcuatus* Dies., 1851a, 47, t. h. *Macrodon trahira*; Brazil.—1851: Echinor. [1907: Echinoma.]
- ardea* Bennet & Olivier, 1826a, 32, for *ardeæ*? (Echinor.).
- ardea* Fox, 1912, 36, t. h. *Ardea herodias* (for *ardeæ*? 1908).—1912: Asc.
- ardeæ* Dies., 1851a, 194, t. h. *Ardea cinerea*; Ireland; by Bellingh., 1844a, 174.—1851: Asc.
- ardeæ* Frœl., 1802a, 44, t. h. *Ardea cinerea*; by Frœl.—1802: Asc.
- ardeæ* Gmel., 1790a, 3046, t. h. *Ardea cinerea*; Gœze, 1782a, 152.—1790: Echinor.
- ardeæ* M. C. V. in Mol., 1858c, 391.—1858: Fil. [See subspiralis.]
- ardeæ* Mol., 1860b, 981, t. h. *Ardea coçoi*; Brazil.—1860: Spiropt.
- ardeæ* Nawrotzky, 1914, 361, t. h. *Ardea alba*; Petrograd Zool. Gard.—1914: Fil.
- ardeæ* S., F., & W., 1908a, 287, t. h. *Ardea herodias*; Phila. Zool. Gard.—1908: Asc.
- ardeæ* S., F., & W., 1908a, 293, t. h. *Ardea herodias*; Phila. Zool. Gard.—1908: Disph.
- ardeæ* Stoss., 1897b, 60, for *ardeæ* (sublingualis), t. h. *Ardea exilis*; Brazil.—1897: Fil.
- ardeæ-albæ* Rud., 1809a, 307, *garzæ* renamed, in *Ardea alba*; Redi.—1809: Echinor.
- ardeæ-cinereæ* Rud., 1809a, 72, t. h. *Ardea cinerea*; by Braun.—1809: Fil.
- ardeæ-exilis* M. C. V. in Mol., 1858c, 428, t. h. *Ardea exilis*; Rio Araguay.—1858: Fil. [1858: F. *ardeæ* (sublingualis).]
- ardeæ-maguari* M. C. V. in Mol., 1860b, 932 (24), t. h. *Ciconia maguari*.—1860: Spiropt. [1860: Disph. *longeoratus*.]
- ardeæ-nigræ* Braun in Rud., 1809a, 426, t. h. *Ardea nigra*; by Braun.—1809: Echinor. [so. Dist. *ferox*.]
- ardeæ-nigræ* Rud., 1819a, 9, t. h. *Ardea nigra*; by Rosa.—1819: Fil.
- ardeæ-nycticoracis* Cobbolt, 1861e, 123, t. h. *Ardea nycticorax*; Lond. Zool. Gard.—1861: Fil.
- ardeæ-purpureæ* Crep., 1846b, 165; quotes Aless.—1846: Fil.
- ardeæ-purpureæ* Rud., 1819a, 78, t. h. *Ardea purpurea*; C. E. V.—1819: Echinor.
- ardeæ-stellaris* Rud., 1819a, 37, t. h. *Ardea stellaris*; C. E. V.—1819: Str.
- ardeæ* (sublingualis) Mol., 1858c, 428, t. h. *Ardea exilis*; Rio Araguay.—1858: Fil.
- ardearum* Rud., 1819a, 55, t. h. *Ardea comata*, A. *purpurea*; lng.—1819: Asc. [1850: Asc. *microc*.]
- ardearum* Rud., 1819a, 636, t. h. *Ardea*; Brazil.—1819: Fil.
- arenaria* Neal, 1889, 27, t. h. *Capsella bursa-pastoris*, etc.; U. S. A.—1889: Anguillula. 1913: Tylenchus.
- arenarius* Muell., 1774a, 33; in fundo sabuloso Sinus Christiensis norvegia.—1774: Gord. [?1787: Lumbricus.]
- arenarius* Muell., 1776, 216.—1776: Lumbricus.
- arenicola* Man, 1880a, 13, in sand; Holland.—1880: Tripyla.
- arenicola* Lauterborn, 1906, 268, in water; Johanniskreuz in Pfalzerwald.—1906: Mermis. 1913: Paramermis.
- areolatus* Linst., 1906, 245; Boschabelo, S. E. Africa.—1906: Paragord.
- areolatus* Rud., 1819a, 69, t. h. *Motacilla atricapilla*; M. V.—1819: Echinor.
- argentinæ* Gmel., 1790a, 3037, t. h. Argentina; by Redi.—1790: Asc. 1803: Fus. [1810: Dubium *arg-sphyrænæ*. 1851: Nematoideum *arg-sph*.]
- argentinæ* Gmel., 1790a, 3049, t. h. Argentina; Redi.—1790: Echinor. 1819: Tetrar.
- argentinæ* Rud., 1819a, 60, t. h. Argentina *sphyræna*; Rome.—1819: Asc. [1896: Asc. capsularia.]
- argentinæ* Rud., 1819a, 80, t. h. Argentina *sphyræna*; Redi.—1819: Echinor.
- argentina-sphyrænæ* Rud., 1810a, 282, Argentina *sphyræna*; Redi.—1810: Vermis (dubius). 1819: Dubium. 1851: Nematoideum.
- argillaceæ* Linn., 1758a, 647; intra *argillam*.—1758: Gord.
- armadillonis-pillularis* Leidy, 1852b, 243, t. h. *Armadillo pillularis*; by Leidy.—1852: Nematoideum *intestinatorum*. 1916: Agamonematomum.
- armata* Gescheidt, 1833a, 442, t. h. *Falco lagopus*; by Gescheidt.—1833: Fil.
- armata* Mol., 1860b, 971, t. h. *Dicotyles albirostris*; Brazil.—1860: Spiropt.
- armata* Perrier, 1871a, 1, t. h. *Emys picta*; Paris Mus.—1871: Hedurus.
- armata* Pol., 1859 [nv.]; Par., 1894a, 225, 627; t. h. *Lacerta muralis*; Padova.—1859 or 1894: Oxyuris.
- armata* Rud., 1801a, 57, based on Zed., 1800a, 100.—1801: Gœzia, tsd.
- armatum* Barrois [nv.]; Schep., 1907a, 158.—1907: Chaetosoma.
- armatum* Linst., 1889a, 10, in *Myoxus glis* (? for *cristatum* Rud.).—1889: Ophiost.
- armatus* Blanc, 1912, 456, t. h. *Macacus cynomolgus*.—1912: Streptopharagus, mt.
- armatus* Büetsch., 1873a, 90, on roots einer Walderdbeere; Germany.—1873: Plectus.
- armatus* Daday, 1894, 134, aquatic; Balaton.—1894: Mononchus *macrost*.
- armatus* Hofmæn., 1913, 631, aquatic; Villeneuve.—1913: Diplogaster.
- armatus* Rud., 1802a, 38, t. h. *Equus cab*.—1802: Str. 1809: Sclerostomum. 1895: Figuris.

- armatus* Zed., 1800a, 92, t. h. *Perca vulg.*; by Zed.—1800: *Cucullanus*.
armatus Zed., 1803a, 50, t. h. *Silurus glanis*.—1803: *Cochlus*, type.
armatus major of Rud., Cat. RCSL, 1830, 39; Rayer, 1843b, 9; t. h. *Equus*.—1830: Str. 1843: Str.
armatus major, intestinalis Rud., 1809a, 205.—1809: Str. 1851: *Sclerost*.
armatus minor aneurysmaticus Rud., 1809a, 204, t. h. *Equus asinus*, E. cab.; Europe.—1809: Str. 1851: *Sclerost*.
armatus proles Rud., 1808a, 325.—1808: Str. [1851: *Sclerost. tetracanthum*.]
armatum minor Rail., 1884f, 255, t. h. *Equus cab.*; Saumur.—1884: *Sclerost*.
armatus minor of Rud.; Cat. RCSL, 1830, 39; Rayer, 1843b, 1; t. h. *Equus cab.*.—1830: Str. 1843: Str.
armiger Müell., 1776, 215.—1776: *Lumbricus*.
armillata Rail. & Henry, 1909, 128, t. h. *Bos*; India.—1909: *Onchocerca*. 1912: *Onchocerca*.
arnfeldi Cagney & Gobert, 1904a, 698, for *arnfieldi* (Str.).
arnfieldi Cobbold, 1884b, 4, t. h. *Equus asinus*; Gr. Brit.—1884: Str. 1907: *Dictyocaulus*. 1912: *Metastr.* 1913: Str. (*Dictyocaulus*).
arnsfeldi Müell., 1889a, 290, misprint for *arnfieldi* (Str.).
arquata Schneid., 1866a, 77, t. h. *Crypturus cupreus*; Brazil.—1866: Het. 1914: *Ascaridia*.
arsenoidea Hagmeier, 1912, 563.—1912: *Mermis*.
ascanides Rud., 1805a, 41, misprint for *ascaroides* (*Cucullanus*).
ascaris Dies., 1851a, 557, t. h. *Byrrhus pilula*, etc.; Berl.—1851: *Anguillula*.
ascaris-rubicundæ Stoss., 1895c, 36 (6), t. h. *Python reticulatus*; Singapore.—1895: *Agamonema*.
ascarioidea Hall, 1916a, 203, t. h. *Geomys breviceps*; Oklahoma.—1916: *Protospirura*.
ascaroides Gœze, 1782a, 40, t. h. *Silurus*; by Gœze.—1782: *Cucullanus*. 1803: *Cucullus*. 1805: *Prionoderma*, mt. 1915: *Gœzia*, type.
ascaroides Lauterborn, 1913, 871.—1913: *Paramermis*.
ascaroides Linst., 1897b, 322, t. h. *Cercopithecus mona*; Ing.—1897: Fil.
ascaroides Nitzsch in Gieb., 1857a, 268, t. h. *Falco peregrinus*; Coll. Nitzsch.—1857: *Spiropt.*
asetosa Southern, 1914a, 18; Clew Bay.—1914: *Oxyst.*
asini Cond.-Franc., 1892e, 173, t. h. *Equus asinus*; by Riv.—1892: Fil. oculi.
asini-feri Rud., 1809a, 125, based on Pall., 1781.—1809: *Asc. lumbricoides*.
asininus Viborg, 1795, 237 [nv.]; Rud., 1809a, 207; t. h. *Equus asinus*.—1795: Str.
askenasyi Büetsch., 1873a, 39, t. h. *Hypnum cupressiformis*; Feldburg.—1873; *Tylenchus*.
asmilium R., H., & J., 1913, 264, t. h. *Cercopithecus callitrichus*, C. patas; Haute Guinée française.—1913: *Characost*.
aspera Büetsch., 1873a, 113, in faulenden Runkelrüben; by Büetsch.—1873: *Rhabditis*.
aspera Nitzsch in Gieb., 1857a, 268, t. h. *Strix brachyotis*; Coll. Nitzsch.—1857: Fil.
asperum Rail. & Henry, 1913, 507, t. h. *chèvre*; Ancon, Canal Zone.—1913: *Oesophagost.* (*Hysteracrum*).
aspidophori Ben., 1871a, 34, t. h. *Aspidophorus europæus*; Belgium.—1871: *Asc.*
aspii Dies., 1851a, 121, t. h. *Aspius rapax*; Berl.—1851: *Agamonema*.
assimilis Büetsch., 1873a, 93, in Moos eines Baumstammes; by Büetsch.—1873: *Plectus*.
astaci-fluviatilis Dies., 1851a, 7, t. h. *Astacus fluviatilis*; Sieb., 1853a, 64.—1851: *Echinor.* [1851: *Gregarina miliaria*.]
astrophidis major Stoss., 1896a, 77, for major *astrophidis-tigridis*, t. h. *Astrophis tigris*.—1896: *Asc.*
astrophidis minor Stoss., 1896a, 77, for minor *astrophidis-tigridis*, t. h. *Astrophis tigris*.—1896: *Asc.*
astrophidis-tigridis Dies., 1851a, 195, t. h. *Astrophis tigris*; Lamarepicquot.—1851: *Asc. major*.
astrophidis-tigridis Dies., 1851a, 195, t. h. *Astrophis tigris*; Lamarepicquot.—1851: *Asc. minor*.
astrophidis-tigridis major Dies., 1851a, 563, for major *astrophidis-tigridis* (*Asc.*).
astrophidis-tigridis minor Dies.; 1851a, 563, for minor *astrophidis-tigridis* (*Asc.*).
asturinus Johnst., 1913, 93, t. h. *Astur novæhollandiæ*; N. Queensland.—1913: *Gigantor.*
asus Müell., 1790, 194, misprint for *acus* (*Asc.*).
atak Muell., 1776a, 214.—1776: *Asc.* [1845: *Ophiost. dispar.*]
ateri Fuchs, 1914, 205.—1914: *Tylenchus dispar.*
atherinæ Rud., 1819a, 60, t. h. *Atherina hepsetus*; Nap.—1819: *Asc.*
atherinæ Rud., 1819a, 80, t. h. *Atherina hepsetus*; Nap.—1819: *Echinor.*

- atratus* Linst., 1896a, 10, free; Navarin, Puerto Toro.—1896: Enoplus.
atratus Linst., 1901a, 1, in water; Padua.—1901: Dorylaimus.
attentus Man, 1880a, 6, free; Holland.—1880: Aphanolaimus, mt.
attenuata Mol., 1858d, 147, t. h. *Python tigris*; Padua.—1858: Asc. [1891: Asc. anoura.]
attenuata Mol., 1858 (1859e), 299, t. h. *Leuciscus cavedanus*; Padua.—1859: Dacnitis. 1888: Het.
attenuata Rud., 1803a, 3, t. h. *Corvus cornix*; by Rud.—1803: Fil. 1815: Gord. (Fil.).
attenuata Rud., 1819a, 25, t. h. *Hirundo urbica*, etc.; M. V.—[1811: Acuaría.] 1819: Spiropt. 1845: Disph. 1912: Acuaría (Acuaría).
attenuata Zed., 1803a, 38, t. h. *erucis*; Ing.—1803: Fil.
attenuatum Leidy, 1849a, 231, t. h. *Julus marginata*; by Leidy.—1849: Thelast. [1849: Aorurus.] 1861: Anguillula (Thelast.).
attenuatus Duj., 1845a, 236, in water among algae; Lorient.—1845: Oncholaimus, ?tsd. 1851: Enoplus.
attenuatus Leidy, 1856b, 54, t. h. *Cynoc. porcarius*; Ing.—1856: Str. [1861: Str. cynocephali.] 1906: Oesophagost.
attenuatus Lint., 1890a, 529, t. h. *Acipenser brevirostris*; Woods Hole.—1890: Echinor.
attenuatus Man, 1880a, 94, in moist soil; Holland.—1880: Dorylaimus.
attenuatus Man, 1907, 241, free; Ierseke.—1907: Linhomœus (Paralinhomœus).
attenuatus Mol., 1860e, 351, t. h. *Dicotyles albirostris*; Caiçara.—1860: Str. [1898: Str. molini.]
attenuatus Müell., 1779a, 89, t. h. *Pleuronectes limanda*; Europe.—1779: Echinor.
attenuata falconis-picti M. C. V. in Mol., 1858c, 392, t. h. *Falco swainsonii*; Caiçara, Matagrosso, Brazil.—1858: Fil. [1858: Fil. verrucosa.]
attenuata strigis-flammæ M.C.V. in Mol., 1858c, 408, t. h. *Strix flammea*; Ypanema, Brazil.—1858: Fil. [1858: Fil. hystrix.]
attenuato-verrucosa M. C. V. in Mol., 1858c, 394, t. h. *Thamnophilus canadensis*; Brazil.—1858: Fil. [1909: F. (Diplotriæna).]
aubæformis Mosler & Peiper, 1894a, 314, in Affen.—1894: Trichoc.
aucta Rud., 1802a, 26, t. h. *Blennius viviparus*; by Rud.—1802: Asc. 1803: Fus. 1809: Asc.
audinflatum Kowal., 1904, 25 (10), misprint for caudinflatum (Trichosoma).
aulicatina Skrz., 1916, 461, t. h. *Hæmatopus ostralegus*; Russian Turkestan.—1916: Schistorophus.
auræ Trav., 1913, 252, t. h. *Cathartes aura*; Piahy, Brazil.—1913: Gigantor.
aurantiacus Mont., 1905e, 1, misprint for aurantiacus (Echinor.).
aurantiacus Linst., 1906, 246; Honduras.—1906: Chord.
aurantiacus Risso, 1826a, 261, t. h. *Vogmar d'Aristote*; Alpes maritimes.—1826: Echinor. 1908: Bolbosoma.
auratum Luetken, 1876, 508, in ducks; quotes Hayem.—1876: Sclerost. [See also armatum.]
auriculata Stoss., 1896a, 42, for auriculata (Asc.).
auricularis Rud., 1802a, 25, t. h. *Ovis aries*; by Rud.—1802: Trichoc.
auricularis Zed., 1800a, 73, t. h. *Rana temp.*; Europe.—1800: Str. 1878: Storgylus.
auriculata Rud., 1819a, 655, t. h. *Coluber* sp.; Brazil.—1819: Asc.
auriculatum Looss, 1900c, 189, t. h. *Equus* (donkey); Egypt.—1900: Cyathost. 1902: Cylichnost. 1903: Cylicost.
auriculatus Büetsch., 1873a, 91, in moss; Germany.—1873: Plectus.
auriculatus Kûech, 1857a, 386, for auricularis? (Str.).
auriculatus Savelev, 1912, 109, in Lithothamnium murmanicum; Parafjord.—1912: Enoplus.
aurita Linst., 1879a, 168, t. h. *Anous melanogenys*; Madagascar.—1878: Asc.
aurita Nitzsch in Gieb., 1857a, 268, t. h. *Falco peregrinus*; Coll. Nitzsch.—1857: Spiropt.
auritæ Trav., 1914, 429; 1915, 153, t. h. *Didelphis aurita*.—1915: Cap. (Cap.).
ausculata Sieb., 1814, 125, for osculata? (Asc.).
australe Linst., 1905cc, 272, marine.—1905: Leptosomatum.
australis Cobb, 1893b, 266 (17), in grass; Australia.—1893: Diplogaster.
australis Cobb, 1893b, 278, on grass; Australia.—1893: Rhabditis.
australis Cobb, 1893b, 287(38), on roots of plants; Australia.—1893: Prismatolaimus.
australis Cobb, 1893a, 824(47), in soil; N. S. Wales.—1893: Bastiana.
australis Cobb, 1893a, 824(47), in soil; N. S. Wales.—1893: Monhystra.
australis Cobb, 1894c, 409; N. S. Wales.—1894: Bathylaimus, mt.
australis Linst., 1897c, 610, t. h. *Petrogale penicillata*; Australia.—1897: Fil.
australis Linst., 1898e, 161; New Zealand.—1898: Mermis. [Agamomermis.]
australis Linst., 1898c, 282, t. h. *Baza bismarcki*, *Ninox odiosa*; Bismarck Archipelago.—1898: Asc.

- australis* Linst., 1898c, 285 t. h. *Macropygia nigrirostris*; Ralum.—1898: Het. 1914: Ascaridia.
- australis* Man, 1904a, 17, on *Eurypodius latreilli*; Orange Bay, Terre de Feu.—1904: *Enoplolaimus*.
- austriaca* Micol., 1913, 121, aquatic; Untersee, Ostalpen.—1913: *Limnomermis*.
- avenæ* Bast., 1865c, 122, t. h. oats; Broadmoor, Berks.—1865: *Aphelenchus*, tsd.
- [*aviaria* Crep., 1853b (1854a), 62, not as specific name.—1853: *Oxyuris*.]
- avis* Luckey, 1908, 32, misprint for *ovis* (Asc.).
- avium* A., D., & E., 1901b, 26, t. h. *Cinnyris fuliginosa*, etc.; W. Africa.—1901: *Fil. spiralis*.
- avium* A., D., & E., 1901b, 30, t. h. *Hyphantornis aurantus*, H. sp., etc.; W. Africa.—1901: *Fil. fusiformis*.
- avium* Fabr., 1794, 31.—1794: *Cucullanus*.
- avium major* A., D., & E., 1901b, 31, see *spiralis avium major* (Fil.).
- axei* Cobbold, 1879b, 383, t. h. *Equus asinus*; Eng.—1879: Str. 1909: *Trichostr.*
- axei* Cobbold, 1884b, 5, t. h. *Equus cab.*; Eng.—1884: *Pelodera*.
- bacillaris* Mol., 1858c, 379 t. h. *Champsia nigra*, C. sclerops; Matogrosso, Cujaba, M. C. V.—1858: *Fil.*
- bacillaris* Zed., 1803a, 159, t. h. *Mergus minutus*; by Bloch.—1803: *Echinor.*
- bacillata* Eberth, 1863a, 19, free; Nice.—1863: *Phanoglene*. 1865: *Leptosomatum*.
- bacillatum* Eberth, 1863a, 48, t. h. *Mus musculus*.—1863: *Trichosoma*. 1915: *Cap.* (Thominx).
- bacillum* Schlotthauber, 1860a, 127, t. h. *Cuculus canorus*; by Schlotth.—1860: *Asc.*
- bacillus* Müell., 1773b, 40.—1773: *Vibrio*. 1815: *Enchelys*.
- baeri* Cam., 1896d, 124; *Iter Caspium*.—1896: *Chord*.
- bairdi* Stoss., 1899d, 133, *mucronatum* Baird renamed, t. h. *Phrymaturus palluma*.—1899: *Sclerost*.
- bakodyi* Cobbold, 1879b, 317, t. h. fowls and rats; by Bakody.—1879: *Trichina*.
- balanæ* Gmel., 1790a, 3045, t. h. *Balæna* sp.; teste Phipps.—1790: *Echinor.*
- balanocephalus* R. Owen in Cat. RCSL, 1830, 45, t. h. *Balæna rostrata*.—1830: *Echinor.*
- balatonica* Daday, 1894, 134, aquatic; Balaton.—1894: *Chromadora*.
- balatonicus* Daday, 1894, 131, aquatic; Balaton.—1894: *Desmolaimus*.
- balatonicus* Daday, 1894, 138, in sand; Balaton.—1894: *Rhabdolaimus*.
- balanæ* Blainv., 1819, 208, for *balanæ* (Echinor.).
- balisticola* Linst., 1905bb, 185; t. h. *Balistes mitis*, B. stellatus; Ceylon.—1905: *Asc.*
- balistes* Linst., 1905bb, 184, t. h. *Balistes mitis*, B. stellatus; Ceylon.—1905: *Asc.*
- balsami* Par. & Grassi, 1877b(c), 190(1), t. h. *Felis* "cattus;" Italy.—1877: *Doch.*
- 1888: *Ankylost.* [1888: *Ancylost.* 1882: *Strongilo.*] 1894: *Unc.* 1895: *Doch. tubæformis*.
- balsami felis* Züern, 1882a, 262, t. h. cat.—1882: *Doch.*
- balsamis felis* (Züern, 1882a) Frechner, 1915, 919, for *balsami felis* (Doch.).
- balsamoi* Cohn, 1899a, 8, misprint for *balsami*.—1899: *Unc.* 1900: *Doch.*
- baltica* Schneid., 1906c, 30, free; Gulf of Finland.—1906: *Chromadora*.
- balticus* Schneid., 1906c, 35, free; Bucht von Tvärminne.—1906: *Sphærolaimus*.
- balzani* Cam., 1896a, 9; Genova Mus., from Bolivia.—1896: *Chord*.
- bancrofti* Cobbold, 1877g, 70, t. h. *Homo*; Australia.—1877: *Fil.* 1907: *Microfil.* 1916: *Mikrofil.* —? —: *Fil. sanguinis hominis*.
- bancrofti* Johnst., 1912, 72, t. h. *Cathetus lathamii*; Australia.—1912: *Het.*
- bancrofti* of Magal., 1887a, 129, t. h. *Homo*; S. America.—1887: *Fil.* [See *magalhæsi*.]
- bancroftii* Frayrer, 1879b, 189, for *bancrofti* (Fil.).
- bancroftii* Braun, 1883a, 183, for *bancrofti* (Fil.).
- baramansis* Roemer, 1895a, 197, t. h. *Mantis*; Borneo.—1895: *Chord*.
- barbata* Carter, 1859b, 43, in clots of *Oscillatoria* in salt water drains; IIs. of Bombay.—1859: *Urolabes*. 1863: *Enoplus*. 1865: *Symplocost.* 1874: *Urolabis*.
- barbatulæ* Rud., 1819a, 59, t. h. *Cobitis barbatula*; C. E. V.—1819: *Asc.*
- barbi* Schrank, 1782a, 83, t. h. *Barbe*; by Schrank.—1782: *Echinor.*
- barbiger* Nordm., 1840a, 664, free; near Berl.—1840: *Phanoglene*.
- barbitistidis-autumnalis* Dies., 1851a, 111, t. h. *Barbitistes autumnalis*; Freiburg.—1851: *Mermis*.
- barbitistidis-perforati* Dies., 1851a, 96, t. h. *Barbitistes perforatus*; M. C. V.—1851: *Gord.*
- barbitistidis-serricauda* Dies., 1851a, 96, t. h. *Barbitistes serricauda*; by Sieb., 1843a, 83; Mus. Wien.—1851: *Fil.* 1851: *Gord.*
- bargusina* Skrz., 1917, 471, t. h. *Turdus* sp.; Siberia.—1917: *Diplotriæna*.
- bastiana* Brakenhoff, 1914, 309, for *bastiani* (*Dorylaimus*).
- bastiani* Büetsch., 1873a, 22, free; F. a. M., Cuxhaven.—1873: *Dorylaimus*.
- bastiani* Man, 1876a (b), 184 (107); Leiden.—1876: *Mononchus*.
- bastiani longicaudatus* Daday, 1894, 139, free; Balaton.—1894: *Dorylaimus*.

- bathoesi* Concilium Bibliographicum card for bulhoesi (Oxyuris).
- bathybia* Daday, 1894, 131, aquatic; Balaton.—1894: Chromadora.
- bathybia* Daday, 1911, 480; [Vierwaldstætter-See].—1911: Limnomermis.
- bathybius* Daday, 1906, 414, free; Vierwaldstætter-See.—1906: Dorylaimus.
- bathybius* Micol., 1913, 546, aquatic; in Grundsclamm des Attersee; Ostalpen.—1913: Mononchus. 1916: Iotonchus. 1917: M. (I.).
- bathycola* Daday, 1911, 505; Vierwaldstætter-See.—1911: Hydromermis.
- bauchei* Rail & Henry, 1911, 487, t. h. *Sus scrofa* dom.; Hué.—1911: Fil.
- beaujeani* Mathis & Léger, 1911, 412, t. h. *Athene cuculoides*; Tonkin.—1911: Microfil.
- bedriagæ* Cam., 1896d, 123, loc. unknown.—1896: Chord.
- beklemishevi* Filipjev, 1917, 24; Caspian Sea.—1917: Chromadorissa, mt.
- belgicæ* Man, 1904, 10, sur une algue d'eau douce; Terre de Danco, etc.—1904: Plectus (Plectoides?).
- belones-vulgaris* Dies., 1861a, 726, t. h. *Belone vulg*; Trieste.—1861: Agamonema. 1896: Asc.
- bembidii* Linst., 1902, 223, t. h. *Bembidium* sp.; Dublany.—1902: Agamonema.
- beramporia* Lane, 1914, 658, t. h. dom. fowl; Berampore, Bengal.—1914: Het.
- bergensis* Schep., 1907a, 142; Bergen.—1907: Desmoscolex.
- bernardi* Rail & Henry, 1911, 487, t. h. porc annamite; Annam.—1911: Setaria.
- bernensis* Steiner, 1914, 425; Bern, Switz.—1914: Diplogaster.
- betularius* Linst., 1904o, 492; Caspian Sea.—1904: Chord.
- bhamoensis* Par., 1889c, 777, t. h. *Acridotheres albocinctus*; Birmania.—1889: Fil.
- bialatus* Mol., 1861a, 514, t. h. *Pelophylax escul*; Padua.—1861: Str. 1917: Oswal-docruzia.
- bibulbosa* A., D., & E., 1901b, 35, t. h. *Cinnyris fuliginosa*; W. Africa.—1901: Fil.
- bicolor* Baird, 1868a, 71, t. h. *Trichechus rosmarus*; Brit. Mus.—1868: Asc.
- bicolor* Crep., 1825a, 4, t. h. *Salmo eperlanus*, *Perca fluvi*; by Crep.—1825: Fil. 1838-40: Agamonema.
- bicolor* Linst., 1873g, 298, t. h. *Esox lucius*, *Silurus glanis*; Ing.—1873: Fil. 1899: Spiropt.
- bicolor* Rud., 1793a, 13, t. h. *Perca fluviatilis*; by Rud.—1793: Asc. [1809: Asc. truncatula.]
- bicoronata* Linst., 1901b, 411, t. h. *Adenota* sp.; Rukwa-See, Africa.—1901: Fil. 1911: Setaria.
- bicoronatum* Looss, 1900c, 159, t. h. *Equus* (donkey); Egypt.—1900: Cyathost. 1901: Cylichnost. 1903: Cylicost.
- bicornis* Zimmerman, 1898, 50, t. h. coffee roots.—1898: Rhabditis.
- bicostatus* Linst., 1906, 114, t. h. *Phocæna communis*; Pillau.—1906: Pseudalius.
- bicuspis* Craig, 1915, 503, t. h. *Felis* dom., lapsus for *tricuspis*?—1915: Ollulanus.
- bicuspis* Rud., 1819a, 24, t. h. *Tringa helvetica*; Mus. Wien.—1819: Spiropt. 1845: Disph. 1878: Histioc. 1916: Schistorophus.
- bicuspis* Wedl., 1855a, 388, t. h. *Scyllium catulus*; by Wedl.—1855: Asc. 1885: Acanthocheilus.
- bidens* Mol., 1861a, 493, t. h. *Nasua narica*, *Procyon cancrivorus*; Ypanema.—1861: Doch. 1899: Unc.
- bidens* Rud., 1819a, 24, t. h. *Merops apiaster*; Mus. Wien.—[1811: Acuaria.] 1819: Spiropt. 1845: Disph. 1846: Fil. 1866: Ancyracanthus. 1903: Ancyrocanthus. 1903: Ancyracanthus. 1916: Schistorophus.
- bidentata* Linst., 1880a, 46, t. h. *Rana* larva.—1880: Oxyuris.
- bidentata* Linst., 1899b, 7, t. h. *Acipenser ruthenus*; Budapest.—1899: Asc.
- bidentata* Mol., 1858c, 401, t. h. *Cervus nambi*, etc.; Brazil.—1858: Fil. 1911: Setaria.
- bidentatum* Sticker 1901 [nv.].—1901: Sclerost.
- bidentatus* Mol., 1861a, 559 (135), t. h. *Capra aries laticauda*.—1861: Str.
- bierstedti* Villot, 1870b, 10, free; Med.—1870: Lasiomitus.
- bifasciatus* Lühe, 1904f, 175, t. h. *Merluccius merluccius*; annulatus Mol., 1861, renamed.—1904: Echinor.
- bifida* Fabr., 1780a, 273, includes *atak*, t. h. *Phoca groenlandica*; Greenland.—1780: Asc. [1801: Ophiost.] 1791: Proboscidea. 1803: Ophiost. [1809: O. dispar. 1840: Fissula phocæ.]
- bifida* Mol., 1858c, 411, t. h. *Dactylomys amblyonix*; Ypanema, Brazil.—1858: Fil. 1861: Dicheilonema.
- bifaria* Baird, 1853a, 26, t. h. unknown; Corea.—1853: Asc.
- biformis* Cobb, 1909, 63.—1909: Tylenchus.
- bifurca* Mol., 1858c, 400, t. h. *Muscicapa* sp.; Brazil.—1858: Fil.
- bifurcata* Cobb, 1898a (b), 315 (20).—1898: Lepidonema, mt.
- bifurcatus* Linst., 1901b, 411, for *bifurcus*? (Str.).
- bifurcatum* Hall, 1916a, 141, t. h. *Citellus elegans*; Colo.—1916: Citellinema, tod.
- bifurcus* Crep., 1849a, 54, t. h. *Cercopithecus ruber*.—1849: Str. 1906: Oesophagost.

- bihamatus* Müell., 1897a, 7, t. h. *Sterna risoria*; Ing.—1897: *Ancyracanthus*.
bilabiata Crep., 1829b, 7, t. h. *Lanius minor*; by Schill. & Hornschuch.—1829: *Phy-salopt.* 1845: *Spiropt.*
bilabiata Dies., 1851a, 277, includes *sternæ*, t. h. *Sterna leucopareia*; M. C. V.—1851: Fil. 1861: *Dicheilonema*.
bilabiata Mol., 1860b, 928, t. h. *Mus brasiliensis*; M. C. V., Brazil.—1860: *Spiropt.*
bilabiata Mol., 1860e, 343 (15), t. h. *Eurypyga helias*; Brazil.—1860: *Ancyracanthus*. 1861: *Ancyracanthopsis*.
bilicola Schlotthauber, 1860a, 125, t. h. *Machetes pugnax*; by Schlotth.—1860: *Disph.*
biloba Linst., 1888a, 5, t. h. unknown; Straits of Magellan.—1888: *Asc.*
binansata Rail. & Henry, 1913, 97, t. h. *Dasyus villosus*; Mus. Hist. Nat.—1913: *Aspidodera*.
bioculata Schultze in Carus, 1857a, pl. 8 fig. 2.—1857: *Rhabditis*. 1865: *Chromadora*.
bioculata Man, 1877, 107; Gulf of Nap.—1877: *Spira*. 1888: *Aræolaimus*, tsd.
bioculatus Zimmerman, 1904, 11 [nv.]; Embleton, 1905, 54; on tea plants; Java, Ceylon.—1905: *Tylenchus*.
bipapillata Southern, 1914a, 29; Blacksod Bay.—1914: *Dagda*, mt.
bipapillatus Stefanski, 1915, 347; River Czarna, Pologne.—1915: *Cephalobus*.
bipapillosa Mol., 1858c, 399, t. h. *Strix suinda*; M. C. V. from Brazil.—1858: Fil.
bipartitus Soloviev, 1912, 87, t. h. *Corvus frugilegus*; Turkestan.—1912: *Centror.*
bipennis Kaiser, 1893b, 81, t. h. *Thymallus*; Argentina.—1893: *Echinor.*
bipinnata Linst., 1899b, 25, t. h. *Psammosaurus griseus*; N. E. Africa.—1899: Fil.
bipunctata Schneid., 1906c, 15, free; Gulf of Finland.—1906: *Monhystera*.
bipunctatus Müell., 1786, 52.—1786: *Vibrio*.
biramusum Cuille [nv.]; Gedelst, 1911a, 121; in cattle.—1911: *Oesophagost.*
biramusum Cuille of Marotel & Panisset 1911.—1911: *Oesophagost.*
birosi Daday, 1899, 571.—1899: *Dorylaimus*.
bisetosus Linst., 1908, 27, free; Africa.—1908: *Enoplus*.
bispinosa Dies., 1851a, 278, t. h. *Boa constrictor*, etc.; Brazil.—1851: Fil. 1861: *Dicheilonema*.
bispinosa Mol., 1860e, 342 (14), t. h. *Scincus officinalis*; M. C. V.—1860: *Tropidocerca*. 1914: *Tetrameres*.
bispinosus Mol., 1860e, 351 (23), t. h. *Cervus namibi*; Brazil.—1860: *Str.* 1909: *Hæ-monchus*.
biuncinata Linst., 1898d, 759, t. h. *Ammocetes branchialis*; by Linst.—1898: *Oxyu-ris*. 1904: *Oxyurus*.
biuncinata Mol., 1858d, 148, t. h. *Zeus faber*; Padua.—1858: *Asc.* [1899: *A. fabri*. 1905: *A. adunca*.]
bivalens Sabaschnikoff, 1897a, 82.—1897: *Asc. megaloc.*
bhamoensis Par., 1899c, 777, t. h. *Acridotheres albocinctus*; Birmania.—1899: Fil.
blainvillii Zenker, 1827a, 53, t. h. *Homo*.—1827: *Netror*, mt. 1894: *Nettor*.
blanchardi Man, 1907, 51, marine; Zealand.—1907: *Anoplost.*
blanchardi Rail. & Henry, 1912, 572, t. h. *Orang-Outan de Borneo*; Mus. Paris.—1912: *Oesophagost.*
blanchardi Villot, 1874a, 56; Ile de France, Mus. Paris.—1874: *Gord.*
blanci Hofmæn. in Hofmæn. & Menz., 1914, 82; Lac de Joux.—1914: *Plectus*.
blapis-mortisagæ Dies., 1851a, 93, t. h. *Blaps mortisaga*; Europe.—1851: Fil. 1851: *Gord.*
blapis-mortisagæ Dies., 1853a, 35, t. h. *Blaps mortisaga*; Stein, 1852, 204.—1853: *Nema-toideum*. 1853: *Agamonematoideum*. 1861: *Agamonematodum*.
blapis-productæ Dies., 1851a, 93, t. h. *Blaps producta*.—1851: *Gord.*
blassii Linst., 1887d, 110, t. h. *Lepus cuniculus ferox*; by Blasius.—1887: *Str.* [1888: *Str. strigosum*. 1909: *Graphidium strigosum*.]
blattæ Galeb, 1878b, 288, for *blattæ-orientalis*, t. h. *Periplaneta orientalis*.—1878: *Oxyuris*.
blattæ Græffe, 1860a, 51, t. h. *Blatta ægyptiaca*; Nizza.—1860: *Oxyuris*.
blattæ-orientalis Dies., 1851a, 94, t. h. *Blatta orientalis*; Königsb.—1851: Fil. 1851: *Gord.*
blattæ-orientalis Dies., 1851a, 110, t. h. *Blatta orientalis*; by Deslongs.—1851: *Mermis*.
blattæ-orientalis Hamm., 1847b, 284, t. h. *Blatta orientalis*; by Hamm.—1847: *Oxyuris*.
blatticola Galeb, 1878b, 293, t. h. *Blatta germanica*, etc.—1878: *Oxyuris*.
blennii Gmel., 1790a, 3066, t. h. *Blennius viviparus*; Müell.—1790: *Asc.*
blennii Rud., 1810a, 351, t. h. *Blennius viviparus*.—1810: *Echinor.*
blini Carougeau & Marotel, 1903, 447, t. h. *Buffelus indicus*; Indo-China.—1903: Fil.
blomei Trav., 1914, 429; 1915, 156, *papillosum* Blome renamed, t. h. *Tetrao urogallus*.—1915: *Cap. (Thominx)*.
boa Schrank, 1790a, 120, t. h. *Lucius*; by Schrank.—1790: *Asc.* [1809: *Asc. acus*.]

- boæ* M. C. V. in Mol., 1858c, 430, t. h. Eunectes scytale; Caicara.—1858: Fil.
boæ R. Bl., 1886i, 295, t. h. Boa constrictor; Paris.—1886: Ankylostoma. [1886: Ancylostoma.] 1889: Ankylostomum. 1899: Unc. 1909: Diaphanoc.
boæ-caninæ Rud., 1819a, 712, 799, t. h. Boa canina.—1819: Dubium. 1851: Nematodeum.
boæ-constrictoris Leidy, 1850f, 118, t. h. Boa constrictor; by Leidy.—1850: Fil.
boæ-giboæ M. C. V. in Mol., 1861a, 543.—1861: Str. [1861: Kalic. subulatus.]
boddaërtii Baird, 1861a, 228, t. h. Herpetodryas boddaërtii; W. Indies.—1861: Asc. 1916: Polydelphis.
[boeticum] Ramb.—De Seabra, 1909, 155 (Insect).—1909: Trichosoma.]
bogdanowi Zograf, 1913, 162, auf Heckenschwämmen; near Rusa.—1913: Bogdanowia, tod. 1913: Bunonema.
bogdanowia Zograf, 1913, 164, for bogdanowi (Bunonema).
bombi Dies., 1851a, 99, t. h. Bombus sp. inc.; by Owen.—1851: Gord.
bombi Duf. [1836a, 20;] 1837a, 9, t. h. Bombus terrestris, B. hortorum; by Duf.—1837: Sphæularia, mt.
bombi-terrestris Dies., 1851a, 99, t. h. Bombus terrestris; Hope; Prussia.—1851: Fil. 1851: Gord.
bombinatoris Linst., 1885b, 245, t. h. Bombinator igneus; by Linst.—1885: Agamone-matodum. 1909: Agamonema.
bombinatoris Linst., 1892a, 327, t. h. Bombinator igneus; Linst.—1892: Trichosoma. 1915: Cap.
bonasiæ Gescheidt, 1833a, [423,] 445, t. h. Tetrao bonasia; by Nordm.—1833: Fil.
boopis Rud., 1819a, 58, t. h. Sparus boops; Rimini.—1819: Asc.
borborophilus Man, 1876a(b), 102; Leiden.—1876: Dorylaimus.
bordigalensis Villot, 1874a, 58.—1874: Fil.
borealis Gmel., 1790a, 3045, lendix renamed, t. h. Anas molissima; Phipps.—1790: Echinor.
borealis Linst., 1884a, 131, t. h. Lagopus mutus.—1884: Het. 1914: Ascaridia.
borealis Linst., 1901e, 279, t. h. Lota lota; N. Dwina.—1901: Echinor.
boschadis Bosc, 1802a, 6, for boschadis Gmel. (Echinor.).
boschadis Gmel., 1790a, 3045, t. h. Anas dom.; by Gœze.—1790: Echinor.
boschadis Schrank, 1788a, 27, t. h. Wildente; by Gœze, 1782a, 164.—1788: Echinor.
boschadis Schrank, 1803b, 200, t. h. Anas boschas; lng.—1803: Asc.
boschatis Frœl., 1802a, 43, t. h. Wildente; by Frœl.—1802: Asc.
boschatis Frœl., 1802a, 66, for boschadis Schrank, 1782, t. h. Wildente; Gœze, 1782a, 164.—1802: Echinor.
bosia Lane, 1914, 656, t. h. Cerionis satyra; Calcutta Zoo.—1914: Het.
bostrichi-typographi Dies., 1851a, 135, t. h. Bostrichus typographus; lng.—1851: Anguillula.
bothrops Mol., 1861a(b), 549(125), t. h. Bothrops jararaca; Ypanema.—1861: Kalic. 1909: Diaphanoc.
bothryophorus Schuberg & Schröder in Schuberg, 1904a, 629, t. h. Nephelis vulg.; Heidelberg a. d. Neckar.—1904: Myenchus, mt.
botulus Van Cleave, 1916, 131, t. h. Somateria mollissima; Maine.—1916: Filicollis.
boueti Gendre, 1911, 74, t. h. Xerus erythropus; Agouagon.—1911: Het. 1913: Subulura. 1914: Subulura (Oxynema). 1916: Subulura.
bouffardi Mathis & Léger, 1911, 414, t. h. Pica caudata; Tonkin.—1911: Microfil.
boularti Mégn., 1884k, 455, t. h. Casuarius galeatus; Mus. Paris.—1884: Sclerost. 1898: Syngamus.
boulengerii Cam., 1912, 1; Bitye, Daja River, Congo.—1912: Chord.
bourgi Brumpt, 1903, 379, t. h. Homo; Africa.—1903: Fil.
bourgi Looss, 1905c, 178; for bourgi (Fil.).
boureti Mathis & Leger, 1911, 413, t. h. Copsychus saularis; Tonkin.—1911: Microfil.
bouvieri Villot, 1885, 47 [nv.].—1885: Gord. 1897: Chord.
bouvieri Villot, 1885 of Römer, 1895b, 797; Mus. Hamburg.—[1885: Gord.] 1895: Chord.
bovieri R. Bl., 1886i, 297, t. h. Vespertilio murinus; Sarrenguemines.—1886: Rictularia. 1889: Ophiost. (Rict.).
bovis Bail., 1858e, 704, t. h. Bos taurus.—1858: Fil. [1858: F. palpebrarum.]
bovis Bail., 1866b, 34, t. h. Bos taurus; by Bail.—1866: Asc.
bovis Carita, 1887a, 139 [nv.]; Rail., 1888k, 218 (3); t. h. Bos taurus.—1887 or 1888: Oesophagost. inflatum.
bovis Daniels, 1908, 16, t. h. Indian Buffalo; Malaya.—1908: Anguillula.
bovis Fiebiger, 1912, 239, see scutata oesophagea bovis (Spiropt.).
bovis Gasperi, 1912, 248, t. h. Bos taurus; Torino.—1912: Anguillula intestinalis.
bovis Gasperi, 1912, 250, t. h. Bos taurus; Torino.—1912: Strongyloides longus.

- bovis* Müell., 1869a, 127, for s. o. b.-tauri.—1869: Spiropt. scutata cesophagea. 1869: S. s. cesophagea. 1894: Fil. scutata cesophagea.
- bovis* Müell., 1869b, 303, t. h. *Bos taurus*; Wien.—1869: Spiropt. scutata cesophagea.
- bovis* Perronc., 1882a, 331, see scutata cesophagea *bovis* (Fil.).
- bovis* Piettre, 1912, 620, t. h. *Bos taurus*; Europe.—1912: Onchocerca.
- bovis* Schneidem., 1896a, 308.—1896: Fil. skutata cesophagea.
- bovis* Schnyder, 1906a, 27, t. h. *Bos taurus*; Zurich.—1906: Oesophagost.
- bovis* Schnyder, 1906a, 28, t. h. *Bos taurus*; Zurich.—1906: Trichosoma. 1911: Cap.
- bovis* Stroese, 1894a, 110, t. h. *Bos taurus*; by Stroese.—1894: Ankylostomum. [1894: Ancylostoma.] 1894: Doch. 1906: Anchylostomum.
- bovis* Willach, 1896e, 192, t. h. *Bos taurus*; Germany.—1896: Syngamus.
- bovis* Vryburg, 1907k, 321, t. h. Rinder (*Bos*); Delhi, Sumatra.—1907: Strongyloides.
- bovis* Züern, 1882, 249.—1882: Spiropt. scutata.
- bovis-tauri* Dies., 1861a, 724, t. h. *Bos taurus*; teste Gohier.—1861: Nematodum. 1894: Nematodeum.
- bovis-tauri* Müell., 1869a, 129 [see scutata].—1869: Spiropt. scutata cesophagea. 1869: S. s. cesophagea.
- brachycercus* Man, 1889b, 5.—1889: Oncholaimus.
- brachyceri-undati* Dies., 1851a, 93, t. h. *Brachycercus undatus*; by Heeger.—1851: Fil. 1851: Gord.
- brachycheilos* Linst., 1906, 165, t. h. *Tropidonotus asperimus*; Colombo, Spain.—1906: Asc.
- brachylaimus* Cobb, 1917n, 438, in sandy soil; Arlington Farms, Va.—1917: Mononchus (*Iotonchus*).
- brachylaimus* Linst., 1901b, 410, t. h. *Heterohyrax mossambica*; Ruckwa-See, Africa.—1901: Str. (Deletroc.). 1916: Kiluluma.
- brachylaimus* Linst., 1903k, 117, t. h. *Bufo melanostictus*; Siam.—1903: Angoist.
- brachyoptera* Rud., 1819a, 41, t. h. *Viverra genetta*; Mus. Wien, Algeciras.—1819: Asc.
- brachystoma* Hofmæn. in Hofmæn. & Menz., 1914, 85, aquatic; Switz.—1914: Cylindrolaimus.
- brachystoma* Mol., 1860b, 955, t. h. *Bradypus tridactylus*, *B. didactylus*; Brazil.—1860: Spiropt.
- brachyura* Hamm., 1847b, 283, t. h. *Melolontha* (*Rhizotrogus aprilianus* or *solictitialis*); by Hamm.—1847: Oxyuris. 1851: Anguillula.
- brachyura* Linst., 1904f, 3, t. h. *Calotes versicolor*; Colombo.—1904: Asc.
- brachyura* Schlotthauber, 1860a, 127, brevicaudata 1845 renamed.—1860: Oxyuris.
- brachyuris* Büetsch., 1873a, 77, on roots of moss, etc.; Germany.—1873: Mononchus. 1916: Mononchus (*Mononchus*).
- brachyuris* Daday, 1908, 16.—1908: Cephalobus.
- brachyuris* Man, 1880a, 83, in sand; Holland.—1880: Dorylaimus.
- brachyurum* Ward & Magath, 1917, 63, t. h. black bass; Lake St. Clair, Mich.—1917: Hysterothylacium, mt.
- brachyurus* Cobb, 1893b, 256 (7), for *brachyuris* (*Mononchus*).
- brachyurus* Daday, 1899, 559.—1899: Aphanolaimus.
- bradypi-didactyli* M. C. V. in Mol., 1860b, 956, t. h. *Bradypus didactylus*; Brazil.—1860: Spiropt. [1860: Spiropt. brachyst.]
- bradypi-tridactyli* M. C. V. in Mol., 1858c, 389, t. h. *Bradypus tridactylus*; Brazil.—1858: Fil. [1858: F. *incrassata*.]
- bradypi-tridactyli* M. C. V. in Mol., 1860b, 956, t. h. *Bradypus tridactylus*; Borda, Para.—1860: Spiropt. [1860: Spiropt. brachyst.]
- bradypodis-tridactyli* Crep., 1844a, 115, t. h. *Bradypus tridactylus*; by Otto.—1844: Nematodeum.
- bradypodis-tridactyli* (*aliud*) Crep., 1844a, 115, t. h. *Bradypus tridactylus*; by Otto.—1844: Nematodeum.
- bradypori-laxmanni* Dies., 1851a, 95, t. h. *Bradiporus laxmannus*; by Pall.—1851: Fil. 1851: Gord.
- bramæ* Ben., 1871a, 44, t. h. *Brama raii*; Belgium.—1871: Asc.
- bramæ* Gmel., 1790a, 3035, t. h. *Abramis brama*; Gœze, 1782a, 163.—1790: Echinor.
- brasiliiana* Linst., 1899b, 11, t. h. *Perdix* sp.; Brazil.—1899: Het. 1913: Ascaridia.
- brasiliiana* Stoss., 1897b, 43, insignis 1866, renamed, t. h. *Picus* sp.; Brazil.—1897: Fil.
- brasiliense* Trav., 1914, 326 (34), t. h. *Mus decumanus*; Rio de Janeiro.—1914: Heligmosomum.
- brasiliensis* Janda, 1893a, 608; from Brazil, Mus. Prag.—1893: Chord.
- brasiliensis* Linst., 1898e, 159, larva in Aranea; S. Brazil.—1898: Mermis.
- brasiliensis* Magal., 1892g, 219, t. h. *Gallus dom.*; Rio de Janeiro.—1892: Het. 1912: Ascaridia.
- brasiliensis* Trav., 1914, 3, t. h. *Bos taurus*; Brazil.—1914: Cooperia.

- brasilienisium* M. C. V. in Mol., 1858c, 401, t. h. Cervus; Brazil.—1858: Fil. cervorum.
- brassicæ* Grube, 1849a, 365, t. h. in faulem Kohl; Berl.—1849: Anguillula.
- brassicæ* Southern, 1909, 91, t. h. turnip; Westmeath, Ireland.—1909: Rhabditis.
- brauni* Linst., 1897c, 611, t. h. Viverra zibetha; Zool. Gard. Königsb.—1897: Str.
- brauni* Linst., 1897i, 30, t. h. Mus rattus; Madagascar.—1897: Spiropt.
- braziliense* de Faria Gomez, 1910, 286, t. h. Felis dom., Canis fam.; Rio de Janeiro.—1910: Ancylostomum. 1911: Ankylostoma. 1911: Unc. 1914: Agchylostoma. 1915: Ancylostoma.
- breve* Linst., 1877b, 178, t. h. Totanus fuscus; Ratzeburg.—1877: Trichosoma. 1915: Cap.
- brevicapitata* Lint., 1901b, 410, t. h. Galeocerdo tigrinus; Woods Hole.—1901: Asc.
- brevicauda* Blgr., 1916, 430, t. h. Equus cab.; Eng.—1916: Triodontophorus.
- brevicauda* Leiper, 1911, 551, t. h. Zebra; Brit. E. Africa.—1911: Cyliodropharynx, tod.
- brevicauda* Linst., 1906, 166, t. h. Francolinus adspersus; S. W. Africa.—1906: Physalopt.
- brevicauda* Linst., 1909a, 49, t. h. Triton tæniatus; Ing.—1909: Asc.
- brevicauda* Ratz, 1897c, 450, t. h. Lucioperca sandra; Balaton.—1897: Het. [1913: Ascaridia.] 1914: Ascaridia.
- brevicaudata* Duj., 1845a, 144, t. h. Platydactylus fascicularis; Toulon.—1845: Oxyuris.
- brevicaudata* Müell., 1894a, 116, t. h. Agama colonum; W. Coast of Africa.—1894: Strongyluris, mt. 1914: Het. (Strongyluris).
- brevicaudata* Rud., [?see Zed., 1800] of Schlotthauber, 1860a, 127.—1860: Oxyuris.
- brevicaudata* Trav., 1913, 290, for *brevicauda* Ratz, 1897, in *Lucioperca sandra*.—1913: Ascaridia.
- brevicaudata* Zed., 1800a, 23, t. h. Rana bufo.—1800: Fus. 1802: Asc. 1803: Fus. 1809: Asc. 1845: Het. [1851: Asc. acuminata.] 1916: Aplecta. 1916: Oxyso-matium, tod.
- brevicaudata* Zed., 1800 of Mayer, 1841a, 16, see Rail. & Henry, 1916, 249.—1916: Oxyuris.
- brevicaudatum* Leidy, 1851b, 208, t. h. larvæ of Scarabæus relictus; near Phila., Pa.—1851: Thelastoma. 1853: Thelastomum.
- brevicaudatum* Mar., 1870a, 24; Joliette.—1870: Enoplost. 1875: Enoplus.
- brevicaudatum* Zed. of Schneid., 1866a, 114, in *Rana temp.*—1866: Oxysona (probably type). [1916: Oxysonatium, type].
- brevicaudatus* Brakenhoff, 1914, 282, for *ignavus* of Man.—1914: Ironus ignavus.
- brevicaudatus* Cobb, 1898a (b), 440 (48).—1898: Zoniolaimus.
- brevicaudatus* Cobb, 1917n, 438, about roots in cranberry bog; New Jersey.—1917: Mononchus (Mylonchulus).
- brevicaudatus* Duj., 1845, 80, t. h. Ardea stellaris; M. V.—1845: Disph. 1851: Histiot. 1912: Acuaria (Synhimantus).
- brevicaudatus* Zimmerman, 1898, 46; on coffee roots.—1898: Cephalobus.
- brevicollis* Kowal., 1901a (b), 274 (7), for *brevicollis* (Trichosoma).
- brevicollis* Rud., 1819a, 13, capillaris renamed, t. h. Anser, Anas querquedula; Europe.—1819: Trichosoma, type.
- brevicollis* Cobb, 1898a (b), 311 (16); Ing.—1898: Rhigonema, mt.
- brevicollis* Malm, 1867, 95 [nv.], t. h. Balænoptera sibbaldii; Sweden.—1867: Echinor. [1906: Bolbor.] 1908: Bolbor. 1908: Bolbosoma.
- [*brevicollis* Rud., 1809a, 269, t. h. Perca cernua; by Müell.—1809: Echinor. (apparently not as specific name).]
- brevicollis* Savelev, 1912, 119, in Ebbeschlamm; Catharinahafen, Mogilnojesej.—1912: Sphærolaimus.
- brevicollis* Schneid., 1866a, 120, t. h. Testudo græca.—1866: Atractis.
- brevipennis* Mol., 1861a (b), 548, t. h. Dryophis fulgidus, etc.; Brazil.—1861: Kalic. 1899: Sclerost. 1909: Diaphanoc.
- brevipennis* Mol., 1860b, 921, t. h. Dicholophus margravi; Cuyaga.—1860: Spiropt. 1897: Oxyspirura.
- brevipes* Rans., 1911, t. h. Ovis aries; U. S. A.—1911: Cap.
- brevirostris* Southern, 1914a, 63; Clew Bay.—1914: Desmoscolex.
- brevi* Bast., 1865, 150, tide-pools; Falmouth.—1865: Enoplus.
- brevis* Hagmeier, 1912, 544, in soil; Pforzheimer Fundplatz, Heidelberg.—1912: Mermis.
- brevis* Van Cleave, 1916, 169, t. h. Botaurus lentiginosus; Baltimore, Md.—1916: Arrhythmor.
- brevisetosa* Southern, 1914a, 37; Clew Bay.—1914: Fiacra.
- brevispiculum* Gendre, 1911, 72, t. h. Gallus gallinaceus, etc.; Abomey, Zagnando.—1911: Het.
- brevispiculum* Linst., 1873g, 293, t. h. Blicca bjærkna; by Linst.—1873: Trichosoma. 1915: Cap. (Cap.).

- brevispiculum* Linst., 1906, 166, t. h. *Felis rubiginosa*; Kandy, Ceylon.—1906: Physalopt.
- brevispiculum* Seur., 1914, 521 (5), *Dipodilla campestris*; Bou-Saâda.—1914: Gongy-lonema.
- brevispinosus* Dies., 1861a, 728, t. h. *Passalurus cornutus*; Leidy, 1852.—1861: *Ura-canthus*, mt.
- brevispinus* Claus, 1862b, 354, free in humus; by Claus.—1862: *Anguillula*. 1873: 1873: *Rhabditis*.
- brevissubulata* Linst., 1878a, 105, misprint for *brevisubulata* (Spirot.)
- brevisubulata* Mol., 1860b, 959, t. h. *Strix atricapilla*; Brazil.—1860: Spiropt. 1897; *Oxyspirura*.
- brevivaginata* Seur., 1917, 211, t. h. *Vespertilio kuehli*; Bou-Saâda.—1917: Physalopt.
- brevivaginatulus* Rail. & Henry, 1907a, 752, t. h. *Sus scrofa dom.*; Ing.—1907: Metastr.
- brigantiaca* R. Bl. in Rail. & Henry, 1909a, 87, t. h. *Rupicapra rupicapra*; France.—1909: Ostertagia.
- brigdammensis* Man, 1876a (b), 112 (35); Leiden.—1876: *Dorylaimus*.
- brimonti* Mathis & Léger, 1910, 32, t. h. *Ixus hainanus*; Tonkin.—1910: Microfil.
- britannica* Skrij., 1916, 80, t. h. *Agama sp.*; Brit. E. Africa.—1916: Physalopt.
- britannicus* Man, 1889b, 4, free; Penzance.—1889: *Thallassironus*, mt.
- bronchialis* Gmel., 1790a, 3031, t. h. *Martes*; teste Werner.—1790: Asc. 1803: Fus. 1845: Gord. [1852: *Filaroides*, type.] [1858: *Fil. mustelarum (pulmonalis)*.]
- bronchialis* Müeh., 1884a, 265, t. h. Japanese goose; Leipzig.—1884: *Syngamus*.
- bronchialis* Osler, 1877a, 387, t. h. *Canis fam.*; Montreal.—1877: *Str. canis*.
- bronchialis* Rud., 1819a, 7. See *hominis bronchialis* (Fil.).
- bronchialis* Rud., 1819a, 7; 215, for *Hamularia lymphatica*, t. h. *Homo*.—1819: *Fil. hominis*. 1819: *Fil.* 1864: *Str.* 1879: *Str. (Fil.)* 1895: *Eustr.*
- bronchialis in Boa constrictor* see Crep., 1846b, 176 (in *Boa* or *Python*; Hodgkin, 1836a).—1846: *Fil.*
- bronchialis in Bos taurus* Vet., 1857, 565.—1857: *Fil.*
- bronchialis in Ovis aries* Ranke, 1857a, 708, s. *Str. filaria*.—1857: *Fil.*
- bronchialis* Rail., 1889g, 131, for *canis bronchialis* (Str.).
- bronchialis hominis* Gerv. & Ben., 1859b, 145, *Hamularia lymphatica* renamed., t. h. *Homo*.—1859: *Fil.*
- bronchiolis* Cast. & Chalm., 1910a, 1186, for h. *bronchialis*.—1910: *Fil. hominis*.
- bronchiorum suis* Modeer, 1791a, 75 [nv.]; Rud., 1809a, 246; t. h. *Sus scrofa dom.*.—1791: Asc. 1809: Asc.
- bronquialis hominis* Bonis, 1882a, 115, for *bronchialis hominis* (Fil.).
- brumpti* Blanc & Cauchemez, 1911, 120, t. h. *Erinaceus europæus*; by Brumpt.—1911: *Echinor.*
- brumpti* Rail. & Henry, 1905i, 643, t. h. *Homo*; Africa.—1905: *Oesophagost.* 1916: *Oesophagost.*
- bryophilus* Man, 1880a, 85, in sand; Holland.—1880: *Dorylaimus*.
- bryophilus* Steiner, 1914, 271, Moosrasen; Switz.—1914: *Tylenchus*.
- bubali* Rud., 1819a, 8, t. h. *Bos bubalus*; C. E. V.—1819: *Fil.*
- bubali (abdominalis)* Mol., 1858c, 421, t. h. *Bos bubalus*; M. C. V.—1858: *Fil.*
- bubonis* Frœl., 1802a, 39, t. h. *Strix bubo*; teste Frœl.—1802: Asc.
- bucconis-calcarati* M. C. V. in Mol., 1858c, 415, t. h. *Monasa tranquilla*; Brazil.—1858: *Fil.* [1858: *Fil. fusiformis*.]
- buetschlii* Fuchs, 1915, ZJ, 146, t. h. *Ips typographus*.—1915: *Diplogaster*.
- bütschlii* Man, 1876a (b), 154 (77), free; Leiden.—1876: *Rhabditis*.
- bütschlii* Man, 1884a, 92.—1884: *Cephalobus*.
- bütschlii* Oerley, 1885, 59, misprint for *bütschlii* (*Rhabditis*).
- bütschlii* Southern, 1914a, 50; Clew Bay.—1914: *Enoplus*.
- bufonis* Gmel., 1790a, 3035, t. h. *Rana bufo*; by Goeze.—1790: Asc. [See *tenuissima*, ani, filif., acuminata, auricularis, brevicaudata.] [1800: *Str. auricularis*.]
- bufonis* Leiper, 1908, 191, t. h. *Bufo regularis*; Nasser.—1908: *Fil.* 1910: Microfil.
- bufonis* M. C. V. in Mol., 1858c, 431, t. h. *Eupemphix marmoratus*; Caiçara.—1858: *Fil.* [1858: *F. eupemphigis-marmorati*.]
- bufonis* Schrank, 1788a, 11, t. h. *Wasserkroeten*; teste Goeze.—1788: Asc. [1790: Asc. pulmonalis. 1809: Asc. nigrovenosa.] 1905: *Rhabdias*, tod.
- bufonis* Shipley, 1903i, 150, t. h. *Bufo melanostictus*; Patani.—1903: *Echinor.*
- bufonis* Stoss., 1900a, 5, t. h. *Bufo vulg.*; Catania.—1900: Spiropt.
- bufonum* Dies., 1851a, 187. See *filiformis bufonum* (Asc.).
- bufonum* Rud., 1809a, 147, so. nigrovenosa, see Goeze, 1782a, 98, pl. 2 fig. 8.—1809: Asc. subulata.
- bufonum* Rud., 1809a, 147, t. h. *Rana bufo*; Goeze, 1782a, 95.—1809: Asc.
- bulbifera* Man, 1880a, 10, in sand; Holland.—1880: *Monhystera*.

- bulbiferus* Cobb, 1906, 164, about roots of diseased cane; Maui, T. H.—1906: *Dorylaimus*.
- bulbosa* Cobb, 1888a, 17, t. h. *Phoca barbata*; N. Eismeer.—1888: Asc.
- bulbosa* Daday, 1894, 133, aquatic; Balaton.—1894: *Chromadora*.
- bulbosa* Lane, 1916, 95, t. h. *Caranx melampygus*; Ceylon.—1916: *Bulbodacnitis*, *tod*.
- bulbosa* Linst., 1899b, 22, t. h. *Scincus ocellatus*; Egypt.—1899: *Oxyuris*.
- bulbosa* Linst., 1906, 250, t. h. *Pavo spicifer*; Koenigsb.—1906: *Physalopt*.
- bulbosa* Linst., 1907, 267, t. h. *Cinuyris*; Africa.—1907: Fil.
- bulbosus* Daday, 1896, 413.—1896: *Prismatolaimus dolichurus*.
- bulbosus* Micol., 1915, 271; Hallstättersee.—1915: *Tylenchus*.
- bulhøesi* Magal., 1900a, 50, t. h. *Periplaneta americana*; Brazil.—1900: *Oxyuris*.
- bullosa* Mol., 1860b, 937, t. h. *Tinamus noctivagus*, etc., Brazil.—1860: *Spiropt*.
- bullosa* Rans. & Hall, 1912, 175, t. h. *Ovis aries*; Colorado, Montana.—1912: *Ostertagia*.
- bullosus* Linst., 1892, t. h. *Cystophora proboscidea*; Süd-Georgien.—1892: *Echinor*. 1907: *Corynosoma*.
- buprestis* Rud., 1809a, 77, t. h. *Buprestis* sp.; by Boucher d'Abbeville.—1809: Fil. [1851: *Gord. buprestidis*.]
- buprestidis* Dies., 1851a, 92, for *buprestis* Rud., 1809 (*Gord*.).
- bursifer* Man, 1876a, 142; Leiden.—1876: *Cephalobus*.
- buteonis* Gmel., 1790a, 3033, t. h. *Falco buteo*; by Goeze.—1790: Asc.
- buteonis* Gmel., 1790a, 3051, t. h. *Falco buteo*; Goeze, 1782.—1790: *Cucullanus*.
- buteonis* Packard, 1873c, 735, t. h. *Buteo swainsoni*; Snake River, Wyoming.—1873: Eustr.
- buteonis* Schrank, 1788a, 23, t. h. *Buteo*; Goeze, 1782a, 154.—1788: *Echinor*. 1908: *Chentrosoma*. 1914: *Centror*.
- buteonis-rufi* Dies., 1851a, 320, t. h. *Falco rufus*; Ireland.—1851: Str.
- bycanisti* Ringenbach, 1914, 298, t. h. *Bycanistes albotibialis*; Congo.—1914: *Microfil*.
- cæca* Bast., 1865c, 169, marine surface mud; Falmouth.—1865: *Chromadora*. ? 1906: *Spiliphora*.
- cæcus* Bast., 1865c, 163, marine, surface mud; Falmouth.—1865: *Cyatholaimus*. ? 1906: *Spiliphora*.
- cælum* Linst., 1904n, 299, t. h. *Cephalobus sylvaticolor*; Kamerun.—1904: Fil. 1911: *Setaria*.
- cæruleus* Eberth, 1863a, 39, marine; Nizza.—1863: *Enoplus*.
- cæsia* Borini, 1916, 273, t. h. *Sitta cæsia*; Turin.—1916: Fil.
- cahrensii* Jægers., 1904, 660, t. h. cat; Cairo.—1904: *Rictularia*.
- calabarensis* A., D., & E., 1901b, 40, t. h. birds; W. Africa.—1901: Fil. [a *Microfil*.]
- calamiformis* Schneid., 1866a, 90, t. h. *Psittacus æstivus*; Brazil.—1866: Fil. 1916: *Pelecitus*.
- calathi-cisteloidis* Dies., 1851a, 89, t. h. *Calathus cisteloides*; by Schlotth.—1851: Fil. 1851: *Gord*.
- calathi-stephensii* Dies., 1851a, 89, t. h. *Calathus stephensii*; Gr. Brit., teste Hope.—1851: Fil. 1851: *Gord*.
- calcarata* Gendre, 1909, lxxv(5), t. h. *Numida meleagris*; Labé.—1909: Het. 1914: *Ascaridia*.
- calcarata* Mol., 1858c, 378, t. h. *Bothrops jararacca*; Brazil.—1858: Fil.
- calcaratus* Mol., 1860c, 496, t. h. *Ibis guarauna*; Brazil.—1860: *Disph*. 1912: *Acuaria* (*Hamannia*).
- calcaratus* Rans., 1911, 365, t. h. *Lepus sylvaticus*; Bowie, Md.—1911: *Trichostr*.
- caledoniensis* Villot, 1874a, 62, t. h. *Mantis*; New Caledonia; Mus. Paris.—1874: *Gord*. (*Chord*.). 1897: *Chord*.
- calicathum* Nev.-Lem., 1912, 1208, for *calicatum* (*Cylicost*.).
- calicatum* Looss, 1900c, 185, t. h. *Equus cab*; Egypt.—1900: *Cyathost*. 1901: *Cylich-nost*. 1911: *Cylicost*.
- callariæ* Brug., 1791a, t. h. *Gadus callarias*.—1791: *Echinor*.
- callichroi* Stewart, 1914, 173, t. h. *Callichrous macrophth*; Lucknow.—1914: *Dacnitis*.
- callicroi* Lane, 1916, 94, for *callichroi* (*Dacnitis*).
- callipæda* Rail. & Henry, 1910, 785[2], t. h. *Canis fam.*; N. Punjab.—1910: *Thelazia*.
- calliptami-italici* Dies., 1851a, 97, t. h. *Calliptamus italicus*; M. C. V.—1851: *Gord*.
- callis* Trav., 1914, 325(4), t. h. *Didelphys aurita*; Rio de Janerio.—1914: *Trichostr*.
- calmani* Zelinka in Southern, 1914a, 69; Clew Bay.—1914: *Pycnophyes*.
- calopteri-italici* Dies., 1851a, 97, t. h. *Calopterus italicus*; Mus. Wien, Sieb., 1843a, 83.—1851: Fil.
- calosomitis* Cobb in Burgess, 1911, 71, t. h. *Carabus monilis*.—1911: *Rhabditis*. [*Rhabditis*.]
- calosomatis* Dies., 1851a, 135, t. h. *Calosoma sericeum*; by Schicdte.—1851: *Anguil-lula*.

- calvadosicus* Man, 1890b, 190, marine; côtes du Calvados et de la Manche.—1890: Oncholaimellus, mt.
- calveti* Rouville, 1905a, 788, free; Cette.—1905: Anticoma.
- camelensis* Mason, 1911 [nv.].—1911: Microfil.
- cameli* Pricolo, 1913, 199, t. h. chameau; Tripoli.—1913: Fil. hæmatica.
- cameli* Romanovitch, 1916, 745, t. h. Camelus bactrianus; Kirghiz Steppes.—1916: Deraiphoronema, mt.
- cameli* Rud., 1819a, 18, t. h. Camelus bactrianus, C. dromedarius; C. E. V.—1819: Trichoc. 1911: Trichuris.
- cameli* Rud., 1819a, 36, t. h. Camelus dromedarius, C. bactrianus; C. E. V.—1819: Str.
- camerononis* Montg., 1900, 95: W. coast Mazatlan or Panama.—1900: Chord.
- campanula* Linst., 1899b, 10, t. h. Lacerta campestris; Ypanema, Brazil.—1899: Het.
- campanula* Linst., 1889c, 239, t. h. Felis catus dom.; Brazil.—1889: Trichoc. 1911: Trichuris.
- campanula felis* (Dies., 1851) Heine, 1900a, 781.—1900: Trichoc.
- campanulata* Mol., 1858c, 392, t. h. Falco magnirostris; Ypanema, Brazil.—1858: Fil. 1910: Thelazia.
- campanulatus* Dies., 1851a, 21, s. pardalis, t. h. Felis pardalis, etc.; Brazil.—1851: Echinor.
- campbelli* Chatin, 1885a, 37, t. h. Nolotænia filholi: Campbell Isl.—1885: Spiropt.
- campbelli* Chatin, 1885a, 41, t. h. poissons; Campbell Isl.—1885: Agamonema.
- campbelli* Leiper & Atkinson, 1914, 223, t. h. Trematomus bernacchii.—1914: Echinor.
- campula* Rail. & Henry, 1914, 676, misprint for campanula (Het.).
- campylurnus* Marval, 1905a, 205, for campylurus (Echinor.).
- campylurus* Nitzsch in Gieb., 1857a, 268, t. h. Lestris catarrhacta; Germany.—1857: Echinor.
- canadensis* Cobb, 1914, 80(46), fresh water pond; Cape Breton, Canada.—1914: Spilophora.
- candens* Jablonowski, 1899, 6, 157 [nv.].—1899: Tylenchus. [Cf. scandens?]
- candezei* Fraip., 1882a, 104, t. h. Uromastix acanthinurus; Algeria.—1882: Fil.
- candezei* Seur., 1916, 345, for candezei (Fil.).
- candidi* Steller, 1751 [nv.]; Dies., 1851a, 190.—1851: Lumbrici.
- candidus* Zøga in Muëll., 1776a, 214, t. h. apparently Perca cernua.—1776: Echinor.
- caniculæ* Schrank, 1788a, 10, t. h. Canis fam.; teste Hermann.—1788: Asc. [See canis, marginata, mystax, caniculi.]
- caniculi* Braun, 1903a, 354, for caniculæ (Asc.). [1903: Asc. canis.]
- canikuli* Schneidem., 1896a, 322, for caniculæ Schrank (Ask.).
- canina* (not traced); Stiles, 1907b, 46.—1907: Fil.
- canini* Gescheidt, 1833, 37, t. h. Canis fam. fricator; by Gescheidt.—1833: Fil. oculi.
- caninum* Erc., 1859a, 313, 550, t. h. Canis fam.; Europe.—1859: Sclerost. 1859: Str. 1889: Ankylostomum. 1895: Ankylostoma. 1900: Unc. 1903: Agchylostoma. 1904: Anchylostoma. 1910: Ankylostomum. 1913: Ancylostoma. 1916: Ancylostoma (Anchylostoma).
- canis* Fiebiger, 1912, 235, see bronchialis canis.—1912: Fil. tracheo-bronchialis.
- canis* Gœze, 1782a, 84, t. h. Dachshund.—1782: Asc. teres.
- canis* Kaupp, 1909, 154, t. h. Canis fam.; Texas.—1909: Echinor.
- canis* Krämer, 1853a, 293, t. h. Canis fam.; Germany.—1853: Trichina.
- canis* M. C. V. in Mol., 1858c, 388, t. h. Canis azaræ; Barra do Rio Jauru.—1858: Fil.
- canis* Pease, 1901c, 136, t. h. dog; India.—1901: Fil. sanguinis.
- canis* Porta, 1914, 487, t. h. Canis fam.; Gand.—1914: Echinor.
- canis* Rail., 1889g, 131, see canis bronchialis.—1889: Str. bronchialis.
- canis* Rud., 1805a, 35.—1805: Asc. lumbricoides.
- canis* Rud., 1809a, 210; Hartmann, 1685.—1809: Lumbricus renum.
- canis* Schrank, 1788a, 7, t. h. Canis fam.; by Redi.—1788: Asc. [1802: Dioctophyme, type.]
- canis* Vogel (Rev. of Guittard, DtW), 1899, 252, see vasorum.—1899: Str. vasorum.
- canis* Werner, 1782a, 11, t. h. Canis fam.—1782: Lumbricus. 1790: Asc. 1893: Asc. mystax. [1905: Toxocara, tod.] 1913: Toxasc. 1913: Belasc. 1916: Toxocara.
- canis-aurei* Rud., 1819a, 53, t. h. Canis aureus; C. E. V.—1819: Asc. [See mystax.]
- canis-brachyuri* (trachealis) Mol., 1858c, 420, t. h. Canis brachyuris; Rio Araguay.—1858: Fil.
- canis-brachyuris* M. C. V. in Mol., 1858c, 380, t. h. Canis brachyuris; Brazil.—1858: Fil.
- canis bronchialis* Osler, 1877a, 387, t. h. Canis fam.; Montreal.—1877: Str.
- canis cordis* Leidy, 1850f, 118, t. h. Canis fam.; by Coats.—1850: Fil.
- canis-domestici* see papillosa hæmatica c.-d.—1852: Fil. papillosa hæmatica.
- canis-familiaris* Dies., 1851a, 331, t. h. Canis fam.; by Warren, 1830.—1851; Nematoideum.

- canis-familiaris* Gruby & Delafond, 1852a, 9.—1852: *Fil. papillosa hæmatica*.
canis filis (Gmel., 1790a) Werner of Galli-Val., 1901c, 363, t. h. *Felis catus*.—1901: *Asc.*
canis-lagopodis Viborg, 1795, 235 [nv.]; Rud., 1809a, 194; t. h. *Canis lagopus*.—1795: *Asc.* 1809: *Asc.*
canis pulmonalis Linst., 1896c, 17, for *canis bronchialis* (Str.).
canis renalis Dies., 1851a, 327; quotes Redi; renamed *Eustr. gigas*.—1851: *Lumbricus*.
canis-vulpis M. C. V. in Mol., 1861a, 442 (18).—1861: *Str.* [1861: *Crenosoma semi-armatum*.]
canis-vulpis Rayer, 1843g, 182, t. h. *Canis vulpis*; by Rayer.—1843: *Trichosoma*.
capensis Cam., 1895a, 12, hng.; Cape of Good Hope.—1895: *Chord*.
capillacea Mange, 1866, 7, in Bernstein.—1866: *Anguillula*.
capillare Linst., 1882a, 14, t. h. *Talpa europæa*.—1882: *Trichosoma*.
capillari Stoss., 1897b, 108, misprint for *capillaris* (Spiropt.).
capillaris Dugl., 1895a, 1150.—1895: *Vermiculus*. [Dracunculus.]
capillaris Fabr., 1780a, 270, free.—1780: *Gord*.
capillaris Mol., 1860c, 349 (21), t. h. *Sterna hirundo*; M. V.—1860: *Spiropt.* 1861: *Cheilospirura*. 1916: *Schistorophus*.
capillaris Müell., 1889a, 282, t. h. *Ovis aries*, *Rupicapra rupicapra*; Germany.—1889: *Pseudalius*. 1899: *Str.* 1907: *Synthetocaulus*. 1913: *Str.* (Synthet.).
capillaris Pricolo, 1913, 201, t. h. chameau, dromadaire; Tripoli.—1913: *Str.*
capillaris Rud., 1809a, 86, t. h. Anser, *Anas querquedula*; Europe.—1809: *Trichoc*.
capillaris Schrank, 1790a, 121, t. h. *Silurus glanis*; teste Schrank.—1790: *Asc.*
capillatus Linst., 1901b, 416, t. h. *Rhombodera scutata*; Langenburg am Nyassa-See, Africa.—1901: *Chord*.
capillosa Francis, 1888a, 429 (or oculi) (probably for *papillosa*?) in horse; Texas.—1888: *Fil.*
capitatum Cobb, 1913, 443, in arable soils; U. S. A.—1913: *Wilsonema*, mt.
capitatus Fabr., 1780a, 279.—1780: *Lumbricus*.
capitatus Linst., 1880a, 49, t. h. *Pseudorca crassidens*; Ing.—1880: *Echinor*. [1906: *Bolbor.*] 1908: *Bolbor.* 1908: *Bolbosoma*.
capitatus Looss, 1900c, 191, t. h. *Equus [mulus]*; Cairo.—1900: *Gyaloc*, mt.
capitatus Mol., 1860e, 341, t. h. *Falco minutus*; Brazil.—1860: *Disph.* 1912: *Acuaria* (Dispharynx).
capite et collo armato Bloch, 1782a, 27, in dem Darmkanal des kleinsten Tauchers; by Bloch.—1782: *Echinor*.
capitellata Schneid., 1866a, 96, t. h. *Coracias garrula*; by Brems.—1866: *Fil.*
capitellatus Rud., 1819a, 35, t. h. *Caprimulgus europæus*; by Treutler.—1819: *Str.*
capitosulcatus Mont., 1898a, 39; Cuba.—1898: *Gord*.
capra Braun in Rud., 1809a, 447, t. h. *Capra hircus*.—1809: *Echinor*. [See *Lingua-tula rhinaria*.]
capra Linst., 1883a, 287, t. h. *Capra hircus*; Turkestan?—1883: *Fil.* 1911: *Onchocerca*. 1912: *Oncocerca*.
capreoli Rud., 1809a, 244, t. h. *Cervus capreolus*; Zed., 1803.—1809: *Str.*
capricola Rans., 1907k, 2, t. h. goats, sheep; U. S. A.—1907: *Trichostr.*
caprimulgi Mol., 1860b, 978, t. h. *Caprimulgus megalurus*; Brazil.—1860: *Spiropt.*
caprimulgi Rud., 1819a, 15, t. h. *Caprimulgus europæus*; C. E. V.—1819: *Trichosoma*. 1915: *Cap*.
caprimulgi Rud., 1819a, 55, t. h. *Caprimulgus europæus*; C. E. V.—1819: *Asc.* [1851: *Asc. subulata*.]
caprimulgi-europæi Crep., 1829a, 36, t. h. *Caprimulgus europæus*; Mus. Greifsw.—1829: *Nematoideum*.
capsularia Rud., 1802a, 3, t. h. *Clupea harengus*.—[1800: *Capsularia*.] 1802: *Fil.* 1815: *Gord.* (Fil.).
capsularia Rud., 1802a, 27, *Capsularia salaris* renamed, t. h. Lachs; by Rud.—[1800: *Capsularia*, type.] 1802: *Asc.* 1838–40: *Agamonema*. 1851: *Agamonema*. 1899: *Asc.* (*Agamonema*).
capsularis Criv., 1845a, 5, for *capsularia* (Asc.).
capsulata A., D., & E., 1901b, 36, t. h. *Pycnonotus barbatus*, etc.; W. Africa.—1901: *Fil.* 1909: *Microfil.*
carabi Dies., 1851a, 135, t. h. *Carabus clathratus*; by Schiedte.—1851: *Anguillula*.
carabi Gmel., 1790a, 3040, t. h. *Carabus*; teste Pall.—1790: *Fil.*
carabi-alternantis Dies., 1851a, 89, t. h. *Carabus alternans*; Sicilia.—1851: *Fil.* 1851: *Gord*.
carabi-blapoides C. E. V. in Rud., 1819a, 11.—1819: *Fil.*
carabi-catenulati Dies., 1851a, 89, t. h. *Carabus catenulatus*; Gr. Brit.—1851: *Fil.* 1851: *Gord*.
carabi-hortensis Dies., 1851a, 88, t. h. *Carabus hortensis*; Eng.—1851: *Gord*.

- carabi-monilis* Dies., 1851a, 88, t. h. *Carabus monilis*; Gr. Brit.—1851: Fil. 1851: Gord.
- carabi-morbillosi* Dies., 1851a, 88, t. h. *Carabus morbillosus*; Gr. Brit.—1851: Fil. 1851: Gord.
- carabi-nemoralis* Dies., 1851a, 88, t. h. *Carabus hortensis*; Gr. Brit.—1851: Fil. [1851: Gord. *carabi-hortensis*.]
- carabi-violacei* Dies., 1851a, 88, t. h. *Carabus violaceus*; Gr. Brit., Austria.—1851: Fil. 1851: Gord.
- carancum* Dies., 1851a, 121, t. h. *Caranx trachurus*, C. luna; Nap.—1851: Agamonema.
- carangum* Krøyer., 1838–40a, 597, t. h. *Caranx trachurus*.—1838–40: Agamonema.
- carassii* Rud., 1809a, 317, t. h. *Cyprinus carassius*; by Braun.—1809: Echinor.
- carbonis* Rud., 1819a, 16, t. h. *Pelecanus carbo*; C. E. V.—1819: *Trichosoma*. 1915: Cap.
- carbonis* Turton, 1807a, 125, t. h. *Pelecanus carbo*; Gr. Brit.—1807: Asc. [1853: Asc. *spiculigera*.]
- carchariæ* Lint., 1891a, 536, t. h. *Carcharias littoralis*; Woods Hole.—1891: Echinor.
- carcinicola* Baylis, 1915, 418, t. h. *Cardisoma guahumi*, *Gecarcinus ruricola*; Jamaica.—1915: *Monhystera*.
- carduelis* Rud., 1809a, 73, t. h. *Fringilla carduelis*; by Spigelius.—1809: Fil.
- carinii* Trav., 1915, 73 (1), t. h. *Canis azaræ*?; from S. Paulo.—1915: Unc.
- carpinis* Gmel., 1790a, 3050, t. h. *Cyprinus carpio*; based on *Acanthoc. Koelreuter*, 1771, 499.—1790: Echinor.
- carpinis* Linst., 1878b, 240, t. h. *Cyprinus carpio*; Ing.—1878: Asc.
- carruccioi* Cond.-Franc., 1897a, 4, t. h. *Dendrocopus major*; Italy.—1897: Echinor.
- carruccioi* Cond.-Franc., 1898a, 2, t. h. *Gobius avernensis*; Italy.—1898: Fil.
- carteri* Bast., 1865c, 106, aquatic; Falmouth.—1865: *Dorylaimus*.
- cary[n]osoma* Trav., 1915, 377 (4), t. h. *Nyctanassa violacea*; Brazil.—1915: *Polymorphus*.
- cassici-atrī (abdominalis)* Mol., 1858c, 423, t. h. *Cassicus ater*; Caiçara.—1858: Fil.
- casta* Stoss., 1902d (e), 66 (6), t. h. *Salminus maxillosus*; Alto Parana.—1902: Asc.
- castoris* Rud., 1809a, 195, t. h. *Castor fiber*; teste Perrault & Charas, 1757.—1809: Asc.
- castoris* Rud., 1819a, 18, t. h. *Castor fiber*; C. E. V.—1819: *Trichoc.*
- catanensis* Rizzo, 1902, 33, t. h. *Coluber viridiflavus*, *Tropidonotus natrix*; Catania.—1902: Str.
- catheturinus* Johnst., 1912, 73, t. h. *Catheturus lathamī*; Burnett River.—1912: Het. 1914: *Ascaridia*.
- catholica* Onelli, 1905, 144, t. h. *Canis azaræ*, etc.; Buenos Aires.—1905: Unc.
- cati* Cobbold, 1873c, 125, t. h. wild cat.—1873: *Trichosoma*.
- cati* Schrank, 1788a, 8, t. h. *Felis dom.*; Europe.—1788: Asc. 1911: Belasc. [Cf. Asc. *mystax*.]
- cati-feri* Rud., 1819a, 799, for *felis-cati-feri* (Dubium).
- catinatum* Looss, 1900c, 186, t. h. *Equus*; Egypt.—1900: *Cyathost.* 1901: *Cylichnost.* 1911: *Cylicost.*
- catocalæ-fraxini* Dies., 1851a, 104, t. h. *Catocala fraxinus*; Mus. Wien.—1851: Fil. 1851: Gord.
- caucasica* Linst., 1902l, 769, t. h. *Homo*; Caucasus.—1902: *Physalopt.*
- caucasica* Linst., 1907a, 172, for *caucasica* (*Physalopt.*).
- caudata* Linst., 1906, 250, t. h. *Lampronessa sponsa*; Kœnigsb.—1906: Het.
- caudata* Linst., 1908, 26, t. h. *Pteroclorus namaqua*; Kalahari, Africa.—1908: *Oxyuris*.
- caudatus* of Brems., 1824a, 131.—1824: Echinor. [1851: E. *globocaudatus*.]
- caudatus* Westrumb, 1821a, 22 pars, t. h. *Crotophaga ani*, etc.—1821: Echinor. [1851: E. *tumidulus*.]
- caudatus* Zed., 1803a, 153, *buteonis* Schrank renamed, t. h. *Falco buteo*; Ing., based on Goeze.—1803: Echinor.
- cauda subulata* Goze, 1782a, 108, t. h. *Hechte & Lacerta palustris*.—1782: Asc. *vermicularis*. 1809: Asc. *vermiculari*.
- caudinstatum* Mol., 1858 (1859a), 302, t. h. *Perdix coturnix*; Padua.—1858: *Calodium*. 1890: *Trichosoma*.
- caudispina* Mol., 1858c, 382, t. h. *Ateles variegatus*, etc.; M. C. V.—1858: Fil. 1861: *Dipetalonema* (probably type).
- [*caudiseta* Müell., 1778a, 182, apparently not as sp. name; cf. *trichurus* 1775.—1778: *Trichuris*.]
- caussaneli* Maupas, 1900a, 494, t. h. *Arion empiricorum ater*; Normandy.—1900: *Rhabditis*.
- cavalli* Hall, 1916a, 144, for *cavallii* (Str.).
- cavallii* Par., 1907a, 2, t. h. *Otomys irroratus*, *O. irroratus tropicalis*; Africa.—1907: Str.

- cavia-acuschy* M. C. V. in Mol., 1858c, 412, t. h. *Cavia acuschy*; Barra do Rio negro.—1858: Fil. [1858: F. conica.]
- caviæ-aguti* M. C. V. in Mol., 1861a, 462; Brazil.—1861: Str. conjugatus.
- caviæ-aguti* M. C. V. in Mol., 1860b, 968 (60).—1860: Spiropt.
- cavitate abdominis passali-cornuti* Leidy, 1852b, 241, t. h. *Passalus cornutus*; by Leidy.—1852: Nematodeum.
- cebi-carayæ* Mol., 1858c, 418, t. h. *Cebus caraya*; M. C. V.—1858: Fil.
- cebi-trivirgati (abdominalis)* Mol., 1858c, 418, t. h. *Cebus trivirgatus*; Matogrosso.—1858: Fil.
- cebus* Darling, 1911, 1, t. h. *Cebus hypoleucus*; Panama.—1911: Strongyloides.
- celtica* Southern, 1914a, 25; Clew Bay.—1914: Sabatiera.
- cembræi* Fuchs, 1915, 180, t. h. *Ips cembræi*.—1915: Tylenchus contortus.
- centertus* Michalik, 1891a, 58 misprint for contortus (Str.).
- centridermichthys* Linst., 1903u, 275, t. h. *Centridermichthys uncinatus*; Murman Coast.—1903: Asc.
- centrisci* Rud., 1819a, 57, t. h. *Centriscus scolopax*; Nap.—1819: Asc. [1896: Asc. capsularia.]
- centrocercus* Man, 1884a, 175, in marshy soil; Nederland.—1884: Dorylaimus.
- centronoti-glauci* Rud., 1819a, 195, t. h. *Centronotus glaucus*; Nap.—1819: Dubium.
- centropi* Porta, 1910, 69, t. h. *Centropus senegalensis*; Guinea Port.—1910: Echinor.
- cephalata* Cobb, 1894c, 399, in marine sand; Bay of Nap.—1894: Platycoma, mt.
- cephalata* Cobb, 1913, 145; Kingston Harbor, Jamaica.—1913: Draconema, tod.
- cephalatus* Cobb, 1893a, 828 (51), about roots of moss; N. S. Wales.—1893: Plectus.
- cephalatus* Cobb, 1901, 1115, on roots of Passion vine; N. S. W.—1901: Cephalobus.
- cephalophora* Man, 1877a (1878), 106.—1877: Monhystera.
- cephalopodum* Dies., 1851a, 353, t. h. *Eledone moschata*, *Sepia officinalis*; by Krohn.—1851: Fictitium, mt.
- cephaloptera* Mol., 1860b, 956, t. h. *Momotus brasiliensis*; Brazil.—1860: Spiropt. 1861: Cheilospirura. 1897: Oxyspirura, tsd.
- cephaloptera* Rud., 1819a, 52, t. h. *Vipera redii*; Italy.—1819: Asc.
- cepolæ-rubescens* Rud., 1819a, 193, 563, 799, t. h. *Cepola rubescens*; Rimini.—1819: Dubium. 1851: Nematodeum.
- cercopidis* Rud., 1809a, 78, t. h. *Cercopis spumaria*; by Roesel.—1809: Fil.
- cernuus* Bennett, 1875a, 125, misprint for cernuus (Doch.).
- cernuæ* Gmel., 1790a, 3048, t. h. *Perca cernua*; by Zœga.—1790: Echinor.
- cernuæ* Nordm., 1840a, 652 for ? perca-cernuæ (Cucullanus).
- cernuus* Crep., 1829b, 9, t. h. *Ovis aries*; by Laurer.—1829: Str. [1845: Sclerost. hypost. 1851: Doch. hypost. 1861: Monodontus wedlii.] 1868: Doch. 1888: Ankylostoma. 1885: Unc. [1888: Ancylostoma.] 1900: Monodontus. [1900: M. trigonoc.] 1900: U. (Monodontus). [1902: Bunost. tod. 1902: Bunost. phlebotomum. 1902: Bunost. trigonoc.] 1906: Ankylostomum.
- certa* Leidy, 1866e, 313, t. h. *Diomedea exulans*; by Ruschenberger.—1866: Tropidocerca. 1914: Tetrameres.
- cervi* Rud., 1819a, 8, t. h. *Cervus elaphus*; C. E. V.—1819: Fil.
- cervi* Schrank, 1803b, 196, t. h. *Cervus*; by Schreiner.—1803: Asc.
- cervicalis* Rail. & Henry, 1910, 250, t. h. *Equus cab.*; Alfort.—1910: Onchocerca. 1912: Oncocerca.
- cervicornis* McFadyean, 1897a, 46, t. h. *Ovis aries*; Eng.—1897: Str. 1912: Hæmonchus.
- cervicornus* Reakes, 1900a, 46 for cervicornis (Str.).
- cervi-elaphi* C. E. V. in Mol., 1858c, 405, t. h. *Cervus elaphus*; C. E. V.—1858: Fil. [1858: F. terebra.]
- cervi-mexicani* M. C. V. in Mol., 1861a, 461.—1861: Str. [1861: Eucyathost. longesubulatum.]
- cervina* Duj., 1845a, 49, t. h. *Cervus elaphus*; M. V.—1845: Fil.
- cervi-nambi* M. C. V. in Mol., 1861a, 514 (90).—1861: Spiropt.
- cervi-rufi* M. C. V. in Mol., 1861a, 461.—1861: Str. [1861: Eucyathost. longesubulatum.]
- cervorum brasiliensium* M. C. V. in Mol., 1858c, 401, t. h. *Cervus*; Brazil.—1858: Fil.
- cesticillata* Sons., 1889c, 224, t. h. *Megalotis cerdo*; Egypt.—1889: Physalopt.
- cesticillus* Mol., 1860b, 926, t. h. *Dicotyles albirostris*; Brazil.—1860: Spiropt.
- cesticillus* Mol., 1861a, 516 (92), t. h. *Cebus fatuellus*; Brazil.—1861: Str.
- cestodicola* Linst., 1903u, 278, t. h. *Sebastes norvegicus*; Murman Coast.—1903: Echinor.
- cestodiformis* Linst., 1904m, 380, t. h. *Erinaceus albiventris*; Nigeria, W. Africa.—1904: Echinor. 1908: Gigantor.
- ceti* Roussel de Vauzème, 1834a, 326, t. h. baleines; Malouines Isl.—1834: Odontobius, mt.

- cettensis* Rouville, 1903c, 1529, free; canal des Bourdigues, Cette.—1903: Sabatieria, mt.
- ceylanica* Linst., 1904f, 2, t. h. Haliastur indus, Poliaëtus ichthyæus; Colombo, Kalpitiya.—1904: Asc.
- ceylanicum* Looss, 1911a, 212, t. h. Viverricula malaccensis; Ceylon.—1911: Agchylostoma. 1913: Ankylostoma. 1915: Ancylostoma. 1916: Ancylostoma (Ceylan-cylostoma, tod.).
- ceylonica* Linst., 1907, 165, for *ceylanica* (Asc.).
- chætogaster* Greeff, 1869a, 114.—1869: Desmoscolex.
- chamæleonis* Skrj., 1916, 87, t. h. Chamæleontidæ; Brit. E. Africa.—1916: Angiost.
- chamœnsis* Par. [nv.]; Henry & O'Zoux, 1909, 547.—1909: Fil. [1909: F. (Diplo-triæna).]
- chaos* Linn., 1758a, 821, in fresh water; Roesel.—1758: Volvox. [1767: Chaos, tat.].
- charadrii* Dies., 1851a, 194, t. h. Charadrius hiaticula; Ireland.—1851: Asc.
- charadrii* Rud., 1819a, 10, t. h. Charadrius minor; C. E. V.—1819: Fil.
- charadrii* Rud., 1819a, 16, t. h. Charadrius minor, C. himantopus; C. E. V.—1819: Trichosoma. 1915: Cap.
- charadrii* Skrj., 1915, 698, t. h. Vanellus cristatus.—1915: Streptocara crassicauda.
- charadrii-fluviatilis* Linst., 1878a, 135, apparently lapsus for ch.-pluvialis (Spiropt.).
- charadrii-pluvialis* Dies., 1851a, 227, t. h. Charadrius pluvialis; Ireland.—1851: Spiropt.
- charadrii-pluvialis* Rud., 1819a, 78, t. h. Charadrius pluvialis; C. E. V.—1819: Echinor.
- charadriorum* Rud., 1819a, 55, t. h. Charadrius himantopus, etc.; C. E. V.—1819: Asc. [1851: Asc. heteroura. 1896: Asc. ensicaudata.]
- chelonix* Chiaje, 1823, 68, t. h. Chelonia mydas [nv.].—1823: Asc.
- chenonettæ* Johnst., 1912, 71, t. h. Chenonetta jubata; Sydney.—1912: Het.
- chevreuxi* Seur., 1914, 252, t. h. Epervier; Bône.—1914: Physalopt. alata.
- chevreuxi* Seur., 1913, 678, t. h. Felis ocreata; Algeria.—1913: Habronema.
- chiajei* Pol., 1859 [nv.]; Par., 1894a, 216; t. h. Chelone mydas; Padua.—1859: Asc.
- chierhizæ* Mont., 1889d, 69, t. h. a telostean; Tabogo, Gulf of Panama.—1889: Echinor.
- chilensis* E. Bl., 1849e, 109, free; Valparaíso, Chili.—1849: Gord.
- chinensis* Villot of Cam., 1895a, 2; Borneo.—1895: Gord.
- chinensis* Villot, 1874a, 56; Pekin, Paris Mos.—1874: Gord.
- chilkensis* Stewart, 1914, 245, aquatic; Chilka Lake, India.—1914: Oncholaimus.
- chironomi* Dies., 1851a, 111, t. h. larva in Chironomus sp.; by Sieb.—1851: Mermis.
- chironomi-plumosi* Kræmer, 1853a, 291.—1853: Merinthoidium mucronatum.
- chironomi-plumosi* Dies., 1851a, 105, t. h. Chironomus plumosus; by Jenyes; teste Hope, 1840.—1851: Fil. 1851: Gord.
- chlamydosauri* Breinl, 1912, 41, t. h. Chlamydosaurus kingii; N. Queensland.—1912: Fil. 1912: Microfil.
- chlorophthalma* Man, 1877a, 114.—1877: Chromadora. 1917: Chromadorella.
- chlorurus* Man, 1880a, 61, in moist soil; Holland.—1880: Odontolaimus, mt.
- chordeilis* Packard, 1873c, 736, t. h. Chordeilis virginianus; Campton, N. H.—1873: Eustr.
- chordodes* Dies., 1851a, 94, t. h. Acanthodis glabrata; Brazil.—1851: Gord.
- chordodes* Gueguen, 1905, 399, for Gord. (Chord.).—1905: Gord.
- chrisoptera* Mol., 1858b, 273, t. h. Tapirus americanus; Brazil.—1858: Spiropt.
- chrysalis* Mayer, 1844a, 73 [an insect], t. h. Rana escul.—1844: Acanthosoma, mt.
- chrysanthemoides* Skrj., 1916, 51, t. h. Bufo sp.; Brit. E. Africa.—1916: Orneoasc., tod.
- chrysomelæ* von Holten, 1797a, 16, t. h. Chrysomela alni; by Holten.—1797: Fil.
- chrysomelæ-alni* Rud., 1809a, 77, t. h. Chrysomela alni.—1809: Fil.
- chrysomelæ-tanaceti* Frœl., 1791a, 108, t. h. Chrysomela tanaceti; by Frœl.—1791: Fil.
- chrysophrydis-auratæ* Dies., 1851a, 119, t. h. Chrysophrys aurata; M. C. V.—1851: Agamonema.
- chrysoptera* Cobbold, 1879b, 403, for chrisoptera (Spiropt.).
- chrysotidis* Walter, 1866a(b), 78 (28), t. h. Chrysotis amazonicus; by Walter.—1866: Trichosoma. 1915: Cap. [(Cap.).]
- cibourgensis* Steiner, 1914, 420, in fauligem Gras; bei Cibourg, Switz.—1914: Demaniella, mt. 1914: Demania.
- ciconia* Rud., 1819a, 55, t. h. Ardea ciconia, C. nigra; C. E. V. and by Rosa.—1819: Asc. [1851: Asc. microc.]
- ciconia* Schrank, 1788a, 2, t. h. Ciconia; Redi.—1788: Fil.
- ciconia-alba* Wedl, 1856a, 36, t. h. Ciconia alba; by Wedl.—1856: Asc.
- ciconia-maguari* M. C. V. in Mol., 1860b, 932.—1860: Spiropt. [1860: S. excisa.]
- ciconia-maguari* M. C. V. in Mol., 1860c, 486.—1860: Spiropt. [1860: S. longevaginat-us.]
- ciconia-maguari* M. C. V. in Mol., 1860b, 983.—1860: Spiropt. [1860: S. anulata.]
- ciconia-maguari* M. C. V. in Mol., 1860b, 983.—1860: Spiropt. [1860: S. tenuicauda.]

- ciliatus* Linst., 1877a, 2, in schwarzer Erde; Ing.—1877: *Acrobeles*, mt. 1909: *Cephalobus*.
ciliatus Müell., 1774, 30 [nv.]; Herbst, 1787a, 30.—1774: *Lumbricus*.
cinnata Müell. & Faumgarten, 1869a, 88, for *cinnata*.—1869: *Spiropt.* 1890: *Fil.* 1890: *Spiropt.*
cinnata Erc., 1866, 271, t. h. *Equus cab.*, *E. asinus*; by Erc.—1866: *Spiropt.* 1882: *Fil.*
cincta Cobb, 1894c, 390; Bay of Nap.—1894: *Tricomia*, mt.
cincta Cobb, 1917n, 119 [, in marine sand; Miami, Fla.].—1917: *Scaptrella*, mt.
cincta Linst., 1897i, 31, t. h. *Stellio vulg.*; Mus. Königsb.—1897: *Oxyuris*.
cincta Villot, 1875, 464: Roscoff.—1875: *Chromadora*.
cinctulus Porta, 1905a, 161, t. h. *Lucioperca volgensis*, *Silurus glanis*; Volga.—1905: *Echinor*.
cinctus Fabr., 1780a, 270; in fundo marino arenoso ad littora Greenland.—1780: *Gord.*
cinctus Linst., 1898a, 469, t. h. *Perameles obesula*; Australia.—1898: *Hoploc.*, mt. [1898: *Echinonema*, mt.]
cinctus Linst., 1906, 245, t. h. *Homo*; Transvaal.—1906: *Paragord.*
cinctus Rud., 1819a, 66, t. h. *Coluber atrovirens*, *Vipera redii*; Rimini, Berl.—1819: *Echinor*.
cingula Linst., 1902o, 634, t. h. *Cryptobranchus megalobranchus maximus*; Hamburg Zool. Gard.—1902: *Fil.*
cinnata Züern, 1871a, 65, misprint for *cinnata* (*Spiropt.*).
circularis Linst., 1897i, 28, t. h. *Mus rattus*; Madagascar.—1897: *Physalopt.*
circularis Linst., 1899b, 24, t. h. *Hesperomys* sp.; Porto Algere.—1899: *Fil.*
circularis Linst., 1903k, 110, t. h. *Centropus sinensis*; Siam.—1903: *Het.* 1914: *Ascaridia*.
circularis Linst., 1907, 251, t. h. *Pristis antiquorum*; Kamerun.—1907: *Asc.*
circularis Mol., 1860b, 922, t. h. *Corvus cyanomelas*, etc.; Brazil.—1860: *Spiropt.* 1910: *Pelecitus*.
circulata Micol., 1913, 119, in fresh water; Ostalpen.—1913: *Tripyla*.
circumcinctus Stadelmann, 1894a, 142, t. h. *Ovis aries*; Germany.—1894: *Str.* 1907: *Ostertagia*.
circumflexa Mol., 1858c, 377, t. h. *Trogon aurantius*; Brazil.—1858: *Fil.*
circumflexa Mol., 1858d, 145, t. h. *Felis pardus*; Padua.—1858: *Asc.* [1896: *A. mystax*.]
circumflexa Polonio, 1860b, 23, t. h. *Mus rattus*; Padua.—1860: *Trichina*.
circumflexus Mol., 1858d, 142, t. h. *Talpa europea*; Padua.—1858: *Echinor*. 1908: *Gigantor*.
circumplexa R. Bl., 1887e, 167, for *circumflexa* Polonio (*Trichina*).
circumplexa Rail., 1899d, 128, t. h. *Phoca vitulina*; baie de Somme.—1899: *Str.*
circumvallata Linst., 1906, 251, t. h. *Cygnus atratus*; Mus. Königsb.—1906: *Het.*
cirrata Carter, 1859b, 41, on *Gloeocapsa*, on walls; Isl. of Bombay.—1859: *Urolabes*.
cirrata Linst., 1906, 254, t. h. *Iguana tuberculata*; Zool. Mus. Königsb.—1906: *Oxyuris*. 1912: *Ozolaimus*.
cirratus Bast., 1865c, 119, aquatic; Bagshot.—1865: *Plectus*.
cirratus Müell., 1776, 215.—1776: *Lumbricus*.
cirratus Müell., 1777, 4 [nv.]; 1780c, 209, in Dorsch.—1780: *Cucullanus*, tsd.
cirratus Eberth, 1863a, 34, free; Nizza.—1863: *Enoplus*. 1875: *Discophora*, mt. 1891: *Dipeltis*.
cirratus Pall., 1781, 104, for *cirratus* (*Cucullanus*).
cirrohamata Linst., 1888a(b), 8, t. h. *Phalacrocorax verrucosus*; Challenger.—1888: *Fil.* (*Spiropt.*) 1897: *Spiropt.* 1916: *Streptocara*.
cirrura Leidy, 1886e, 309, t. h. *Quiscalus major*; Florida.—1886: *Fil.* 1916: *Thelazia*.
cistudinis Leidy, 1856b, 56, t. h. *Cistudo carolina*; by Schaffhirt.—1856: *Fil.*
citilli Rud., 1819a, 28, t. h. *Arctomys citillus*; Mus. Wien.—1819: *Spiropt.* 1916: *Physalopt.*
citilli Rud., 1819a, 76, t. h. *Arctomys citillus*; C. E. V.—1819: *Echinor*.
clavæ-fasciæ Mol., 1858c, 431, t. h. *Clavia fasciata*; Matogrosso.—1858: *Fil.*
claparedii Metsch., [nv.]; Chatin, 1884c, 376.—1884: *Chaetosoma*.
clathratum Baird, 1868b, 262, t. h. *Loxodonta africana*; by Baird.—1868: *Sclerost.* 1882: *Str.* 1900: *Sclerost.* 1910: *Grammoc.*, tod.
clausa Duj., 1845a, 85, t. h. *Erinaceus europæus*; M. V.—1845: *Spiropt.*
clausa Rud., 1819a, 29, t. h. *Erinaceus europæus*; Mus. Wien.—1819: *Physalopt.*, tsd.
clausii Bütsch., 1873e, 118.—1873: *Rhabditis*.
clava Linst., 1906, 111, t. h. *Aquila clanga*; Memel, E. Prussia.—1906: *Asc.*
clava Wedl., 1856b, 126, t. h. *Columba dom.*; by Müell.—1856: *Fil.*
claviceps Zed., 1800a, 130, in dem Schmerl; by Zed.—1800: *Echinor*. 1892: *Neor.*, tsd. 1905: *Neoechinor*, tod. [1914: *Eor.*, type.]

- clavæiceps* Rud., 1809a, 258, for *clavæcps* (Echinor.).
clavata Krøyer, 1838-40a, 603, t. h. *Gobius niger*, *Salmo fario*.—1838: Echinor.
clavata Rud., 1809a, 183, *gadi* renamed, t. h. *Gadus barbatus*; by Fabr.—1809: Asc.
clavata-verrucosa Mol., 1858c, 380, t. h. *Thamnophilus canadensis*; *Marabitanas*.—1858: Fil.
clavatus Linst., 1906, 246; Jaunde, Kamerun, German W. Africa.—1906: Chord.
claviceps Rud., 1819a, 800, for *clavæiceps* (Echinor.).
clavula Duj., 1845a, 532, t. h. *Cyprinus brama*, etc.; Rennes.—1845: Echinor.
clavula Duj. of Hammann, 1891a, 98, in *Salmo fario*; by Hamann.—1891: Echinor.
clavus Linst., 1901c, 194, in leaves of *Allium vineale*; Goett.—1901: Diplogaster.
clelandi Johnst., 1912, 76, t. h. *Gymnorhina tibicen*; Eidsvold.—1912: Fil.
clitellarius Ward & Magath, 1917, 59, t. h. *Acipenser rubicundus*; Lake St. Clair.—1917: Cucullanus.
clæliæ-fasciatæ Stoss., 1897b, 64, for *clæliæ-fasciatæ*, in *Oxyrhopus fasciatus*; Brazil.—1897: Fil.
clupeæ Ben., 1871a, 66, t. h. *Clupea harengus*; Belgium.—1871: Asc.
clupeæ-ponticæ Linst., 1903u, 275, t. h. *Clupea pontica*; Sinus Jaltensis, Black Sea.—1903: Asc.
clupearum Fabr., 1794, 35, t. h. *Clupea harengus*.—1794: Asc.
clyti Linst., 1892 [n.v.]; Seur., 1916, 364, in *Clytus arcuatus*.—1916: Nematodum.
coarctata Leuck., 1891a, 54, t. h. *Aphodius fimentarius*; by Leuck.—1891: Rhabditis.
cobbi Man, 1906, 161, *gracilis* Cobb, 1888, renamed.—1906: Tylenchus.
cobitides Bennet & Olivier, 1826a, 36, for *cobitidis* (Echinor.).
cobitidis Dies., 1851a, 186, t. h. *Cobitis barbatula*; Ireland.—1851: Asc.
cobitidis Gmel., 1790a, 3048, t. h. *Cobitis barbatula*; Gœze, 1782a, 158.—1790: Echinor.
cobitidis-barbatulæ Rud., 1809a, 258, based on Gœze, 1782a, 158.—1809: Echinor.
cobitidis-barbulæ Dies., 1851a, 25, for *c.-barbatulæ* (Echinor.).
cobitinus Schrank, 1788a, 24, t. h. in dem Schmerlen; Gœze, 1782a, 158.—1788: Echinor.
cocci Dies., 1851a, 100, t. h. *Coccus* sp.; teste Hope, 1840—1851 Fil. 1851: Gord.
coccinea Seur., 1914, 814, t. h. *Phœnicopterus roseus*; Algeria.—1914: Tropicodocerca.
1914: Tetrameres.
coccinellæ-septempunctatæ Dies., 1851a, 110, t. h. *Coccinella septempunctata*; by Otto.—1851: Mermis.
cochlæformis Schneid., 1866a, 54, for ? *cochleatus* (Enoplus).
cochleata Rail., 1916, 138, *spiralis* Oerley, 1882, renamed, t. h. *Heleioporus albopunctatus*.—1916: Fil.
cochleatus Schneid., 1866a, 54, im Meer, zwischen Algen; Helgoland.—1866: Enoplus.
cocksi Bast., 1865c, 143, tide pools; Falmouth.—1865: Phanoderma, tsd.
cæcum Savelev, 1912, 124, in *Lithothamnium*; Palafjord.—1912: Thoracost.
cælebs Linst., 1879b, 326, t. h. *Lanius rufus*; Coll. Hering.—1879: Fil.
cælebs Linst., 1897i, 28, t. h. *Centetes ecaudatus*; Madagascar.—1897: Physalopt.
cælebs Schlotthauer, 1860, 127, t. h. *Falco lagopus*.—1860: Syngamus.
cænatus Haase, 1910, 813, misprint for *crenatus* (Trichoc.).
coffææ Noack, 1898a, 202, in roots of coffee plants; Brazil.—1898: Aphelenchus.
coffææ Zimmermann, 1898, 16, on coffee.—1898: Tylenchus.
coffææ Zimmerman, 1898, 44, on roots of coffee.—1898: Aphelenchus.
cognetti Linst., 1907, 175, for *cognettii* (Gord.).
cognettii Cam., 1904, 1; Alta Birmania.—1904: Gord.
cohærens Schneid., 1866a, 127, t. h. *Dasyprocta aguti*; Brazil.—1868: Str. [1898: Sclerost. copulatum.]
coleopterorum Rud., 1809a, 76, quotes Lister, 1672, 4064.—1809: Fil. 1815: Gord. (Fil.). 1851: Gord.
collare Linst., 1873g, 294, t. h. *Gallus dom.*; by Linst.—1873: Trichosoma. 1915: Cap. (Thominx).
collaris Ehrenb. in Hempr. & Ehrenb., 1828a, (Hyrax) unpagged, t. h. *Hyrax capensis*; by H. & E.—1828: Crossophorus, tsd.
collaris Rud., 1802a, 20, t. h. *Pleuronectes maximus*; by Rud.—1802: Asc. 1803: Fus. 1809: Asc.
collaris Schrank, 1790a, 124, t. h. *Fulica fuliginosa*; Schrank.—1790: Echinor.
collurionis Frœl., 1802a, 40, t. h. *Lanius collurio*; by Frœl.—1802: Asc. [1851: Asc. laniorum. 1860: Spiropt. euryoptera.]
collurionis Rud., 1809a, 71, t. h. *Lanius collurio*; by Rossa.—1809: Fil.
collurionis Rud., 1819a, 76, t. h. *Lanius collurio*; C. E. V.—1819: Echinor.
collurionis pulmonatis Rud., 1819a, 8, t. h. *Lanius collurio*.—1819: Fil.
collurionis subcutanea Rud., 1819a, 8, t. h. *Lanius collurio*; C. E. V.—1819: Fil.
coloradensis Hall, 1916a, 169, t. h. *Eutamias quadrivittatus*; Colo.—1916: Rictularia.
coluber Müell., 1786a, 62.—1786: Vibrio. 1828: Anguillula.

- colubri* Bosc, 1802a, 49, t. h. *Coluber* sp.—1802: Fil.
colubri Cat. RCSL, 1830, 43, t. h. *Coluber*.—1830: Asc.
colubri M. C. V. in Mol., 1861a, 543 (119); Brazil.—1861: Str. [1861: Kalic. subulatus.]
colubri Rud., 1819a, 37, t. h. *Coluber austriacus*; Brazil.—1819: Str. 1851: Physalopt. [1858: Kalic. subulatus.]
colubri Rud., 1819a, 712, 799, t. h. *Coluber* [*Thamnobius poecilostoma*]; Brazil.—1819: Dubium. 1851: Nematoideum.
colubri-ænei M. C. V. in Mol., 1858c, 435, t. h. *Helicops carinicaudus*; M. C. V.—1858: Fil.
colubri-americani Cobbold, 1861e, 123, t. h. *Coluber americanus*; Lond. Zool. Gard.—1861: Fil.
colubri-americani Cobbold, 1861e, 124.—1861: Nematoideum.
colubri-americani Rud., 1819a, 10, t. h. *Coluber* sp.; by Bosc.—1819: Fil.
colubri-austriaci Rud., 1819a, 10, t. h. *Coluber austriacus*; C. E. V.—1819: Fil.
colubri-blumenbachii Cobbold, 1861e, 123, t. h. *Coluber blumenbachii*; Ing.—1861: Fil.
colubri-blumenbachii Cobbold, 1861e, 124.—1861: Nematoideum.
colubri-errio vari M. C. V. in Mol., 1861a, 542; Brazil.—1861: Str. [1861: Kalic. strumosus.]
colubriiformis Giles, 1892c, 34, t. h. *Ovis aries*; India.—1892: Str. [1895: pars Str. instabilis. 1905: ?*Trichostr. subtilis*.] 1911: *Trichostr.*
colubri-jararaca M. C. V. in Mol., 1861a, 540 (116); Brazil.—1861: Str. [1861: Kalic. inermis.]
colubri-natrix Crep., 1844a, 121, t. h. *Coluber natrix*; by Crep.—1844: Nematoideum.
colubri-natrix Rud., 1810a, 270, t. h. *Coluber natrix*.—1810: Vermis (dubius). 1819: Dubium.
colubri-olivacei Rud., 1819a, 189, 559, 799, t. h. *Coluber olivaceus* [*Philodryas olfersii*]; Brazil.—1819: Dubium. 1851: Nematoideum.
colubri-surucucu M. C. V. in Mol., 1861a, 543 (119); Brazil.—1861: Str. [1861: Kalic. subulatus.]
columba Bennet & Olivier, 1826a, 14, for *columbæ* (Asc.).
columbæ Bridé, 1910, 38, in pigeon; Tunis.—1910: Disph. spiralis.
columbæ Gmel., 1790a, 3034, t. h. *Columba dom.*; by Gœze.—1790: Asc. [1845: Asc. (*Ascaridia*) *maculosa*. 1809: Asc. *maculosa*.] 1885: Het. 1913: *Ascaridia*.
columbæ Rud., 1819a, 15, t. h. *Columba dom.*; C. E. V.—1819: *Trichosoma*. 1915: Cap.
columbi R. Bl., 1905, 148, in Crapaud; Columbie.—1905: Fil.
columbia Linst., 1907, 267, t. h. *Bufo* sp.—1907: Fil. [See *columbi*.]
columbianum Curtice, 1890c, 16, t. h. *Ovis aries*; U. S. A.—1890: Oesophagost. 1898: Hypost. 1913: Oesphagost. (*Proteracrum*).
columbaris Leidy, 1856b, 51, new name for *alienata* Rud. of Leidy, t. h. *Mephitis chinga*; Ing.—1856: Asc.
colymbetis-striati Dies., 1851a, 92, t. h. *Colymbetes striatus*; by Dohrn.—1851: Fil. 1851: Gord.
colymbetis-ferruginei Dies., 1851a, 92, t. h. *Colymbetes ferrugineus*; Eng.—1851: Fil. 1851: Gord.
colymbi Rud., 1819a, 10, t. h. *Colymbus cristatus*; C. E. V.—1819: Fil. [1861: *Dicheilonema*.]
colymbi Rud., 1819a, 29, t. h. *Colymbus septentrionalis*; Greifsw.—1819: Spiropt.
colymborum Rud., 1819a, 55, t. h. *Colymbus auritus*, etc.; C. E. V.—1819: Asc. [1851: Asc. *spiculigera*.]
colymbus Müell., 1773b, 49, in aquis raro.—1773: Vibrio. [1838: *Amphileptus*.]
comes Tüerck, 1903 (1903–1904a), 330, marine; Gulf of Nap.—1903: Thoracost.
communis Bast., 1865c, 148, tide pools; Falmouth.—1865: *Enoplus*.
communis Büetsch., 1873a, 91; Germany.—1873: *Plectus*.
communis Büetsch., 1874b, 282; Kieler Bucht.—1874: *Spilophora*. 1889: *Desmodora*, tod.
communis Cobb, 1915, 44; Douglas Lake, Mich.—1915: *Aphanolaimus*.
communis Man, 1880a, 34, t. h. moist soil; Holland.—1880: *Cylindrolaimus*, tsd.
communis Man, 1880a, 63, in moist soil; Holland.—1880: *Diphtherophora*, mt.
communis Man, 1888a, 12, marine; Terschelling.—1888: *Terschellingia*, mt.
communis Deslgch., 1824q, 399, t. h. *Gadus callarias*.—1824: *Filocapsularia*, mt. 1838–40: *Agamonema*. 1851: *Agamonema*. 1878: Asc. 1910: Fil.
communis cyaneus Hoffmeister [nv.]; Waldenstrøen, 1874a, 78.—1874: *Lumbricus*.
commutata Dies., 1851a, 152, brevicaudata 1819 renamed, t. h. *Bufo viridis*; M. C. V.—1851: Asc. 1861: *Cosmocerca*. 1866: *Nematoxys*. 1916: *Ananconus*, tod.
commutatus Dies., 1851a, 315, t. h. *Lepus timidus*; Europe.—1851: Str. 1907: *Synhetotacaulus*, tod.

- compar* Leidy, 1856b, 52, t. h. *Felis catus*; by Leidy.—1856: *Oxyuris*.
compar Schrank, 1790a, 120, t. h. *Tetrao lagopus*; teste Schrank.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.* 1845: *Asc.* (*Ascaridia*). 1887: *Het.* 1897: *Heteracis*. 1913: *Ascaridia*.
complanatus [nv.]; Aducco, 1889, 54.—1889: *Lumbricus*.
compressa Schneid., 1866a, 67, t. h. *Gallus dom.*; Adelaide, S. Australia.—1866: *Het.* [1882: *Ascaride.*] 1912: *Ascaridia*.
compressus Roemer, 1895a, 198; Baramfluss, Borneo.—1895: *Chord*.
compressus Rud., 1802a, 48, t. h. *Corvus monedula*; by Rud.—1802: *Echinor.* 1905: *Gigantor*.
conchoptera Cobbold, 1875, 514, misprint for *lonchoptera* (*Asc.*).
condamni Vañha, 1893, 283.—1893: *Dorylaimus*.
conepati Solanet, 1911, 1, t. h. *Conepatus suffocans*; Buenos Aires.—1911: *Agchylostoma*. [1911: *Ancylostoma*.]
confusum Sons., 1896m, 441, t. h. *Equus cab.*; Egypt.—1896: *Gongylonema*.
confusus Rail. & Henry, 1915, 451, t. h. *Emys sp.*; Zool. Gard., Hamburg.—1915: *Camallanus*.
conga Drasche, 1883a, 140, misprint for *longa* (*Asc.*).
conger Ben., 1871a, 82, t. h. *Conger vulg.*; Belgium.—1871: *Dacnites*. 1878: *Dacnitis*.
congeri-vulgaris Mol., 1859h, 28, t. h. *Conger vulg.*; Padua.—1859: *Fil.* 1861: *Ichthyonema*.
congolensis Rail. & Henry, 1911, 388, t. h. *Phacochoerus porcus*; Ibenga, French Congo.—1911: *Setaria*.
conica Drasche, 1884b, 327, t. h. *Testudo græca*; Trieste or Coll. Wien.—1884: *Oxyuris*.
conica Mol., 1858c, 412, t. h. *Cavia acuschy*; Brazil.—1858: *Fil.* 1861: *Dicheilonema*.
conicum Mol., 1861a(b), 559 (135), t. h. *Capra aries mambricus*.—1861: *Oesophagost.*
conicus Zed., 1803a, 159, *quadrirrostris* Gœze 1782a renamed, t. h. *Salmo salar*.—1803: *Echinor*.
conjunctiva Tecce, 1908a, 934, for *conjunctivæ* (*Fil.*).
conjunctivæ Supino, 1900a, 91, for *conjunctivæ* (*Fil.*).
conjunctivæ Penel, 1905a, 8, for *conjunctivæ* (*Fil.*).
conjunctivalis Penel, 1905a, 67, for *conjunctivalis* (*Fil.*).
conjunctivæ Aless., 1906, title page, misprint for *conjunctivæ* (*Fil.*).
conjugatus cavæ-aguti M. C. V. in Mol., 1861a, 462; Brazil.—1861: *Str.* [1861: *Eucyathost. copulatum*.]
conjunctiva Sl. & Sw., 1912a, 392, for *conjunctivæ* (*Fil.*).
conjunctivæ Addario, 1885, 135, t. h. *Homo*; Italy.—1885: *Fil.*
conjunctivalis Linst., 1907, 253, t. h. *Lemur murinus*; Berl. Zool. Gard.—1907: *Spiropt.*
conjunctivæ Assenova, 1889, 50, for *conjunctivæ* (*Fil.*).
conocephala Mol., 1860b, 943, t. h. *Cuculus cayanus*; Brazil.—1860: *Spiropt.*
conocephalus Krabbe, 1878a, 49, t. h. dolphins; Atlantic.—1878: *Asc.* [1861: *Conoc.*, type.]
conoides Bloch, 1782a, 35, t. h. *Anas dom.*; by Zed.—1782: *Cucullanus*.
conosoma Jøerdens, 1802a, 30, t. h. *Homo*; by Bretschneider.—1802: *Asc.* [1802: *Conosoma*, tat. 1860: *Musca dom.*.]
conostoma Rud., 1808a, 166; 1809a, 154, for *conosoma* (*Asc.*).—[1794: *Conostoma*, tat.].
conoura Linst., 1885b, 242, t. h. *Anguilla vulg.*; by Linst.—1885: *Fil.* 1909: *Spiropt.* 1910: *Fil.* (*Spiropt.*)
consimilis Cobb, 1917n, 438, about roots of *Platonia insignis*; Brazil.—1917: *Mononchus* (*Iotonchus*).
consobrinus Man, 1906, 163, in soil; Holland.—1906: *Tylenchus*.
conspicua Trav., 1914, 326, t. h. *Didelphis opossum*; Rio de Jan.—1914: *Viannana*.
constricta Leidy, 1856b, 53, t. h. *Tropidonotus sipedon*; U. S. A.—1856: *Physalopt.*
constricta Rud., 1809a, 134, t. h. *Trachinus draco*; Europe.—1809: *Asc.*
constrictor Olfers, 1816a, 51, probably for *constrictus* (*Echinor.*).
constrictor Nitzsch in Gieb., 1857a, 268, t. h. *Anas fuligula*; Germany.—1857: *Echinor*.
constrictus Zed., 1800a, 139, s. *anatis* Schrank, t. h. *Anas dom.*, *Fulica fusca*; by Gœze.—1800: *Echinor*.
continuus Müell., 1786a, 52.—1786: *Vibrio*.
contorta Kühn, 1857a [nv.]; Dolley, 1894a, 1021.—1857: *Tylenchus*. 1883: *Trichina*.
contorta Leidy, 1856b, 53, t. h. *Cistudo carolina*, etc.; U. S. A.—1856: *Physalopt.*
contorta Linst., 1889m, 391, free; by Linst.—1889: *Mermis*. 1905: *Paramermis*. 1905: *Hydromermis*.
contorta Mehl. in Crep., 1846a, 148, t. h. *Triton tæniatus*; by Mehl.—1846: *Asc.*
contorta Rud., 1819a, 25, t. h. *Testudo orbicularis*; Rimini.—1819: *Spiropt.* 1866: *Spiroxys*, mt.

- contorta* Weidman, 1913, 141, t. h. *Dichocercus bicornis*; Phila. Zool. Gard.—1913: *Tropidocerca*. 1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*).
- contortis* AJCGH, 1904, 293, for *contortus* (Str.).
- contortum* Crep., 1839a, 278, t. h. *Charadrius hiaticula*, etc.; by Crep.—1839: *Trichosoma*. 1915: *Cap.* (*Thominx*).
- contortum* Linst., 1906, 256, t. h. *Bufo vulg.*; Corfu.—1906: *Oxysoma*. 1916: *Oxyso-matium*.
- contortum* Mol., 1860e, 349, t. h. *Ursus arctos*; M. C. V.—1860: *Gongylonema*. 1879: *Spiropt.* (*Gongylonema*).
- contortus* Brems. in Westrumb, 1821a, 25, t. h. *Lanius collurio*; [Wien].—1821: *Echinor*.
- contortus* Cobb, 1894c, 414, in marine sand; Nap.—1894: *Laxus*.
- contortus* Fuchs, 1915, 117, t. h. *Ips typographus*.—1915: *Tylenchus*.
- contortum* Mol., 1858 (1859e), 294, t. h. *Strix flammea*; Padua.—1858: *Echinor*.
- contortus* Mol., 1858 (1859e), 298, t. h. *Ibis falcinellus*; Padua.—1858: *Disph.* 1912: *Acuaria* (*Hamannia*).
- contortus* Rud., 1803a, 15, t. h. *Ovis aries*; by Rud.—1803: *Str.* [1898: *Hæmonchus*, mt.] 1901: *Strugglus*. 1905: *Hæmonchus*, mt. 1913: *Hemonchus*.
- contortus* Rud., 1819a, 637, t. h. *Mus capensis*; Cape of Good Hope.—1819: *Trichoc*. 1916: *Trichuris*.
- contortus cembraei* Fuchs, 1915, 180, t. h. *Ips cembraei*.—1915: *Tylenchus*.
- contortus typographi* Fuchs, 1914, 203, t. h. *Ips typographus*.—1914: *Tylenchus*.
- contortus* Graham, 1906, 241, for *contortus* (Str.).
- conura* Daday, 1911, 506; Neuenburger-See.—1911: *Hydromermis*.
- conura* Mehl. in Crep., 1846a, 132, t. h. *Corvus glandarius*; Ing.—1846: *Asc*.
- convoluta* Mol., 1858c, 390, t. h. *Cystignathus gigas*, *Leptodactylus sibilatrix*; Brazil.—1858: *Fil.*
- convoluta* Zed., 1803a, 106, s. *talpæ* 1790, t. h. *Talpa*.—1803: *Fus.* [1809: *Asc. stru-mosa*. 1860: *Spiropt. strumosa*. 1916: *Spirura talpæ*.] 1916: *Fil.*
- convolutum* Fourm., 1885a, 703, t. h. *Ossifraga gigantea*; by Fourm.—1885: *Calodium*. 1890: *Trichosoma*. 1915: *Cap.* (*Cap.*).
- convolutus* Kühn, 1829b, 363, t. h. *Delphinus phocena*; by Kühn.—1829: *Str.* 1851: *Prosthecosacter*. 1899: *Pseudalius*.
- convolutus* Ostertag, 1890b, 457, t. h. *Bos taurus*; Berl.—1890: *Str.*
- coprophages* Man, 1876a(b), 159(82); Leiden.—1876: *Diplogaster*.
- copulatum* Mol., 1861a, 462, t. h. *Dasypsecta aguti*; Caçara, M. C. V.—1861: *Eucyathost.* 1898: *Sclerost*.
- coracæ* Gmel., 1790a, 3033, t. h. *Coracias garrula*; teste Gœze.—1790: *Asc.* 1803: *Fus.* [1809: *Fil. coronata*.]
- coracæ* Rud., 1819a, 77, t. h. *Coracias garrula*; Brems., 1811a, 26.—1819: *Echinor*.
- coracis* Braun, 1883a, 183, t. h. *Corvus corax*.—1883: *Fil. sanguinis*.
- cordata* Linst., 1906, 749, t. h. *Callipepla squamata*; Mexico.—1906: *Het.* 1914: *Ascaridia*.
- cordatus* Müell., 1897a, 5, t. h. *Coracias garrula*, etc.—1897: *Disph.*
- cordicola* Linst., 1905cc, 275, t. h. *Equus asinus*, E. cab.; German E. Africa.—1905: *Fil.*
- cordis* Reichard, 1759, 4 (*Herzwurm*) [nv.]; Rud., 1808a, 56.—1808: *Vermis.* 1810: *Lumbricus*.
- cordis phocæ* Joly, 1858a, 166, t. h. *Phoca vitulina*; by Joly.—1858: *Fil.*
- coreanus* Linst., 1906, 557, in fresh water stream; Korea.—1906: *Parachord*.
- coricæ-striatæ* Dies., 1851a, 100, t. h. *Corixa striata*.—1851: *Gord*.
- cornelyi* Cobbold, 1876, 294, t. h. *Numida vulturina*; by Cornely.—1876: *Asc*.
- cornicis* Gmel., 1790a, 3033, t. h. *Corvus cornix*; teste Gœze.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.* [1896: *Asc. ensicaudata*.]
- cornicis* Gmel., 1790a, 3040, t. h. *Corvus cornix*; Pall.—1790: *Fil.*
- cornicis* Rud., 1819a, 76, t. h. *Corvus cornix*; C. E. V.—1819: *Echinor*.
- cornus* Stewart, 1898, 325, misprint for *cernuus* (*Doch.*).
- cornuta* Linst., 1899b, 24, t. h. *Antilope* sp.; Kamerun.—1899: *Fil.* 1911: *Setaria*.
- cornuta* Stoss., 1904b, 1, t. h. *Thynnus vulg.* Trieste.—1904: *Asc*.
- cornutus* Cobb, 1914, 73 (39); Maple River, Mich.—1914: *Teratoc*.
- cornwalli* Cobbold, 1879 [nv.]; R. Bl., 1887e, 160, t. h. *Homo*.—1879: *Rhabditis*.
- corollatus* Schneid., 1866a, 117, t. h. *Galeopithecus philippinensis*; Luzon.—1866: *Oxyuris*.
- coronata* Ben., 1858a (1861a), 270, t. h. *Raia radians*, *Scillium canicula*; by Ben.—1858: *Spiropterina*, mt.
- coronata* Cobb, 1893b, 279, in banana plant; Fiji.—1893: *Rhabditis*. 1913: *Diplos-capter*, mt.
- coronata* Linst., 1903k, 114, t. h. *Galeopithecus volans*; Petalung.—1903: *Oxyuris*. 1903: *Oxyuris*.

- coronata* Linst., 1906, 165, *Ardeola grayi*; Ceylon.—1906: Asc.
- coronata* Mehl. in Crep., 1846a, 136, t. h. *Tringa alpina*; by Mehl.—1846: Spiropt.
- coronata* Mol., 1860b, 970, t. h. *Alcedo americana*, *Rallus cayennensis*; Brazil.—1860: Spiropt. 1916: Histioc.
- coronata* Rud., 1809a, 65, t. h. *Coracias garrula*; Europe.—1809: Fil. 1815: Gord. (Fil.).
- coronatum* Looss, 1900c, 159, t. h. *Equus cab.*, etc.; Egypt.—1900: Cyathost. 1902: Cylichnost. 1911: Cylicost.
- coronatus* Man, 1906, 156, prairies de terre argileuse; Walcheren.—1906: Dorylaimus.
- coronatus* Eberth, 1863a, 37, marine; Nizza.—1863: Enoplus. 1865: Leptosomatum.
- coronatus* Mol., 1861a(b), 533 (109), t. h. *Phyllost. discolor*; Brazil.—1861: Histiostr., mt. 1899: Sclerost.
- coronatus* Mol., 1861a(b), 611 (187), t. h. *Mergus merganser*; Padua.—1861: Hystrichis.
- coronatus* Zed., 1800a, 91, t. h. *Muraena anguilla*; Ing.—1800: Cucullanus.
- corrugatus* Cam., 1895a, 2; Sumatra.—1895: Gord.
- corvi-coracis* Sars., 1885a, 221, t. h. *Euphausia pellucida*; by Sars.—1885: Echinor.
- corvi* Linst., 1900 in Wolffh., 1900a, 10, etc., t. h. *Corvus corone*, etc.; Freiburg.—1900: Spiropt.
- corvi* M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: *S. circularis*.]
- corvi* Sons., 1896m, 448, t. h. *Corvus cornix*; Egypt.—1896: Fil. sanguinis.
- corvi-cajani* M. C. V. in Mol. 1860c, 500.—1860: Spiropt. [1860: *Disph. mamillaris*.]
- corvi-coracis* Dies., 1851a, 226, t. h. *Corvus corax*; Ireland.—1851: Spiropt.
- corvi-frugilegi* Rud., 1819a, 54, t. h. *Corvus frugilegus*; C. E. V.—1819: Asc.
- corvi-glandarii* Viborg, 1795, 235 [nv.]; Rud., 1809a, 197; t. h. *Corvus glandarius*.—1795: Asc. 1809: Asc.
- corvi-monedulæ* Baird, 1853a, 105, t. h. *Corvus monedula*; Ireland.—1853: Trichosoma. 1853: Cap.
- corvi-torquati* Cobbold, 1880k, 131, t. h. *Corvus torquatus*; China.—1880: Fil.
- corvi-torquatis* A., D., & E., 1901b, for *corvi-torquati* (Fil.).
- corvinæ-nigræ* Par., 1894a, 226, t. h. *Corvina nigra*; Genoa.—1894: Agamonema.
- corvorum* Baird, 1853a, 106, t. h. *Corvus*; Coll. Wien.—1853: Acuaria.
- corvorum* Rud., 1819a, 15, t. h. *Corvus caryocatactes*, etc.; C. E. V.—1819: Trichosoma. 1915: Cap.
- corynodes* Linst., 1899b, 23, t. h. *Cercocebus fuliginosus*, etc.; Berl. Zool. Gard., Kame-run.—1899: Fil. 1911: Dirofil.
- corynoides* Skrj., 1913, 406, t. h. *Anas boschas*; Russian Turkestan.—1913: Polymorphus.
- coryphænxæ* Rud., 1809a, 320, t. h. *Coryphæna hippuris*; by Bosc.—1809: Echinor. [1809: *Tetrar. papillosus*.]
- costaricensis* Linst., 1898e, 162; Costa Rica.—1898: Mermis. [An *Agamomermis*.]
- costata* Bast., 1865c, 166, marine, surface mud; Falmouth.—1865: Spiliphæra. 1874: Spiliphora. [1889: *Monoposthia*, tod.] 1907: *Monoposthia*.
- costata* Linst., 1907, 81, t. h. *Mabuia multifasciata*; Java.—1907: Oxyuris.
- costatus* Meyer, 1896b, 69, t. h. *Manis pentadactyla*; Ceylon.—1896: Str.
- costatus* Rud., 1819a, 647, t. h. *Coluber* sp.; Brazil.—1819: Str. 1845: Sclerost. 1851: Diaphanoc.
- costellatus* Duj., 1845a, 116, t. h. *Arvicola arvalis*; Rennes.—1845: Str. 1861: Metastr. [1899: Str. *polygyrus*.] 1909: *Heligmosomum*, tod.
- cotylophora* Ward & Magath, 1917, 60, t. h. *Perca flavescens*, *Stizostedion vitreum*; Lake St. Clair.—1917: *Dacnitoides*, mt.
- [*couleti* [= of Coulet] Browne, 1756, 382, t. h. *Homo*, not asspecific name.—1756: Asc.]
- [*couleti* [= of Coulet] Blumenb., 1825a, 242, t. h. *Homo*.—1825: *Ascarides*.]
- cracis* M. C. V. in Mol., 1860b, 944.—1860: Spiropt. [1860: *S. heteroclita*.]
- cracis* M. C. V. in Mol., 1860b, 983.—1860: Spiropt. [1860: *S. tenuicauda*.]
- cracis-alectoris* M. C. V. in Mol., 1860b, 981.—1860: Spiropt. [1860: *S. anolabiata*.]
- craspedota* Steiner, 1916, 333, marine.—1916: *Chromadora*.
- crassa* Büetsch., 1873a, 63, in moss.—1873: *Monhystera*.
- crassa* Deslgh., 1824e, 89, t. h. *Anas boschas* dom.; Ing.—1824: Asc. [1851: Asc. inflexa. 1861: Asc. inflexa.] 1912: *Porrocæcum*, mt.
- crassa* Linst., 1879b, 329, t. h. *Alauda arvensis*; Stuttgart.—1879: Physalopt.
- crassa* Linst., 1889m, 392, free and in larva of *Chironimus plumosus*; by Linst.—1889: Mermis. 1902: *Paramermis*, tod.
- crassa* Rail. & Henry, 1910, 152, t. h. *Otis tarda*; Abyssinia.—1910: *Aprocta*.
- crassa* Schlotth., 1860a, 125, t. h. *Strix brachyotos*; by Schlotth.—1860: Fil.
- crassicauda* Büetsch., 1873a, 10, misprint for *crassicauda* (*Trichosoma*).
- crassicauda* Mol., 1860b, 937 (29), misprint for *crassicauda* (*Spiropt.*).
- crassicauda* Bellingh., 1840a, 349, t. h. Norway rat; by Bellingh.—1840: *Trichosoma*. 1863: *Trichoc*. 1874: *Trichodes*, mt., tod. 1905: *Trichosomoides*, type.

- crassicauda* Crep., 1829b, 3, t. h. *Colymbus rufogularis*, *Anas glacialis*; by Crep.—1829: Spiropt. 1860: Disph. 1912: *Acuaria* (*Synhimantus*). 1916: *Streptocara*.
- crassicauda* Crep., 1829a, 874, t. h. *Balanus rostrata*; ad *Rujia insulæ*.—1829: Fil. [1914: *Crassicauda*, tod.] 1915: *Crassicauda*, tod.
- crassicauda* Daday, 1896, 414.—1896: *Teratoc. palustris*.
- crassicauda* Daday, 1899, 561.—1899: *Tripyla*.
- crassicauda* Daday, 1913, 267, for *crassicauda* 1851 (*Mermis*).
- crassicauda* Mol., 1860b, 937, t. h. *Tinamus tao*, *T. strigulosus*; M. C. V., Brazil.—1860: Spiropt.
- crassicauda* Rud., 1819a, 50, t. h. *Labrus tinca*; M. V.—1819: *Asc*.
- crassicauda charadrii* Skrj., 1915, 698, t. h. *Vanellus cristatus*.—1915: *Streptocara*.
- crassicauda specifica* Lowenstein, 1911, 750.—1911: *Trichodes*.
- crassicauda* Leidy, 1851c, 263, in a ditch; Penn.—1851: *Mermis*.
- crassicaudatum* Leuck., 1868a, 491, apparently for *crassicauda* (*Trichosoma*).
- crassicolis* Villot, 1875, 472, t. h. *Calidris arenaria*; Brittany.—1875: *Echinor*.
- crassidens* Man, 1880a, 46, in moist soil; Holland.—1880: *Teratoc*.
- crassispiculum* Sons., 1889c, 227, t. h. *Megalotis cerdo*; Egypt.—1889: *Het*. 1914: *Subulura* (*Oxyntema*). 1915: *Allodapa*.
- crassissima* Ditlevsen, 1912, 219, in meadow; near Øresund.—1912: *Monhystera*.
- crassissimus* Mol., 1860c, 492, t. h. *Rhamphastos vitellinus*; Brazil.—1860: *Disph*. 1912: *Acuaria* (*Dispharynx*).
- crassiuscula* Nordm., 1833b, 268, for *crassiuscula* (Fil.).
- crassiuscula* Nordm., 1832a, 20, t. h. *Gadus aeglefinus*; Cuxhaven.—1832: Fil.
- crassiusculus* Duj., 1845a, 235, in water; Vilaine.—1845: *Enoplus*. 1865: *Mononchus*.
- crassoides* Jægers., 1908, 673; Thuner See, Switz.—1908: *Dorylaimus*.
- crassoides* Lauterborn, 1913, 871.—1913: *Diplogaster*.
- crassoides* Micol., 1913, 545, aquatic; Ostalpen.—1913: *Monhystera*.
- crassus* Man, 1884a, 186, in marshy soil; Holland.—1884: *Dorylaimus*.
- crassus* Duj., 1845a, 279, t. h. *Viverra* sp.; Senegal.—1845: *Doch*. 1899: *Unc*.
- crassus* Grube, 1849a, 370; Africa.—1849: *Gord*.
- crassus* Mol., 1860c, 500, t. h. *Picus viridis*; Berl.—1860: *Disphar*.
- crenata* Schrank, 1790a, 121, t. h. *Felis catus*; Schrank.—1790: *Asc*.
- crenata* Zed., 1800a, 21, t. h. *Sturnus vulg.*; by Zed.—1800: *Fus*. 1809: *Asc*.
- crenatum* Rail., 1898b, 173, s. *verrucosum* Giles.—1898: *Gongylonema*.
- crenatus* Rud., 1809a, 95, t. h. *Sus scrofa dom. et fera*; by Geze.—1809: *Trichoc*. 1911: *Trichuris*.
- crenulata* Brems., 1824c, 5, t. h. *Felis onça*.—1824: *Asc*. 1851: *Asc. leptoptera*. 1911: *Belasc*.
- crenulatus* Rud., 1809a, 238, t. h. *Colymbus septentrionalis*; Greifsw.—1809: *Str*. [1819: Spiropt. *colymbi*. 1860: *Disph. crassicauda*.]
- crinalis* Wedl., 1855a, 384, t. h. *Lophius piscatorius*; Trieste.—1855: *Dikentroc. mt*. [1861: *Dicentroc*.]
- criniformis* Gæze, 1782a, 106, t. h. *Ursus meles*; Germany.—1782: *Asc*. 1802: *Str*. 1845: *Doch.*, tsd. 1898: *Anchylostomum*. [1898: *Ancylostoma*.] 1899: *Ankylostomum*. 1899: *Unc.*, type.
- criniformis* Wucherer, 1869, 171, misprint for *criniformis* (*Doch*.).
- crino* Rail. & Cadot, 1892f (g), 482 (1), t. h. dog.—1892: *Asc*.
- crinon* Brug., 1792a, 131, t. h. *Equus cab.*, etc.; by Chabert.—1792: *Asc*.
- crispinus* Stoss., 1899d, 108, misprint for *crispinus* (*Str*.).
- cristata* Frol., 1802a, 9, t. h. *Mus sylvaticus*; by Frol.—1802: *Rictularia*, mt. 1819: *Ophist*. [1845: *Laphyctes*, type.]
- cristata* Linst., 1872e, 148, t. h. *Abramis brama*; Ratzeburger-See.—1872: *Asc*.
- cristata* Linst., 1901b, 413, t. h. *Balearica regulorum*; Langenburg, Nyassa-See, Africa.—1901: *Het*. 1914: *Ascaridia*.
- cristata* Seur., 1912, 176, t. h. *dromadaire*; Algeria.—1912: Spiropt. *sexalata*. 1915: *Physoc*.
- cristatus* Bast., 1865c, 102, in moss; Falmouth.—1865: *Mononchus*.
- cristatus* Rail. & Henry, 1915, 275, *serratus* Linst., 1901, not 1892, renamed, t. h. *Phycistenuis*.—1915: *Spinitectus*.
- croaticus* Stoss., 1890g (h), 131 (3), t. h. *Syrnium uralense*; Bedekovcina, Croazia.—1890: *Echinor*.
- crocodili* M. C. V. in Mol., 1858c, 379.—1858: Fil.
- croci* Seur., 1914, 247, t. h. *Accipiter nisus*; Mascara.—1914: *Physalopt*.
- crotali* M. C. V. in Mol., 1861a, 548, t. h. *Crotalus horridus*.—1861: *Str*.
- crotali* Blainv., 1828a, 532, t. h. *Crotalus durissus*; America.—1828: *Linguatula*. 1840: *Echinor*. [1850: *Pentast. proboscideum*.]
- crotali* Rud., 1819a, 16, t. h. *Crotalus durissus*; C. E. V.—1819: *Trichosoma*. 1915: *Cap*.

- crotali-durissi* C. M. V. in Par., 1897c, 380 for *crotali* 1819.—1897: Cap.
crotophaga Daniels, 1902, 335, t. h. *Crotophaga ani*: Brit. Guiana.—1902: Fil.
crotophaga-ani M. C. V. in Mol., 1860b, 966.—1860: Spiropt.
crotophaga-majoris M. C. V. in Mol., 1860b, 940.—1860: Spiropt. [1860: *S. lanceolata*.]
crotophaga-majoris M. C. V. in Mol., 1860b, 966.—1860: Spiropt. [1860: *S. anacanthura*.]
cruciata Linst., 1902d, 29, t. h. *Metopoceros* (*Iguana*) *cornutus*; Haiti.—1902: *Atractis*.
cruciformis Cobbold, 1879b, 298, ? for *criniformis*, t. h. *Meles*; Hunterian Mus.—1879: Str.
crucis Maupas, 1900a, 578, in terre sablonneuse; Sud-Oranais.—1900: *Macrolaimus*, tod.
cruzi Trav., 1914, 154, t. h. *Bucco swainsoni*, *Melanerpes flavifrons*.—1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*, tod.).
cryphali Fuchs, 1914, 195, t. h. *Cryphalus piceæ*.—1914: *Tylenchus dispar*.
crypturi Rud., 1819a, 636, t. h. *Crypturus*; Brazil.—1819: *Trichosoma*. 1915: Cap.
crysotidis Trav., 1915, 160 for *chrysotidis*.—1915: Cap. (Cap.)
cubanensis Montg., 1898a, 52; Cuba.—1898: Chord.
cuculi-cayani M. C. V. in Mol., 1860b, 943.—1860: Spiropt. [1860: *S. conocephala*.]
cucullanus Zed., 1803a, 92, t. h. *Rana temp.*; Gæzeq.—1803: Asc. [1803: Str. *auricularis*.]
cucullatum Hall, 1916a, 56, t. h. *Eutamias amœnus operarius*; Colo.—1916: *Heteroxynema*, mt. tod.
cucullus Linst., 1899b, 19, t. h. *Potamogale velox*; Kamerun.—1899: *Ancyracanthus*. 1916: *Galeiceps*, tod.
culicis Stiles, 1903aa, 15, t. h. *Culex sollicitans*, U. S. A.—1903: *Agamomermis*.
cunctaria Schneid., 1883, 1 [nv.].—1883: *Sphærulearia*.
cuneiformis Zed., 1800a, 22, t. h. *Cyprinus* sp.; by Zed.—1800: Fus. 1809: Asc.
cunicularii Fuchs, 1914, 205.—1914: *Tylenchus dispar*.
cuniculi Dies., 1851a, 54, t. h. *Lepus cuniculus*; Ireland.—1851: *Echinor*.
curticei Rail., 1893a, 442, emendation of *curticii* Giles, 1892, 48, t. h. *Ovis aries*; U. S. A.—1893: Str. 1909: *Cooperia*, tod. 1913: Str. (*Cooperia*).
curticii Giles, 1892d, 48, t. h. *Ovis aries*; U. S. A.—1892: Str. 1907: *Cooperia*, tod. [1909: *Cooperia*, tod.]
curvata Linst., 1883a, 291, t. h. *Perdix græca*; Turkestan.—1883: Het. 1914: *Subulura*.
curvata Westwood, 1851, 644 for *curvula* (*Oryuris* for *Oxyuris*).
curvatus Linst., 1897i, 34, t. h. *Plestiodon aldrovandi*; Coll. Königsb. Mus.—1897: *Echinor*.
curvicauda Daday, 1911, 485; [Vierwaldstätter-See].—1911: *Limnomermis*.
curvicauda Duj., 1845a, 16, t. h. *martinet* (*Cypselus*), *Hirundo rustica*; Rennes, Wien.—1845: *Trichosoma*. 1915: Cap. (Cap.).
curvicauda Oerley, 1880a (b), 85 (78) for *curvicaudata* 1866 (*Rhabditis*).
curvicaudata Schneid., 1866a, 158, in moist soil and decaying substance; Ing.—1866: *Leptodera*. 1885: *Rhabditis*.
curvidentis Fuchs, 1914, 195, t. h. *Ips curvidens*.—1914: *Tylenchus dispar*.
curvula Rud., 1803a, 6, *Trichoc. equi* renamed.—1803: *Oxyuris*, mt. 1816: *Oxyurus*. 1860: *Lepturis*, mt. 1878: *Oxiurus*. 1908: *Oxyuris equi*.
curvula (*equi*) (Schrank, 1788) Neum. & Mayer, 1914, 454.—1914: *Oxyuris*.
cuspidata Cobbold. 1874a, 125, t. h. green mona monkey.—1874: Asc.
cuspidata Rud., 1814a, 93, t. h. *Geotrupes nasicornis*; Berl.—1814: Asc. 1851: *Anguilula*. 1861: *Isacis*.
cyaneus Hoffmeister [nv.]; Waldenstroen, 1874a, 80.—1874: *Lumbricus communis*.
cyathiformis Rud., 1809a, 287, s. *barbi* Schrank, t. h. *Cyprinus barbatus*; by Schrank.—1809: *Echinor*.
cyatholaimus Daday, 1905, 66, in fresh water; Paraguay.—1905: *Dorylaimus*.
cyathostomum Dies., 1851a, 306, *lari* F. Bl. renamed, t. h. *Larus ridibundus*; by F. Bl.—1851: *Sclerost*.
cychri-rostrati Dies., 1851a, 88, t. h. *Cychrus rostratus*; Netly, Salop, teste Hope, 1840.—1851: Fil. 1851: Gord.
cyclopteri Dies., 1851a, 204, t. h. *Cyclopterus lumpus*; Ireland.—1851: Asc.
cydippes Dies., 1851a, 342, t. h. *Cydippe pileus*?; by Forbes.—1851: *Nematoideum*.
cygni Gmel., 1790a, 3033, t. h. *Cygnus*; Redi.—1790: Asc. 1803: Fus. 1809: Fil.
cygni Mol., 1858d, 154, t. h. *Cygnus olor*; Padua.—1858: *Echinocephalus*. 1861: *Hystichis*.
cygnoides Metsch., 1867a, 542, auf verschiedenen nahe am Ufer wachsenden Algen.—1867: *Rhabdogaster*, mt.
cygnus Müell., 1773b, 47, in aqua stagnante.—1773: *Vibrio*. [1838: *Amphileptus*.]

- cylindraceum* Ward & Magath, 1917, 63, t. h. *Perca flavescens*: Lake St. Clair, Mich.—1917: *Ichthyonema*.
- cylindrica* Goetze, 1782a, 150, t. h. *Picus erythrocr.*; by Goetze.—1782: *Echinor*.
- cylindricus* Van Cleave, 1913, 187, t. h. *Micropterus salmoides*: Pelecan Lake, Minn.—1913: *Neor*. 1914: *Eor*. 1916: *Neoechinor*.
- cylindrica* Blome, 1909, 353, t. h. *Tetrao urogallus*; by Blome.—1909: *Het*. 1914: *Ascaridia*.
- cylindrica* Leidy, 1849a, 229, t. h. *Helix alternata*: Leidy.—1849: *Asc*. 1851: *Angiost*. 1878: *Isacis*.
- cylindrica* Linst., 1883a, 289, t. h. *Petræa cyanea*.—1883: *Aprocta*, mt.
- cylindrica* Mehl. in Crep., 1846a, 131, t. h. *Lanius collurio*; by Mehl.—1846: *Fil*.
- cylindrica* Zed., 1803a, 45, t. h. *Lanius collurio*; by Zed.—1803: *Tentacularia*. 1809: *Hamularia*.
- cylindricephalus* Mol., 1861a, 529 (105), t. h. *Amphisbæna flavescens*: *Ypanema*.—1861: *Str*.
- cylindricum* Eberth, 1863a, 47, t. h. *Falco buteo*.—1863: *Trichosoma*. 1915: *Cap*.
- cylindricus* Cobb, 1913, 438, in soil; S. Cal.—1913: *Tylenchor*, mt.
- cylindrocephalus* Stoss., 1899d, 129 (75), for *cylindric*. (*Str*).
- cymindis-humeralis* Dies., 1851a, 88, t. h. *Cymindis humeralis*: Wien.—1851: *Fil*. 1851: *Gord*.
- cynædi* Rud., 1819a, 58, t. h. *Labrus cynædus*; Nap.—1819: *Asc*.
- cynocephali* Mol., 1861a, 524 (100), t. h. *Cynoc. porcarius*: Pa.—1861: *Str*.
- cynonycteridis* Par., 1889c, 768, t. h. *Cynonycteris amplexicaudata*: Birmania.—1889: *Asc*.
- cyprini* Stoss., 1890a, 31, t. h. *Cyprinus*.—1890: *Trichosoma*. [1890: *Trichosoma tomentosum*.]
- cyprini-aspii* Rud., 1819a, 197, t. h. *Cyprinus aspius*: Berl.—1819: *Dubium*.
- cyprini-erythrophthalmi* Rud., 1810a, 375, t. h. *Cyprinus erythrophth.*; by Braun.—1810: *Asc*.
- cyprini-idbari* Rud., 1810a, 351, for *idbari* (*Echinor*).
- cyprini-idi* Viborg, 1795, 243 [nv.]; Luehe, 1904f, 199; t. h. *Cyprinus idus*: Mus. Kopenhagen.—1795: *Echinor*. 1904: *Echinor*.
- cyprini-rutili* Crep., 1825a, 5, t. h. *Cyprinus rutilus*; by Crep.—1825: *Fil*.
- cyprini-rutili* Rud., 1809a, 290, t. h. *Cyprinus rutilus*; by Kœlreuter.—1809: *Echinor*.
- cyprini-rutili* Rud., 1819a, 197, t. h. *Cyprinus rutilus*: Hannover.—1819: *Dubium*.
- cyprinorum* Dies., 1851a, 115, t. h. *Cyprinus carpio*.—1851: *Trichina*.
- cypseli* A., D., & E., 1901b, 24, t. h. *Cypselus affinis*: Bonny, Nigeria.—1901: *Fil*.
- cystica* Rud., 1819a, 634, t. h. *Synbranchus laticaudis*: Brazil.—1819: *Fil*. 1851: *Agamonema*.
- cystica* Salisbury, 1868a, 376, t. h. *Homo*.—1868: *Trichina*. 1879: *Fil*.
- cystidicola* Crep., 1839a, 282, t. h. *Sylvia atricapilla*; by Schill.—1839: *Asc*.
- cystidicola* Lam., 1801a, 339, farionis renamed, t. h. *Salmo fario*; Berl.—[1798: *Cystidicola*, tat.] 1801: *Fissula*, tsd. 1809: *Ophiostoma*, type. 1819: *Spiropt*. 1845: *Disph*. 1851: *Ophiostomus*. 1866: *Ancyrananthus*.
- dacelonus* Breinl, 1913, 42, t. h. *Dacelo leachii*; N. Queensland.—1913: *Fil*.
- dacnodes* Crep., 1851b, 295, t. h. *Raja clavata*, *Squalus mustelus*; Ostend.—1851: *Spiropt*. 1860: *Histioc*. 1861: *Spiroptera*. 1890: *Spiroptina*.
- dactylicum* Cobb, 1915, 112, in rotting wood of red oak; Wash., D. C.—1915: *Runonema*.
- dactylura* Cat. RCSL, 1830, 43, for *dactyluris*: Duj., 1845a, 654—1830: *Asc*. [1845: *Atractis*, tod.] 1851: *Atractis*, tod.
- dactyluris* Cobbold, 1866b, 12, t. h. *Testudo græca*; Hunterian Mus.—1866: *Oxyuris*.
- dactyluris* Rud., 1819a, 40, t. h. *Testudo græca*: Rome.—1819: *Asc*. [1845: *Atractis*, tod.] 1894: *Atractis*.
- dactyluris granulosa* Rail. & Henry, 1912, 259, t. h. *Testudo emys*.—1912: *Atractis*.
- dadayi* Micol., [nv.]; Cobb, 1916, 196.—1916: *Mononchus* (*Mononchus*).
- dahli* Linst., 1898c, 286, t. h. *Macropus browni*; Ralum.—1898: *Cloacina*, mt.
- dahomensis* Gendre, 1911, 76, t. h. *Cricetomys gambianus*: Abomey.—1911: *Het*.
- dahomensis* Neum., 1895f, 533, t. h. *Python*; Natal.—1895: *Fil*. 1910: *Dracunculus*.
- danielis* Cam., 1894b, 4; Prov. St. Louis, Argentine.—1894: *Gord*.
- dasyacanthus* Mehl. in Crep., 1846a, 149, t. h. *Muræna anguilla*; by Mehl.—1846: *Echinor*.
- dasyopodis-gilvipedis* M. C. V. in Mol., 1861a, 474 (50).—1861: *Str*. [1861: *Diploodon mucronatum*.]
- dasyopodis-gilvipedis* Mol., 1858c, 381, t. h. *Dasyopus gilvipes*; Brazil.—1858: *Fil*. [1858: *Fil. anticlava*.]
- dasyopodis-gyrni* M. C. V. in Mol., 1858c, 379.—1858: *Fil*. [1858: *F. acuticauda*.]
- daspodis-nigri* M. C. V. in Mol., 1858c, 379, t. h. *Dasyopus niger*; Brazil.—1858: *Fil*. [1858: *Fil. acuticauda*.]

- dasyopodia-noveimaculata* M. C. V. in Mol., 1858c, 379.—1858: Fil. [1858: *F. acuticauda*.]
davaini Man, 1880a, 74, for *davainii* (Tylenchus).
davainii Bast., 1865c, 126, in moss: Falmouth.—1865: Tylenchus, tad.
debenhami Leiper & Atkinson, 1914, 223, t. h. *Trematomus bernacchii*; Antarctic.—1914: Echinor.
decalineatus Cobb, 1913, 437, on roots of *Oxycoccus macrocarpus*, in cranberry bog; N. J., Fla.—1913: Atylenchus, mt.
desipiens Dup., 1845, 512, t. h. [Sylvia] troglodyte[s]; Rennes.—1845: Echinor.
desipiens Krabbe, 1878a, 45, t. h. *Cystophora cristata*, etc.; Greenland.—1878: Asc.
decora Crep., 1848a, 131, t. h. *Strix brachyotus*.—1846: Spiropt.
decoratus Crep., 1847a, 289, t. h. *Canis vulpes*.—1847: Str. 1898: *Crenosoma*.
decorus Dup., 1845a, 78, t. h. *Alcedo insipida*; Rennes.—1845: Disph. 1851: *Histioc*. 1916: *Streptocara*.
decrusa Lane, 1914, 386, for *decrusi* (*Decrusia*).
decrusi Lane, 1914, 386, t. h. *Elephas indicus*: Travancore.—1914: *Decrusia*, tod.
dectici-albifrons Dies., 1851a, 96, t. h. *Decticus albifrons*: Sicilia.—1851: Gord.
dectici-brevipennis Dies., 1851a, 111, t. h. *Decticus brevipennis*; by Sieb.—1851: Mermis.
decurvens Cobb, 1917n, 454, Plant Introduction Gardens, Miami, Fla.—1917: *Mononchus* (*Sporonchulus*).
de filippi Pavesi, 1881b, 572, Tiflis, Georgia.—1881: Gord. (Chord.). 1896: Chord.
defensa Connal, 1912, 234, t. h. *Heliosciurus rufobrachiatas*; Lagos.—1912: Spiropt.
dehiscens Linst., 1905d, 1, t. h. *Phoca festida*; Zarjahafen.—1905: Asc.
dehiscens Schneid., 1866a, 83, t. h. *Strix striata*; Dongola.—1866: Fil.
delavanusimura Geddes, 1903a, 50, t. h. *Phasianus colchicus*.—1903: *Trichosoma*.
delavanus Hall, 1916a, 125, t. h. *Sciurus aberti minus*; Colo.—1916: *Trichostr*.
delphinus Rud., 1819a, 54, t. h. *Delphinus gangeticus*; Lebeck, 1801a, 282.—1819: Asc.
delphinus-gangeticus Dies., 1851a, 155, for *delphini*.—1851: Asc.
de mani Rouville, 1905a, 792, free; Cete.—1905: *Monhystera*.
de mani Hofmann & Menz., 1914, 81.—1914: *Monhystera*.
de mani Osley, 1880a (b), 69 (57).—1880: *Plectus*.
demani Steiner, 1914, 274; Gandria; Luganese, Switz.—1914: *Dorylaimus*.
demani zur Strassen, 1894a, 461, free; Gulf of Nap.—1894: *Oncholaimus*.
demarquay Penel, 1905a, 92, misprint for *demarquay* (Fil.).
demarquay Simon, 1907, 191, misprint for *demarquay* (Fil.).
demarquay Galgey, 1899a, 145, for *demarquay*, in *Homo*; W. Indies.—1899: Fil. 1907: *Microfil*.
demarquay Mans., 1897d, 1897, t. h. *Homo*; St. Vincent, W. Indies.—1897: Fil. 1914: *Microfil*. 1914: *Mikrofil*.
demarquay Zune, 1892 [nv.].—1892: Fil.
demarqua Linst. in Low, 1905d, 39, for *demarquay* (Fil.).
demarquay zur Verth, 1909, 762, for *demarquay* (*Mikrofil*).
deminatus Sl. & Sw., 1912a, 330, for *deminutus*.—1912: *Triodontophorus*. 1912: *Ter-nidens*.
deminatus Rail. & Henry, 1905b (c), 269, t. h. *Homo*; Mayotte.—1905: *Triodontophorus*. 1909: *Temidens*, mt. 1906: *Triodontophorus*.
dendrocolaptis-procurvi Linst., 1879a, 80, for *dendrocolaptis-procurvi* (*lacrymalis*) (Fil.).
dendrocolaptis-procurvi Stoss, 1897b, 67 (55), for *dendrocolaptis-procurvi* (*lacrymalis*) (Fil.).
dendrocolaptis M. C. V. in Mol., 1858c, 399.—1858: Fil.
dendrocolaptis M. C. V. in Mol., 1858c, 425, t. h. *Dendrocolaptes procurvus*: Brazil.—1858: Fil.
dendrocolaptis-procurvi (*lacrymalis*), Mol., 1858c, 425, t. h. *Dendrocolaptes procurvus*; Brazil.—1858: Fil.
dendrophilus Marcinkowski, 1908, 43, aquatic.—1908: Tylenchus.
dendrocopi Westrumb, 1821a, 40, t. h. *Dendrocopus albicollis*; Brazil.—1821: Echinor.
densacrotalis Montg., 1898a, 29; Wyoming.—1898: Gord.
dentata Daday, 1894, 130 [aquatic; Balaton].—1894: *Tripyla*.
dentata Drasche, 1844b, 323, t. h. *Testudo graeca*; Trieste or Coll. Wien.—1884: *Oxyuria*.
dentata Linst., 1883a, 282, t. h. *Agama sanguinolenta*, etc.; Turkestan.—1883: *Physa-lopt*.
dentata Linst., 1904f, 5, t. h. *Sus cristatus*; Chilaw.—1904: *Spiropt*. 1911: *Arduenna*.
dentata Schneid., 1866a, 315; Ing.—1866: *Leptodera*. 1880: *Rhabditis*.
dentata Zed., 1800a, 22, t. h. *Cyprinus barbatus*; by Zed.—1800: *Fus*. 1809: *Asc*.
dentatum Rud., 1803a, 12 of Dies., 1851a, 305 pars, of Mol., 1861a, 459 (35), in *Dicotyles albirostris*, D. torquatus; Brazil.—1861: *Eucyathost*. 1899: *Oesophagost*. [1851: *Sklerost*, pars.]

- dentatum* Rud., 1803a, 12, t. h. *Sus scrofa*; by Rud.—1803: Str. 1809: Str. (Sclerost.). 1828: Sclerost. 1861: Oesophagost. 1882: Sklerost.
- dentatus* Cobb, 1917n, 438, at roots of orange trees; Bahia, Brazil.—1917: Mononchus (Sporonchulus, tod.).
- dentatus* Dies., 1839a, 232, t. h. *Sus scrofa* dom.; Barra do Rio negro, Brazil.—1839: Stephanurus, mt. 1874: Str. ?1856: Sclerost.
- dentatus* Reinhard, 1881, 589; Odessa—1881: Echinoderes. 1914: Pycnophyes.
- denticaudatus* Schneid., 1866a, 54, marine; Helgoland.—1866: Enoplus. 1874: Thoracost.
- denticulata* Cobb, 1914, 8; Cape Royds.—1914: Euchromadora.
- denticulata* Mol., 1860b, 970 (62), t. h. *Falco palumbarius*, *Merops apiaster*; M. V.—1860: Spiropt. 1912: Acuaria (Synhimantus).
- denticulata* of Simmonds, 1881-82 [nv.]; Williams, 1885a, 44.—1885: Fil.
- denticulata minor* Stewart, 1914, 175, t. h. *Wallago attoo*: Lucknow.—1914: Spiropt.
- denticulatum* Rud., 1814a, 89, t. h. *Mus dryas*, etc.; Europe.—1814: Ophiost.
- denticulatus* Cobb, 1917n, 438, among freshwater algæ; Zambezi River, S. Africa.—1917: Mononchus (Mylonchulus).
- denticulatus* Mol., 1860c, 495, t. h. *Falco subbuteo*; Rennes.—1860: Disph.
- denticulatus* Rud., 1809a, 249, t. h. *Muraena anguilla*.—1809: Lior. 1866: Fil. 1866: Lyor. 1909: Spiropt.
- dentifera* Linst., 1898a, 460, t. h. *Trichiurus*=*Phalangista vulpecula* (vulpina) typica; Australia.—1898: Fil.
- dentigerum* Rail. & Henry, 1906e, 448, t. h. *Anthropopithecus troglodytes*; by Weinberg.—1906: Oesophagost. 1909: Oesophagost. stephanost.
- denudatus* Duj., 1845a, 81, t. h. *Cyprinus erythrophthalmus*; Rennes.—1845: Disph. 1851: Histioc. 1889: Ancyracanthus. 1889: Ancryacanthus. 1916: Rhabdochona, tod.
- denudatus* Rud., 1819a, 34, t. h. *Coluber tessellatus*; Mus. Wien.—1819: Str. 1917: Oswaldocruzia.
- denudata* Rud., 1819a, 641, t. h. *Tanagra*; Brazil.—1819: Spiropt.
- denutatus* Büetsch., 1873a, 23, for *denudatus* (Disph.).
- depressa* Hamm., 1838a, 354, t. h. *Cetonia aurata*.—1838: Oxyuris. 1851: Aguillula. 1853: Thelast. 1861: Anguillula (Thelast.).
- depressa* Schneid., 1866a, 82, t. h. *Corvus cornix*; Egypt.—1866: Fil. 1912: Acuaria (Acuaria). 1912: Disph.
- depressa* Zed., 1800a, 37, t. h. *Falco albicilla*; by Zed.—1800; Fus. 1809: Asc.
- depressiuscula* Stiles & Pfender, 1903a, 105 for *depressiuscula* (Trichuris).
- depressiusculus* Heine, 1900a, 780, for *depressiusculus* (Trichoc.).
- depressiusculus* Linst., 1889a, 8, misprint for *depressus* (Str.).
- depressiusculus* Rud., 1809a, 94, t. h. *Vulpes*; by Frœl.—1809: Trichoc. 1889: Tricoc. 1902: Trichuris.
- depressiusculus* Schneidem., 1896a, 309, for *depressiusculus* (Trichoc.).
- depressus* Duj., 1845a, 112, t. h. *Sorex tetragonurus*; Rennes.—1845: Str. 1861: Metastr. 1909: Heligmosomum.
- depressus* Nitzsch in Gieb., 1866, 268, t. h. *Mustela foina*.—1866: Echinor.
- derjugini* Savelev, 1912, 116; Mogilnojesse.—1912: Oncholaimus.
- dermatemica* Silva Araujo, 1875, of Penel, 1905a, 11, for *dermathemica* (Fil.).
- dermathemica* Silva Araujo, 1875, 36, t. h. *Homo*; Bahia.—1875: Fil. [dermatitis, not as specific name, but as path. condition.—1904: Ancylostoma.]
- dermithemica* Faÿrer, 1879b, 189, misprint for *dermathemica* (Fil.).
- deshayesi* Villot, 1874a, 53; Venezuela, Mus. Paris.—1874: Gord.
- devastatrix* Kühn, 1869 [nv.].—?1869: Anguillula. 1880: Tylenchus. 1877: Anguillula. 1909: Dylenchus. Anguillulina (Tylenchus).
- de visiani* Stoss., 1898c, 138, for *de visianii* (Echinor.).
- de visianii* Mol., 1858 (1859e), 294, t. h. *Gobius paganellus*; Padua.—1858 (1859): Echinor.
- diacantha* Mol., 1858c, 381, t. h. *Hystrix* (Cercolabes) *prehensilis*, *Loncheres rufa*; Brazil.—1858: Fil.
- diacis* Leidy, 1891a, 411, t. h. *Quiscalus quiscula*; Pa.—1891: Asc.
- diadema* Baylis, 1916, 227, t. h. *Heliops angulatus*; S. America.—1916: Tanqua.
- diblastus* Oerley, 1881a, 331; New Zealand.—1881: Gord.
- didelphidis* Rud., 1819a, 53, t. h. *Didelphis murina*; C. E. V.—1819: Asc.
- didelphis* Trav., 1914, 326 (5), t. h. *Didelphys aurita*; Rio de Janeiro.—1914: Nematoc. dirus (Mecistocirrus).

- didelphidis-virginianæ* Leidy, 1851a, 155, t. h. *Didelphis virginiana*; lng. [U. S. A.].—1851: Spiropt.
- diesingi* Hamm., 1838a, 353, t. h. *Blatta orientalis*; by Hamm.—1838: Oxyuris.
- diesingi* Speiser, 1900b, 29, for *diesingii* (Arthror.).
- diesingii* Crep., 1846a, 158, for *diesingi* (Oxyuris).
- diesingii* Kolenati, 1856d (1857a), 13, t. h. *Myotus murinus*; teste Kolenati.—1856: Trichosoma.
- diesingii* Kolenati, 1857e, 68, on *Acrochlidia montaguei* (vexata) in Mæhren im Balge des *Myotus murinus*; by Kolenati.—1857: Arthror.
- diesingii* Mol., 1858d, 151, t. h. *Larus capistranus*; Padua.—1858: Cosmoc., mt.
- differens* Son., 1890k, 136, t. h. *Gallus dom.*; Pisa.—1890: Het. 1912: Subulura.
- difficilis* Montg., 1898a, 31; N. Carolina.—1898: Gord. aquaticus. 1907: Gord. villoti.
- diffuens* Zenker, 1832, 18, t. h. *Gammarus pulex*.—1832: Echinor.
- digitata* Linst., 1905t, 355, t. h. *Labrus bergylta*; Norway.—1905: Asc.
- digitata* Linst., 1906, 171, t. h. *Bos indicus*; Colombo, Ceylon.—1906: Fil. 1911: Setaria.
- digitata* Schneid., 1866a, 61, t. h. *Felis concolor*; Brazil.—1866: Physalopt.
- digitatus* Cobb, 1915, 45; Douglas Lake, Mich.—1915: Prismatolaimus.
- digitatus* Linst., 1901b, 417, in Tüempel; Unyika-Plateau, Konde-Land, Africa.—1901: Chord.
- digitatus* Linst., 1906, 168, t. h. *Bos indicus*; Colombo.—1906: Str. 1909: Nematodirus. 1912: Mecistocirrus. 1912: Nematodirus (Mecistocirrus, tod.).
- digiturus* Cobb, 1893b, 253 (4), about roots of banana plants; Fiji.—1893: Mononchus. 1916: Iotonchus.
- dihystera* Cobb, 1893a, 814 (37), in roots of sugar cane; N. S. Wales.—1893: Tylenchus.
- dilatata* Hamm., 1847b, 287, t. h. *Cetonia marmorata*; by Hamm.—1847: Oxyuris. 1851: Thelast. 1908: Anguillula.
- dilatata* Rud., 1819a, 644, t. h. *Simia rosalia*; Brazil.—1819: Physalopt. 1845: Spiropt. 1889: Physalopt.
- dilatatus* Rail., 1884k, 454 (6), inflatus Schneid., t. h. bœuf.—1884: Str. 1896: Oesophagost.
- dimidiatus* Dies., 1851a, 298, t. h. *Rhea americana*; Brazil.—1851: Deletroc., mt. 1866: Str. 1899: Sclerost.
- dimidiatus major* Mol., 1861a (b), 575 (151), t. h. *Rhea americana*; Caiçara, S. America.—1861: Deletroc.
- dimidiatus minor* Mol., 1861a (b), 575 (151), t. h. *Rhea americana*; Ytararé, S. America.—1861: Deletroc. 1900: Str.
- diminutus* Sambon, 1908f, 31, for *deminutus* (Triodontophorus).
- dimorphocephalus* Westrumb, 1821a, 17, t. h. *Muscicapa collaris*; Europe.—1821: Echinor.
- dimorpha* Man, 1885a, 2, in moist soil; Nederland.—1885: Monohystera.
- diomedæ* Linst., 1888a (b), 6, t. h. *Diomedea brachyura*; Challenger.—1888: Asc.
- diptela* Mol., 1858c, 373, t. h. *Platyr. pitangua*; Cuyaba, Brazil.—1858: Fil. [1861: Dipetalonema inflexum.]
- dipiechma* Southern, 1914a, 55; Clew Bay.—1914: Enoplus.
- diptodorus* Cobb, 1915, 28; Maple River, Mich.—1915: Tylencholaimellus, mt.
- diplogaster* Linst., 1890e, 489, t. h. *Thomicus typhographus*; Australia.—1890: Allantonema. 1896: Anguillula. 1915: Tylenchus.
- diploodon* Stoss., 1899d, 115 (61), *Diploodon mucronatum* 1861 renamed, t. h. *Dasyopus gilvipes*; Brazil.—1899: Sclerost.
- diplops* Cobb., 1894c, 401.—1894: Monhystera.
- diplopunctata* Cobb in Burgess, 1911, 71, t. h. *Carabus monilis*.—1911: Rhabditis [Rhabdites].
- dipodis* Rud., 1819a, 54, t. h. *Dipus sagitta*; C. E. V.—1819: Asc.
- dipodis-tetradactyli* Crep., 1844, 116, t. h. *Dipus tetradactylus*; by Otto.—1844: Nematoides. [1844: Nematoidium.] 1851: Nematoidium.
- dipsaci* Kuehn, 1857, 50, t. h. *Dipsacus fullonum*; Poppelsdorf.—1857: Anguillula. 1859: Anguillulina. 1865: Tylenchus.
- dipsadis* Linst., 1889c, 240, t. h. *Dipsas blaudingii*; Kamerun.—1889: Echinor.
- dipsadomorphi* Linst., 1903k, 109, t. h. *Dipsadomorphus dendrophilus*; Aring, Siam.—1903: Asc.
- discolor* Linst., 1906, 173, t. h. *Bos indicus*; Colombo.—1906: Trichoc. 1911: Trichuris.
- disjuncta* Bast., 1865c, 98, marine; Falmouth.—1865: Monhystera.
- dispar* Bast., 1865c, 97, free, in moss; Falmouth.—1865: Monhystera.
- dispar* Duj., 1845a, 13, t. h. *Falco subbuteo*; Rennes.—1845: Trichosoma. 1915: Cap. (Thominx).

- dispar* Dies., 1851a, 303, t. h. *Felis concolor*; Brazil.—1851: Sclerost. 1861: Syngamus.
- dispar* Duj., 1845a, 133, t. h. *Anguis fragilis*; Rennes.—1845: Str. 1917: Oswaldo-cruzia.
- dispar* Fuchs, 1914, 199, t. h. *Ips tytopographus*.—1914: Tylenchus.
- dispar* Linst., 1904m, 380, t. h. *Erinaceus albiventris*; Nigeria.—1904: Physalopt.
- dispar* Polonio, 1860b, 22, t. h. *Corvus corax*; Ticini.—1860: Fil. 1860: Trichina.
- dispar* Rud., 1802a, 5, t. h. *Homo*; Greifsw.—1802: Trichoc. 1871: Tricoc. 1899: Tricocephalus. 1883: Trichocephalus. [1866: Trichinalis.] 1907: Trichocephalus.
- dispar* Rud., 1809a, 119, t. h. *Phoca foetida*, P. *groenlandica*; by Fabr.—1809: Ophiost.
- dispar* Schlotthauber, 1860a, 127.—1860: Oxyuris.
- dispar* Schrank, 1790a, 120, t. h. *Anser dom.*; Schrank.—1790: Asc. 1800: Fus. 1809: Asc. 1845: Het. 1858: Heteracis.
- dispar ateri* Fuchs, 1914, 205.—1914: Tylenchus.
- dispar cryphali* Fuchs, 1914, 195, t. h. *Cryphalus piceæ*.—1914: Tylenchus.
- dispar cunicularii* Fuchs, 1914, 205.—1914: Tylenchus.
- dispar curvidentis* Fuchs, 1914, 195, t. h. *Ips curvidentis*.—1914: Tylenchus.
- dispar typographi* Fuchs, 1914, 195, t. h. *Ips typhographus*.—1914: Tylenchus.
- distans* Rud., 1809a, 128, t. h. *Simia sabæa*; Berl.—1809: Asc. 1845: Asc. (*Anisakis*). 1866: Het. 1912: Subulura.
- diurna* Mans., [1891e, 342;] 1891g, 203, t. h. *Homo*; W. Africa.—1891: F. *sanguinis hominis*. 1891: Fil. 1900: F. *sanguinis*. 1906: Microfil. 1908: Mikrofil.
- diversipapillatus* Daday, 1905, 53; Paraguay.—1905: Trilobus.
- dobulæ* Schrank, 1790a, 123, in *Cyprinacei generis compluribus piscibus*; by Schrank.—1790: Echinor.
- dochnii-trigonocephali* Scheib., 1880a, 173.—1880: Rhabditis.
- dogieli* Skrj., 1916, 74, in *Buфонidae*; Brit. E. Africa.—1916: *Oxysomatium*.—1916: *Oxysoma*.
- dolichoerca* Stoss., 1902c (d, e), 7, t. h. *Circus spilothorax*; N. Guinea.—1902: Het. 1914: Ascaridia.
- dolichodorus* Man, 1906, 164, *macrodorus* of Vanha & Stoklasa, 1896, not Man, 1880, renamed.—1906: Dorylaimus.
- dolichoposthius* Savelev, 1912, 123; Catharinahafen, Mogilnojesees.—1912: *Aræolaimus*.
- dolichosoma* Stoss., 1902e, 11, t. h. *Dicotyles* sp.; Rio Peripa.—1902: Fil.
- dolichura* Man, 1876a (b), 177; Leiden.—1876: Monhystra. 1880: Alaimus.
- dolichura* Schneid., 1866a, 315; Ing.—1866: Leptodera. 1873: Rhabditis.
- dolichurus* Man, 1880a, 32, in moist soil; Holland.—1880: *Prismatolaimus*.
- dolichurus* Ditlevsen, 1912, 228, in boggy regions; Jutland.—1912: *Mononchus*. 1916: *Anatonchus*.
- dolichurus* Savelev, 1912, 121; Kolafjord, Catharinahafen.—1912: *Halichoanolaimus*.
- dolichurus bulbosus* Daday, 1896, 413.—1896: *Prismatolaimus*.
- domus-glauci* Cobb, 1893b, 294 (45), among moss on the walls of the Casa Poeta, Italy.—1893: Dorylaimus.
- dongolana* Hempr. & Ehrenb., 1828a, pl. 1 fig. 13.—1828: *Vibrio*. 1828: *Anguillula*.
- dorcadis* Rud., 1819a, 37, t. h. *Antilope dorcas*; C. E. V.—1819: Str.
- doriæ* Cam., 1890b, 128, t. h. *Acanthodis*; Birmania.—1890: Gord.
- dorylaimus* Mar., 1870a, 27, free; Pharo, Endoume.—1870: Thoracost.
- dorylaimus* Villot, 1875a, 466; Med.—1875: *Leptosomatium*.
- doryuris* Ditlevsen, 1912, 251; Lynaas, etc., Denmark.—1912: Dorylaimus.
- douglasi* Geddes, 1911a, 120, for *douglassi*.—1911: Str. 1915: Trichostr.
- douglassi* Cobbold, 1882d, 184, t. h. *Struthio camelus*; S. Africa.—1882: Str. [1915: Trichostr.]
- dracunculoides* Cobbold, 1870b, 10, t. h. *Proteles cristatus*; [S. Africa].—1870: *Acanthocheilonema*, mt.
- dracunculus* [Grundler, 1740a, 329;] Chisholm, 1815a, 145. See *medinensis*, t. h. *Homo*.—1740: Vena. 1815: Malis. 1819: Fil.
- dragunculus* Martin, 1852a, 257, misprint for *dracunculus* (Fil.).
- draschei* Stoss., 1896a, 24 (18), s. *serrata* Drasche, t. h. *Vastres cuvieri*; Ing.—1896: Asc.
- draschei* Stoss., 1898c, 84, t. h. *Testudo græca*; Trieste.—1898: Oxyuris.
- drassi* Linst., 1883a, 302, t. h. *Drassus* sp. ?; Turkestan.—1883: Mermis.
- drassi-fusci* Dies., 1851a, 87, t. h. *Drassus fuscus*; Ing. by Grube.—1851: Gord.
- drassi-lucifugi* Dies., 1851a, 87, t. h. *Drassus lucifugus*; Mus. Wien.—1851: Fil. 1851: Gord.
- drepanopsetta* Linst., 1901e, 276, t. h. *Drepanopsetta platessoides*; Murman-Meer, O. Lica.—1901: Asc.
- droumondi* Trav., 1915, 153, t. h. *Cygnus melanocoryphus*; Zool. Gard., Rio de Janeiro.—1915: Cap. (Cap.).

- dryophila* Leuck., 1887 [nv.], [in dem weissen Schleimfluss der Eichen]; Man, 1910, 361.—1888: *Rhabditis*. 1910: *Anguillula aceti*.
- dubia* Büetsch., 1873a, 60, free on water plants; F. a. M.—1873: *Monhystera*.
- dubia* Büetsch., 1873a, 72, in moss; by Büetsch.—1873: *Chromadora*.
- [*dubia* Crep., 1844a, 125, not as specific name (Asc.).]
- [*dubia* Crep., 1846b, 166, apparently not as specific name (Fil.).]
- dubia* Leidy, 1856b, 52, t. h. *Bufo americanus*, *Salamandra rubra*; by Leidy.—1856: *Oxyuris*.
- dubia* Leidy, 1856b, 55, t. h. *Diomedea exulans*; S. Atlantic.—1856: Fil.
- dubia* Linst., 1907, 172, for *dubiosa* 1903 (*Chromadora*).
- dubia* Stoss., 1897b, 85, t. h. *Falco swainsonii*; Brazil.—1897: Fil.
- dubia* Trav., 1917, Bm, 149, t. h. *Atilla cinerea*.—1917: Cap. (*Thominx*).
- dubini* Cond.-Franc., 1892e, 173, t. h. *Homo*; by Dubini.—1892: Fil.
- dubiosa* Daday, 1903, 336; Przewalsk.—1903: *Chromadora*.
- dubiosus* Büetsch., 1874b, 284; Kieler Bucht.—1874: *Cyatholaimus*.
- dubium* Kowal., 1894a (b), 226; Dublany.—1894: *Trichosoma*.
- dubius* Büetsch., 1873a, 39, t. h. roots of *Centaurea cyanus*; Ing.—1873: *Tylenchus*.
- dubius* Maupas, 1900a, 555, in terreau; Alger.—1900: *Cephalobus*.
- dubius* Schlotthauber, 1890a, 128, t. h. *Equus cab.*; by Schlotth.—1860: *Helmins nematoideus*.
- dubius* Steiner, 1914, 268, trockene Ackerbau; Switz.—1914: *Aphelenchus*.
- dubius* Weyenbergh, 1879, 217.—1879: Gord.
- dugesii* Cam., 94; 1904, Vera-Cruz.—1904: Chord.
- dugonis* Dies., 1851a, 191, t. h. *Halicoris dugung*; Red Sea.—1851: Asc.
- dujardini* Maupas in Seur., 1916, 341, entomelas of Duj. renamed.—1916: *Angiost.* 1916: *Rhabdias*.
- dujardini* Rail. & Henry, 1916, 249, brevicaudata of Duj., not (Zed.) Mayer, 1841, in Gecko, renamed.—1916: *Oxyuris*.
- dujardini* Steiner, 1915, 237 for *dujardinii* 1877 (*Oncholaimus*).
- dujardini* Trav., 1914, 429; 1915, 153, t. h. *Columba livia dom.*, etc.—1914: Cap. 1915: Cap. (Cap.)
- dujardinii* Bast., 1865c, 149, tide pools; Falmouth.—1865: *Enoplus*.
- dujardinii* Clap., 1863, 90; St. Malo.—1863: *Echinoderes*.
- dujardinii* Man, 1877a, 94, littoral occidental de la France.—1877: *Oncholaimus*.
- dumerili* Rail. & Henry 1915, 450, for *dumerilii*, t. h. *Emys picta*; Mus. Paris.—1915: *Camallanus*.
- dumerilii* of Linst., 1897, 615.—1897 and 1915: *Cucullanus*. [1915: *Camallanus confusus*.]
- dumerilii* Perrier, 1871c, 8, t. h. *Emys picta*; Mus. Par.—1871: *Cucullanus*. [1915. *Camallanus*.]
- duodenaes* Wucherer, 1868a, 150, for *duodenale*.—1868: *Anchylostomos*. [1868: *Ancylostoma*.]
- duodenale* Dubini, 1843a, 5, t. h. *Homo*; Italy.—1845: *Agchylostoma*, mt. 1845: *Ancylostoma*, mt. 1846: *Anchylostoma*. 1846: *Agchilostoma*. [1851: *Ancylostomum*.] 1851: *Ancylostomum*. 1852: *Ancylostomum*. 1861: *Agchylostomum*. 1861: *Ancylostomom*. 1864: *Sclerost*. 1866: Str. 1867: *Doch*. 1868: *Docmius*. 1874: *Anchilostoma*. 1877: *Anhylostoma*. 1878: *Doemius*. 1878: Str. (*Doch*). 1880: *Ankylostomum*. 1882: *Anchylostoma*. 1882: *Anquilost*. 1883: *Anghylostoma*. 1885: *Ankylostoma*. 1885: *Unc*. 1886: Str. (*Ancylostomum*). 1887: *Doch*. (*Anchilostoma*). 1897: *Anchylostomum*. 1899: *Ankylostomum* (*Doch*). 1901: *Ankylostona*. 1908: *Ancylostomum*. 1909: *Doemius*. 1916: *Ancylostoma* (*Ancylostoma*, type).
- duodenale* Robledo, 1909, 603, misprint for *duodenale* (*Anchylostoma*, *Ancylostoma*).
- duodenalis americana* (Stiles, 1892) Anders, 1903, 1250.—1903: *Unc*.
- duodenalis* da Rocha, 1868a, 179, for *duodenale* (*Anchylostomata*).
- duonenale* Wucherer, 1868(?), 227, misprint for *duodenale* (*Anchilostoma*).
- duodenalis hominis* (Leichtenstern, 1898) Pœppel, 1897a, 10.—1897: *Doch*.
- duodenale* White, 1866b, 427, misprint for *duodenale* (*Ancylostomum*).
- duodenojejunale* Leichtenstern, 1886c, 238(27), *duodenale* renamed.—1886: *Ankylostoma*. [1886: *Ancylostoma*.] 1905: *Ancylostomum*.
- dussumieri* Ben., 1870a, 362, t. h. *Delphinus* sp.; à l'ouest des îles Maldives.—1870: Asc. [1845: *Anisakis*, ? type.]
- duthiersi* Maupas, 1900a, 513, terreau noirâtre; Bône.—1900: *Rhabditis*.
- dyspnoos* Gmel., 1790a, 3035, t. h. *Rana temp.*; Geze, 1782a.—1790: Asc.
- dytiscorum* Legrand, 1856, 274, [nv.]; 1858a, clxxxv; t. h. *Dytiscus marginalis*.—1856: Gord.
- eberthi* Bast., 1865c, 141, about roots of *Corallina officinalis*, tide pools; Falmouth.—1865: *Anticoma*, tsd.

- ecaudata* Duj., 1845a, 204, t. h. *Muraena conger*; Rennes.—1845: Asc.
ecaudata Oerley, 1882b, 312, t. h. *Lamprotornis æneus*; Brit. Mus.—1882: Fil.
ecaudis Ehrenb., 1854, pl. 35B, in moss-dirt; from Monte Rosa, Alpes.—1854: Anguil-
 lula.
echinata Linst., 1878b, 235, t. h. *Alburnus lucidus*; Ing.—1878: Fil. 1909: Spiropt.
 1915: Spinitectus.
echinata Rud., 1819a, 47, t. h. *Gecko*, *Lacerta* (*Gecko*) *stellio*; Algeciras, Mus. Wien.—
 1819: Asc.
echinatus Dies., 1851a, 222, t. h. *Mergus albellus*; M. C. V.—1851: Spiropt. 1860:
 Disph.
echinatus Linst., 1901b, 417; Langenburg, Nyassa-See, Africa.—1901: Chord.
echinatus Rud., 1809a, 98, *lacertæ* renamed, t. h. *Lacerta apus*; by Pall.—1809: Tri-
 choc. [1819: *Sclerotrichum*, mt.] 1840: *Sclerotrithum*. 1845: *Sclerotrichum*,
 type.
echini Leyd., 1854a, 291, t. h. *Echinus escul.*; by Leyd.—1854: *Oncholaimus*. 1857:
Oncholæmus.
echinodiscus Dies., 1851a, 36, t. h. *Myrmecophaga jubata*, M. *bivittata*; Brazil.—1851:
Echinor. 1892: *Gigantor*., tsd.
echinodon Mar., 1870a, 26.—1870: Thoracost., ? tsd.
echinophallus Nitzsch in Crep., 1849, 58, t. h. *Camelus dromedarius*.—1849: Trichoc.
echinophyllus Rail., 1893a, 483, for *echinophallus* 1849 (*Trichoc.*).—1893: Trichoc.
 1911: Trichuris.
echiurus Dies., 1853a, 34, t. h. *Tenebrio molitor*.—1853: *Mastophorus*, probably type.
echiurus Linn., 1766, 146 [nv.]; Pall., 1781c, 63.—1781: *Lumbricus*.
edentata Cobb, 1914, 8, Bay; Cape Royds.—1914: *Spilophora*.
edentatum Looss, 1900c, 153, t. h. *Equus cab.*; Tokio & Coll. Spengel.—1900: *Sclerost*.
 1909: Str. 1909: *Sklerost*.
edentatus Linst., 1900a, 127; Eismeer, nördlich Spitzbergen.—1900: *Enoplus*.
edontatum Looss, 1901a (1902), 50, misprint for *edentatum* (*Sclerost.*).
edulis Pall., 1774, 10 Herbst, 1787a, 31.—1774: *Lumbricus*.
effilata Linst., 1897i, 30, t. h. *Tragulus pygmæus*; Madagascar.—1897: Fil. 1911:
 Setaria.
 [effractores of authors; Huber, 1896a, 585, not as specific name.—1896: *Lumbrici*.]
egyptiaca Fayrer, 1876, 552; 1879b, 189; see s. h. *ægyptiaca*.—1876: Fil. *sanguinis*
hominis. 1876: F. s. *hominum*.
elaboratus Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: *Dorylaimus*.
elachistæ-cygnipenellæ Dies., 1851a, 105, t. h. *Elachista cygnipenella*; by Heyden.—
 1851: Fil. 1851: Gord.
elaineæ Linst., 1899a, 360, t. h. *Elainea albiceps*; Argentina.—1899: Fil.
elegans Bast., 1865c, 165, marine surface mud; Falmouth.—1865: *Spiliphora*, tsd.
 1875: *Spilophora*, tsd.
elegans Dies., 1851a, 35, t. h. *Cebus sciureus*, etc.; Brazil, M. C. V.—1851: *Echinor*.
 [?1915: *Prostenorchis*, mt.]
elegans Gendre, 1909, xxxvi (6), t. h. *Chamæleon gracilis*; Labé, Fr. Guinee.—1909:
 Het. 1914: Het. (*Strongyluris*).
elegans Hagmier, 1912, 553, t. h. *Decticus*, *Stenobothrus*, and free; Pforzheimer Fund-
 platz.—1912: *Mermis*.
elegans Man, 1876a(b), 133 (56), free; Walcheren.—1876: *Tylenchus*.
elegans Man, 1880a, 86, in sand; Holland.—1880: *Dorylaimus*.
elegans Man, 1888a, 16; North Sea.—1888: *Aræolaimus*.
elegans Man, 1907, 33; Zealand.—1907: *Aegialolaimus*, mt.
elegans Maupas, 1900a, 477, humus gras; Alger.—1900: *Rhabditis*.
elegans Micol., 1913, 114, aquatic; Lunzer Untersee, Ostalpen.—1913: *Aphelenchus*.
elegans Olfers, 1816a, 58, t. h. *Mergus merganser*.—1816: Str. 1893: *Hystrichis*. 1909:
 Eustrongylides.
elegans Olfers, 1819 [? see Dies., 1851].—[1851: *Echinor*.] 1915: *Prostenorchis*, type.
elegans Zed., 1800a, 91, t. h. *Lucioperca*; Ing.—1800: *Cucullanus*. [1915: *Camallanus*,
 tod., see *lacustris*.]
elegans Oerley, 1885a, 102, t. h. *Hexanchus griseus*; by Oerley.—1885: *Spiropterina*.
elegantissima Stoss., 1902c (d, e), 10 (70, 10), t. h. *Ratelus capensis*; Eritrea.—1902:
 Physalopt.
elephanti Rud., 1819a, 36, t. h. *Elephas indicus*; C. E. V.—1819: Str.
elephantis Cobbold, 1879b, 393, for *elephanti* (Str.).
elephantis Dies., 1851a, 560, t. h. *Elephas indicus*; Boston Mus., Jackson, 1847a, 317.—
 1851: Asc. [1851: Asc. *lonchoptera*.]
elephantis-indici Dies., 1851a, 176, quotes Brems., 1811a, 25, t. h. *Elephas indicus*;
 Geneva.—1851: Str.

- ellipticus* Mol., 1858d, 152, t. h. Falco nisus; Padua.—1858: Disph. 1912: Acuaria (Synhimantus).
- elongata* Baird, 1858a, 225, t. h. Siredon mexicanus; Brit. Mus.—1858: Leptodera. 1885: Rhabditis.
- elongata* Büetsch., 1874b, 262; in Kieler Bucht.—1874: Monhystera.
- elongata* Büetsch., 1874, 270, free, marine; bei Sylt.—1874: Oxyst., mt. tod.
- elongata* Leidy, 1851c, 263, in a ditch; N. J.—1851: Mermis.
- elongata* Rud., 1819a, 26, t. h. Sterna nigra; Mus. Wien.—[1811: Acuaria.] 1819: Spiropt. 1861: Disph. 1866: Fil. 1912: Acuaria.
- elongata* Rud., 1819a, 650, t. h. Simia beelzebul; Brazil.—1819: Asc.
- elongata* Schneid., 1866a, 156, in moist soil; Ing.—1866: Leptodera. 1880: Rhabditis.
- elongata* Seur., 1914, 224, t. h. Dipodilla campestris; Bou-Saâda.—1914: Alloodapa.
- elongatum* Looss, 1900c, 188, t. h. Equus; Egypt.—1900: Cyathost. 1901: Cylichnost. 1911: Cylicost.
- elongatum* Bast., 1865c, 145, marine; Falmouth.—1865: Leptosomatum, tod.
- elongatus* Bast., 1865c, 155, tide pools; Falmouth.—1865: Linhomeus. 1907: L. (Eulinhomeus, tod.).
- elongatus* Duj., 1845a, 127, t. h. Sus scrofa; by Rayer; Mus. Paris.—1845: Str. 1911: Metastr.
- elongatus* Duj., 1845a, 234, sea water; St.-Malo.—1845: Enoplus.
- elongatus* Man, 1880a, 41, in moist soil; Holland.—1880: Cephalobus.
- elongatus* Man, 1876a (b), 96 (19).—1876: Dorylaimus.
- elongatus* Man, 1906, 157, in terre sablonneuse; Walcheren.—1906: Alaimus.
- elongatus* Man, 1907, 239, free; Veere, Ierseke.—1907: Cyatholaimus.
- elongatus* Panceri, 1878, 3, marine.—1878: Desmoscolex.
- elongatus* Rud., 1819a, 177.—1819: Anthoc. 1879: Acanthoc. (lapsus).
- elongatus* Southern, 1914a, 21; Blacksod Bay.—1914: Cricolaimus, mt.
- elongatum* subangensis Steiner, 1915, 226, marine; Sumatra.—1915: Leptosomatum.
- elpatiewskiyi* Daday, 1901, 34.—1901: Diplogaster.
- elviræ* Par., 1889c (1890), 771 (7), t. h. Sciurus rufigenis; Monte Mouleyit, Birmania.—1889: Rictularia.
- emarginatus* Cobb, 1893a, 814 (37), soil; N. S. W.—1893: Tylenchus.
- emarginatus* Man, 1880a, 42, in moist soil; Walcheren.—1880: Cephalobus.
- emarginatus* Villot, 1884, 45 [nv.].—1884: Gord.
- emaiica* Galeb & Pourquier, 1877d, 140, for hæmatica.—1877: Fil. 1897: Fil. papillosa.
- emberizæ* Rud., 1819a, 55, t. h. Emberiza hortulana; C. E. V.—1819: Asc.
- emberizæ* Rud., 1819a, 673, t. h. Emberiza braziliana; Brazil.—1819: Echinor.
- emeryi* Cam., 1895a, 6; Grandes îles de la Sonde.—1895: Gord. 1897: Paragord.
- emma* Stoss., 1897b, 38 (26), t. h. Calotes emma; Birma.—1897: Fil.
- emmerezi* Gedelst, 1903a, 48, for emmerezii (Spiropt.).
- emmerezii* Emmerez de Charmoy & Mégn., 1901a, 933, t. h. Gallus dom.; Isle Maurice.—1901: Spiropt.
- empodius* Skrj., 1913, 411, t. h. Ardea cinerea; Russian Turkestan.—1913: Gigantor.
- emydis* Leidy, 1851b, 207, t. h. Emys geographica; by Baird.—1851: Echinor. 1913: Neor. 1914: Eor. 1916: Neoechinor.
- emydis-lutarizæ* Sieb., [nv.]; Kœll., 1843a, 85.—1843: Cucullanus.
- engraulidis* Stoss., 1887d(e), 189 (6), t. h. Engraulis encrassicholus; Trieste.—1887: Agamonema. 1896: Asc.
- ensicaudata* Leidy in Stiles & Hass., 1894e, 340, misprint for ensicaudata (Asc.).
- ennomi-cratægata* Dies., 1851a, 105, t. h. Ennomos cratægata; Middlesex.—1851: Fil. 1851: Gord.
- ensicauda* Daday, 1911, 486; [Vierwaldstætter-See].—1911: Limnomermis.
- ensicauda* Zed., 1800a, 21, 38, t. h. Turdus merula; by Zed.—1800: Fus. 1809: Asc. [1899: A. heteroura.]
- ensiculiferus* Cobb, 1893b, 296 (47), in soil about roots of banana plants; Fiji.—1893: Tylencholaimus.
- entomelas* Duj., 1845a, 10, t. h. Mustela foina; Rennes.—1845: Trichosoma. 1915: Cap. (Cap.).
- entomelas* Duj., 1845a, 262, t. h. Anguis fragilis; Rennes.—1845: Angiost. 1916: Rhabditis. 1916: Rhabdias.
- entomelas* Leidy, 1851b, 206, t. h. Rana halcina; Ing. [U. S. A.].—1851: Asc.
- entzi* Szuets, 1912, 81 (parasitic).—1912: Pseudorhabditis, n. g., mt. [nv.].
- entzii* Daday, 1894, 135, [free; Balaton].—1894: Ironus.
- eperiæ-ceropegizæ* Dies., 1851a, 87, t. h. Epeira ceropegia; Ing., by Duval.—1851: Gord.
- eperiæ-diademæ* Dies., 1851a, 86, t. h. Epeira diadema; by Roesel, Ing.—1851: Gord.
- eperlani* Linst., 1878b, 237, t. h. Osmerus eperlanus; Ing.—1878: Asc.

- eperlani* Rud., 1809a, 313, t. h. *Salmo eperlanus*; by Martin.—1809: *Echinor*.
ephemeridarum Linst., 1892a, 326, t. h. *Ephemera vulgata*, *Oligoneuria rhenana*; Gœtt.—1892: Fil. 1909: Spiropt.
ephippigeræ-perforatæ Dies., 1851a, 96, t. h. *Ephippigera perforata*; Wien Mus.—1851: Fil.
epistomum Piana in Piana & Stazzi, 1900a (b), 467 (6), t. h. *Elephas*.—1900: Sclerost. 1914: Choniangium, tod.
equi Gmel., 1790a, 3039, t. h. *Equus* cab.; Müell.—1790: Fil. 1910: Hamularia.
equi Martini, 1903e, 351, t. h. *Barbapony*; Berl., from Togo.—1903: Fil. sanguinis.
equi Nitzsch of Nordm., 1832a, 12, t. h. *Equus* cab.; Halle.—1832: Fil. oculi.
equi Place, F. E., 1914, 1240.—1914: *Habronema*.
equi Rud., 1809a, 125, t. h. *Equus*; Gœze, 1782a.—1809: *Asc. gigas*.
equi Rud., 1809a, 125.—1809: *Asc. lumbricoides*.
equi Schrank, 1788a, 7, t. h. *Equus* cab.; Gœze, 1782a.—1788: *Trichoc*. 1791: *Trichuris*. 1803: *Mastigodes*. 1849: *Oxyuris*. 1914: *Oxyuris curvula*.
equi Schrank, 1788a, 4, t. h. *Equus* cab.; Gœze, 1782a.—1788: *Asc*. 1809: *Asc. lumbricoides*. 1851: *Asc. megaloc*.
equi Sons., 1876 [nv.], t. h. *Equus* cab.; Egypt.—1876: Fil. sanguinis. 1911: Microfil. sanguinis.
equi Zed., 1803a, 90, *equinus* renamed, t. h. *Equus* cab.—1803: Str.
equi africani Martini, 1903a, 351.—1903: Fil. sanguinis.
equi-caballi Dies., 1851a, 332, in *Equus* cab.; by Dick, 1836.—1851: *Nematoideum*.
equi-caballi Dies., in Herm., 1841b, 199.—1841: *Trichina reticulata*.
equi-caballi Peschel, 1844, [nv.]; Dies., 1851a, 332, t. h. *Equus* cab.; Dresden.—1851: *Nematoideum*.
equi curvula (Rud., 1803) Gouch, 1908, 3, in *Equus*.—1908: *Oxyuris*.
equi mastigodes (Nitzsch, 1857a) Galli-Val., 1901c, 362.—1901: *Oxyuris*.
equi mastigoides Gough, 1908, 3, for *equi mastigodes*.—1908: *Oxyuris*.
equi sanguinis africani Balfour, 1910, 98, same as *sanguinis equi africani*.—1910: Microfil.
equie Francis, 1894e, 451, misprint for *equina* (Fil.).
equini Willach, 1892a, 361, t. h. *Equus* cab.; Germany.—1892: *Rhabditis oculi*.
equinis Cast. & Chalm., 1910a, 1188 misprint for *equinus* (Gord.).
equinus Abildg., 1789a, 49, t. h. *Equus* cab.—1789: Gord. 1849: Fil. 1893: Seta. 1911: *Setaria*, type.
equinus Müell., 1780, pl. 42 [nv.]; 1784a, 6, t. h. *Equus* cab.; [Europe].—1780 or 1784: Str. 1802: *Srungylus*. [1809: Sclerost., tsd.] 1828: Sclerost., tsd. 1905: *Strongillus*.
equorum Gœze, 1782a, 63, t. h. *Equus* cab.; Germany.—1782: *Asc*. 1800: *Fus. lumbricoides*.
equorum Zed., 1800a, 72, *equinus* renamed, t. h. *Equus* cab.; Europe.—1800: Str.
equinum Krabbe, 1866e, 40, for *equinum* (Sclerost.).
erecta Mol., 1860b, 927, t. h. *Thamnophilus guttatus*; Brazil.—1860: Spiropt. 1861: *Cheilospirura*. 1897: Spiropt.
eremita Leidy, 1886e, 310, t. h. *Meles labradorica*; Wyoming.—1886: *Monopetalonema*.
erinacei Chatin, 1876a, 801, t. h. *Erinaceus europæus*; Ing.—1876: Spiropt.
erinacei C. E. V. in Rud., 1819a, 8, t. h. *Erinaceus vulg.*; C. E. V.—1819: Fil. 1351: Str.
erinacei Rud., 1819a, 14, t. h. *Erinaceus europæus*; C. E. V.—1819: *Trichosoma*. [1915: Cap.]
erinacei Sons., 1896m, 438, t. h. *Erinaceus auritus*; Egypt.—1896: Fil.
erinacei Trav., 1915, 159, for *erinacei* Rud., 1819.—1915: Cap.
erinacei Rud., 1793a, 22, t. h. *Erinaceus europæus*; by Rud.—1793: *Hæruca*. 1904: *Echinor*.
erinacei abdominalis Rud., 1819a, 76, t. h. *Erinaceus europæus*; C. E. V.—1319: *Echinor*.
erinacei subcutaneus Rud., 1819a, 76, t. h. *Erinaceus europæus*; C. E. V.—1819: *Echinor*.
eririo vari M. C. V. in Mol., 1861a, 542 (118); Brazil.—1861: Str. colubri.
eristata Linst., 1872e, 154, misprint for *cristata* (Asc.).
erraticus Linst., 1876a, 10, t. h. *Lacerta vivipara*; by Linst.—1876: *Aphelenchus*.
ersilia Stoss., 1896, 124, t. h. *Python molurus*; India.—1896: Str. 1909: *Diaphanoc*. 1899: Sclerost.
eruca Panceri, 1878, 6, marine.—1878: *Echinoderes*.
eruca Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: *Vibrio*. [1839: *Enchelys*.]
[erucæ Werner, 1782a, 24, very doubtful whether this can be construed as a specific name.—1782: Gord.]

- [*erucarum* Werner, 1782, 6, very doubtful whether this can be construed as a specific name.—1782: Gord. 1788: Fil. 1815: Gord. (Fil.).]
- erythrophthalma* Schneid., 1906c, 29, free; Gulf of Finland.—1906: Chromadora.
- erythrophthalmus* Linst., 1896a, 11, free; Uschuaia.—1896: Enoplus.
- erythrops* Carter, 1859b, 42, in clots of *Oscillatoria*, in salt water drains; Isl. of Bombay.—1859: Urolabes.
- esofagea bovis* Perronc., 1882a, 331 see *scutata esofagea bovis* (Fil.).
- estercoræ* de Oliveira, 1904, 332, for *stercoralis* (Anguillulas).
- esuriens* Duj., 1845a, 270, t. h. *Pleuronectes latus*, P. soleæ; Paris, Rennes.—1845: Dacnitis, tsd. 1884: Cucullanus.
- ettersbergensis* Man, 1885a, 13, in moist Ettersberg soil; Central Germany.—1914: Dorylaimus.
- eunectis-scytalis* Mol., 1858c, 430, t. h. *Eunectes scytale*; Caiçara, Brazil.—1858: Fil.
- eupemphigis-marmorati* Mol., 1858c, 431, t. h. *Eupemphix marmoratus*; Caiçara, Brazil.—1858: Fil.
- euprepia-cajæ* Dies., 1851a, 104, t. h. *Euprepia caja*; by Werner.—1851: Fil. 1851: Gord.
- euprepia-jacobæ* Dies., 1851a, 104, t. h. *Euprepia jacobæ*; by Germar.—1851: Fil. 1851: Gord.
- euproctus* Blgr., 1917, 204, t. h. *Equus cab.*; Birmingham.—1917: Cylichnost.
- euricaudata* Clerc, 1905, 32, misprint for *ensicaudata* (Asc.).
- europtera* Sieb., 1854, 113, for *europytera* (Spiropt.).
- eurrhypara-urticata* Baird, 1853a, 113, t. h. *Eurrhypara* (Botys) *urticata*; Eng.—1853: Gord.
- eurycera* Seur., 1914, 390, t. h. *Perdix rouge*; Corsica.—1914: Cyanea, tpd.
- eurydorys* Ditlevsen, 1912, 244; Varde Aa.—1912: Dorylaimus.
- euryoptera* Rud., 1819a, 26, t. h. *Lanius collurio*, etc.; M. C. V.—1819: Spiropt. 1912: Acuaría. 1913: Viguiera, tod.
- euzina* Linst., 1903u, 270, t. h. *Pelecenus minor*; Petrograd Mus.—1903: Asc.
- evaginabilis* Luehe, 1912, 276, apparently lapsus for *invaginabilis*.—1912: Arrhythmor.
- evaginata* Smith, A. J., 1908a, 267, for *evoluta*.—1908: Oxyuris.
- evansi* Lewis, 1882b, 63, t. h. camel; Dera Ismeil Khan.—1882: Fil. 1916: Microfil.
- evoluta* Linst., 1899b, 20, t. h. *Hystrix brachyura*; Ing.—1899: Oxyuris.
- exacanthus* Duj., 1845a, 536 lapsus for *hexacanthus* (Echinor.).
- excisa* Mol., 1860b, 932, t. h. *Ciconia maguari*; Brazil.—1860: Spiropt. 1914: Cyanea.
- excisus* Jægers., 1909, 3, t. h. *Phalacrocorax carbo*, P. pygmæus; M. V.—1909: Eustrongylides.
- exigua* Goeldi, 1887, [nv.]; 1889a, 266.—1889: Meloidogyne, tod.
- exiguum* Duj., 1845a, 9, t. h. *Erinaceus europæus*; Rennes.—1845: Trichosoma. 1915: Cap. (Cap.).
- exiguus* Linst., 1901e, 279, t. h. *Engraulis encrasicholus*; Black Sea, Jalta.—1901: Echinor. [1907: Echinoma.]
- exiguus* Man, 1876a (b), 131 (54).—1876: Tylenchus.
- exile* Duj., 1845a, 15, t. h. *Turdus merula*; Rennes.—1845: Trichosoma. 1915: Cap.
- exihdens* Looss in Cummins, 1912, 55, *africanus* Looss, not Harris, renamed, t. h. *Anthropopithecus troglodytes*; Africa.—1912: Necator.
- exilis* Cobb, 1893b, 289 (40), about roots of banana plants; Fiji.—1893: Aulolaimus. 1913: Gymnolaimus, mt.
- exilis* Cobb, 1893b, 290 (41), about roots of banana plants; Fiji.—1893: Dorylaimus.
- exilis* Cobb, 1914, 72 (38), in fresh water; Tynne River, Fla.—1914: Bastiana.
- exilis* Cobb, 1917n, 438, about roots of moss; Moss Vale, N. S. W.—1917: Mononchus (Mononchus).
- exilis* Duj., 1845a, 29, t. h. *Sorex tetragonurus*; Rennes.—1845: Liniscus, mt.
- exilis* Mar., 1870a, 11; Endoume.—1870: Lasiomitus, mt.
- exilis* Rail., 1884e, 160, in *Ovis aries*; France.—1884: Str.
- explicans* Fedtsch., 1874a, 58; Durschankul-See, Turkestan.—1874: Mermis.
- expulsoria* Carus, 1837, 3, [nv.], t. h. *Sepia officinalis*.—1837: Needhamia.
- extenuata* Deslgh., 1824p, 395, t. h. *Mullus surmuletus*; Ing.—1824: Fil.
- extenuata* Rud., 1819a, 47, t. h. *Lacerta margaritacea*; Algéciras.—1819: Asc.
- extenuatus* Rail., 1898c, 254, t. h. *Ovis aries*; France.—1898: Str. [1898: Str. gracilis.] 1907: Trichost.
- fabri* Dies., 1851a, 118, t. h. *Zeus faber*; Rimini.—1851: Agamonema.
- fabri* Rud., 1819a, 57, t. h. *Zeus faber*; Rimini.—1819: Asc. [1861: Asc. biuncinata.]
- fabri* Rud., 1819a, 79, t. h. *Zeus faber*; C. E. V.—1819: Echinor.
- fæculorum* Dies., 1851a, 136 for *feculorum*.—1851: Rhabditis. 1851: Anguillula.
- falcariæ* Oerley, 1880a, 105, in leaves of *Falcaria rivini*; Frauenf., 1872, 396.—1880: Tylenchus.

- falcatum* Linst., 1906, 169, t. h. *Nicoria trijuga*; Colombo.—1906: *Oxysona*. 1915: Fus. 1915: *Falcaustra*, tod.
- falcatus* Frœl., 1789a, 117, t. h. *Salamandra atra*; Frœl.—1789: *Echinor*. 1911: *Acanthoc*.
- falcatus* Linst., 1907, 255, t. h. *Gorilla gina*; Kamerun.—1907: Str.
- falcifer* Cobbold, 1882a, 224, t. h. *Elephas indicus*.—1882: Str. 1914: *Cylicost*. 1914: *Murshidia*.
- falciformis* A. D. & E., 1901b, 33, t. h. *Cynnyris fuliginosa*; W. Africa.—1901: Fil.
- falcigera* Rail. & Henry, 1907b, 2, t. h. *Leptonychotes weddelli*, *Omnatophoca rossi*; Booth-Wandel Island.—1907: Asc.
- falcinelli* Rud., 1819a, 28, t. h. *Tantalus falcinellus*; C. E. V.—1819: *Spiropt*. 1860: *Acuaria*.
- falci-rufi* Drasche, 1883b, 125, t. h. *Falco rufus*; Ing.—1883: *Dacnitis*.
- falconis* Gmel., 1790a, 3040, t. h. *Falco*; by Pall., 83.—1790: Fil.
- falconis* M. C. V. in Mol., 1860b, 494.—1860: *Spiropt*. [1860: *Disph. rectus*.]
- falconis* M. C. V. in Mol., 1860b, 930.—1860: *Spiropt*. [1860: *S. papillosa*.]
- falconis* M. C. V. in Mol., 1860b, 965.—1860: *Spiropt*. [1860: *S. filiformis*.]
- falconis* Rud., 1819a, 28, t. h. *Falco rufipes*; Mus. Wien.—1819: *Spiropt*.
- fulconis-albicollis* Rud., 1819a, 711, 799, t. h. *Falco albicollis*; Brazil.—1819: *Dubium*. 1851: *Nematoideum*.
- falconis-buteonis* Rud., 1810a, 363; Gœze, 1782a.—1810: *Vermis (dubius)*. 1819: *Dubium*. 1851: *Nematoideum*.
- falconis-cyanæi* Rud., 1819a, 76, t. h. *Falco cyaneus*; C. E. V.—1819: *Echinor*.
- falconis-fulvi* Rud., 1810a, 375, t. h. *Falco fulvus*; by Braun.—1810: Str. 1851: *Nematoideum*.
- falconis-gavial-realis* M. C. V. in Mol., 1860b, 930.—1860: *Spiropt*. [1860: *S. papillosa*.]
- falconis-leptopodis* M. C. V. in Mol., 1860b, 930.—1860: *Spiropt*. [1860: *Fil. papillosa*.]
- falconis-magnirostris* M. C. V. in Mol., 1858c, 392, t. h. *Falco magnirostris*; Brazil.—1858: Fil.
- falconis-milvi* Rud., 1809a, 70.—1809: *Gord*.
- falconis-milvi* Rud., 1810a, 263; Gœze, 1782a, 126.—1810: *Vermis (dubius)*.
- falconis-nævi* Rud., 1819a, 187, 555, 799, t. h. *Falco nævius*; Mus. Wien.—1819: *Dubium*. 1851: *Nematoideum*.
- falconis-nisi* Dies., 1851a, 229, t. h. *Falco nisus*; Rennes.—1851: *Disph*. 1851: *Spiropt*.
- falconis-nisi* Dies., 1851a, 261, t. h. *Falco nisus*; Rennes.—1851: *Trichosomum*.
- falconis-nisi* Kræmer, 1853a, 295, t. h. *Falco nisus*.—1853: *Trichina*.
- falconis-nisi* Rud., 1810a, 266; by Redi.—1810: *Vermis (dubius)*. 1819: *Dubium*.
- falconis-picti* M. C. V. in Mol., 1858c, 392, t. h. *Falco swainsonii*; Brazil.—1858: Fil. *attenuata*.
- falconis-pygargi* Dies., 1851a, 261, t. h. *Falco pygargus*; Rennes.—1851: *Trichosomum*.
- falconis-rufi* Linst., 1889a, 41, for *falci-rufi* (*Dacnitis*).
- falconis-subbuteonis* Dies., 1851a, 229, t. h. *Falco subbuteo*; Rennes.—1851: *Disph*. 1851: *Spiropt*.
- falconis-tridentati* M. C. V. in Mol., 1860b, 483.—1860: *Spiropt*. [1860: *Disph. sygmoideus*.]
- falconua* Trav., 1915, 153, for *falconum* (*Trichosoma*).—1915: Cap. (*Thominx*).
- falconum* Rud., 1809a, 70, t. h. *Falco* sp.; [Europe].—1809: Fil.
- falconum* Rud., 1819a, 15, t. h. *Falco buteo*, *F. milvus*; Europe.—1819: *Trichosoma*.
- falconum* Müell., 1904a, 120, for *falconum* (*Trichosoma*).
- falcuatus* Rans., 1911, 364, t. h. *Capra hircus*; Pesene, S. Africa.—1911: *Trichostr*.
- fallax* Jægers., 1909, 35, t. h. *Sciurus melanogaster*; S. Sumatra.—1909: *Rictularia*.
- fallax* Rud., 1819a, 43, t. h. *Lacerta viridis*; Mus. Wien.—1819: Asc. [1889: A. *abbreviata*.]
- fallax* Sieb., 1837e, 209 [nv.].—1837: *Spiropt*.
- fals* Müell., 1773b, 46, in *paludosis Lemna refertis*.—1773: *Vibrio*. 1838: *Trachelius*.
- fariæ* Lane, 1917, 756, for *fariæ* (*Het.*).
- fariæ* Trav., 1913, 278, t. h. *Odontophorus capueira*; Sta. Cruz im Staate Rio.—1913: *Het*.
- fariæ* Trav., 1914, 3, t. h. *Leptoptila rufaxilla*; Est. do Rio de Janeiro.—1914: *Orni-thostr.*, tod.
- fariæ* Trav., 1915, 388, t. h. *Lepus brasiliensis*; Brazil.—1915: *Viannaia*.
- farionis* Fisch., 1798b, 98, t. h. trout; by Fisch.—1798: *Cystidicola*, mt. tat. [1801: *Ophiost.*, tsd.]
- farionis* Frœl., 1802a, 71, t. h. *Salmo fario*.—1802: *Echinor*.

- farionis* Gmel., 1790a, 3036, t. h. *Salmo fario*; Goze, 1782a. 1790: Asc. 1803: Fus. [1851: *A. obtusocaudata*.]
- farionis* Gmel., 1790a, 3052, t. h. *Salmo fario*; Goze, 1782a. 1790: *Cucullianus lacustris*.
- fasciata* Rail. & Henry, 1910, 250, t. h. *dromadaire*; Punjab.—1910: *Onchocerca*. 1912: *Oncocerca*.
- fasciata* Schneid., 1866a, 68, t. h. *Dasyptus novemcinctus*; Brazil.—1866: Het. 1913: *Aspidodera*.
- fasciata* Weidmann, 1913, 140, t. h. wild cat; Phila.—1913: Fil.
- fasciatus* Baird, 1853b, 21; N. America.—1853: Gord.
- fasciatus* Linst., 1879a, 165, on moss roots; Ing.—1879: *Dorylaimus*.
- fasciatus* Westrumb, 1821a, 27, t. h. *Motacilla atricapilla*, etc.—1821: *Echinor*.
- fasciculatus* Cobb, 1894c, 411; Bay of Nap.—1894: *Synonchus*, ted.
- fasciola* Müell., 1773b, 48, in aqua gelu soluta.—1773: *Vibrio*. 1838: *Amphileptus*.
- fasciolata* Gendré, 1909, xxx, t. h. *Cinixys belliana*; French Guinea.—1909: *Atractis*.
- feæ* Cam., 1888h, 168; Mus. Genova, from Birmania.—1888: Gord.
- feæ* Par., 1889c, 769, t. h. *Testudo* sp.; Birmanie.—1889: Het.
- feai* Stoss., 1897b, 114, t. h. *Ninox scutulata*; Birma.—1897: *Spiropt*.
- feculorum* Guér.-Mén., 1845, 876, t. h. potatoes.—1845: *Rhabditis*. [1851: *Anguillula* (*feculorum*).]
- fecundus* Cobb, 1914, 72-381, on Algae; Potomac River, Wash., D. C.—1914: *Dorylaimus*.
- felinema* Noordhoek Hegt, 1910, 5, t. h. *Felis dom.*; Batavia.—1910: *Chlamydonema*, mt.
- felis* Dies., 1851a, 295, t. h. *Felis tigrina*; Brazil.—1851: *Trichoc*. 1900: *Tr. campanula*.
- felis* Gmel., 1790a, 3031, t. h. *Felis catus*.—1790: Asc. [1782: *A. teres*. 1809: *A. mystax*.] 1893: *A. mystax*. 1901: *A. canis*.
- [*felis*] Goze, 1782a, 79, t. h. cat.—1782: Asc. *teres*. See *mystax*, also *felis* 1790a.
- felis* Züern, 1882a, 262, t. h. cat.—1882: *Doch. balsami*. 1915: *D. balsamis*.
- felis-cati* Dies., 1851a, 259, t. h. *Felis catus fer.*; Ireland.—1851: *Trichosomum*. 1915: Cap.
- felis-cati-feri* Rud., 1819a, 710, t. h. *Felis catus ferus*; Mus. Wien.—1819: *Dubium*.
- felis-concoloris* M. C. V. in Mol., 1858c, 389, t. h. *Felis concolor*; Caicara, Brazil.—1858: Fil.
- felis-concoloris* M. C. V. in Mol., 1860b, 922.—1860: *Spiropt*. [1860: *S. subæqualis*.]
- felis-discoloris* Leidy, 1851a, 155, t. h. *Felis discolor*; Ing.—1851: Asc. [1856: *A. leptopectera*.]
- felis-jaguarondi* M. C. V. in Mol., 1858c, 421, t. h. *Felis mellivora*; Ypanema, Brazil.—1858: Fil.
- felis-mellivora* Stoss., 1897b, 68 (56, for *felis-mellivora* (*pulmonalis*) (Fil.).
- felis-mellivora* (*pulmonalis*) Mol., 1858c, 421 t. h. *Felis mellivora*; Ypanema, Brazil.—1858: Fil.
- felis-onça* Stoss., 1897b, 68 (56, for *felis-onça* (*intermuscularis*) (Fil.).
- felis-onça* (*intermuscularis*) Mol., 1858c, 421, t. h. *Felis onça*; Brazil.—1858: Fil.
- felis-yaguarondi* M. C. V. in Mol., 1860b, 922 (14).—1860: *Spiropt*. [1860: *F. subæqualis*.]
- feronia-madida* Dies., 1851a, 90, t. h. *Feronia madida*; Eng.—1851: Gord.
- feronia-melanaria* Dies., 1851a, 90, t. h. *Feronia melanaria*; Coll. Schlotthauber.—1851: Fil. 1851: Gord.
- feronia-metallica* Dies., 1851a, 90, t. h. *Feronia metallica*; Gœtt., Wien.—1851: Fil. 1851: Gord.
- feronia-omasei-nigrita* Dies., 1851a, 91, t. h. *Feronia* (*Omaseus*) *nigrita*; by Sieb., Ing.—1851: Gord.
- feronia-striata* Dies., 1851a, 90, t. h. *Feronia* (*Abax*) *striata*; Eng.—1851: Gord.
- ferox* Cam., 1897g, 388 (50); French Congo.—1897: Chord.
- ferox* Cobb, 1915, 113, near low tide mark; Colon, Panama.—1915: *Selacinema*, mt.
- ferox* Hempr. & Ehrenb., 1828a.—1828: Asc.
- ferruginea* Leidy, 1851c, 275; Brazil.—1851: *Mermis*.
- festæ* Cam., 1897e, 2; Cuenca.—1897: Chord.
- fiatole* Rud., 1819a, 192, 562, 799, t. h. *Stromateus fiatola*; Rimini.—1819: *Dubium*. 1851: *Nematoideum*.
- fiberius* Barker & Noyes in Barker, 1915, 196, t. h. *Fiber zibethicus*; Neb.—1915: *Trichostr*.
- ficheruri* Seur., 1916, 295, t. h. *Bubulcus lucidus*; Alger.—1916: *Habronema*.

- fictor* Bast., 1865c, 116, aquatic; Bagshot.—1865; *Diplogaster*.
figuratum Bast., 1865c, 146, marine; Falmouth.—1865; *Leptosomatum*. 1907: Thoracost.
filaria Ben., 1873b, 21, t. h. *Vespertilio auritus*; Belgium.—1873; *Listosoma*, mt.
filaria Duj., 1845a, 108, t. h. *Lumbricus terrestris*; Paris.—1845; *Dicelis*, mt. 1905: *Discelis*.
filaria Duj., 1845a, 177, t. h. a large serpent, probably *Python*; Pondicherry.—1845: *Asc*.
filaria Marshall, 1904a, 182, t. h. *Ovis aries*; Montana.—1904; *Metastr*.
filaria Rougier Grangeneuve, 1880a, 12.—1880: *Gord*.
filaria Rud., 1809a, 219, t. h. *Ovis aries*; Europe.—1809: *Str*. 1907: *Dictyocaulus*, tod. 1910: *Sclerost*.
filaria Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: *Oscillatoria*.]
filaria Silva Araujo, 1877a, 492, t. h. *Homo*; Bahia.—1877; *Wuchereria*.
filariæ Duf., 1828d, 224, t. h. *Fil. tricuspidata* in *Gryllus burdigalensis*; by Duf.—1828: *Fil*.
filariiformis Stoss., 1902e, 6, t. h. *Scopelus caudispinosus*; Genova.—1902: *Asc*.
filaria Hellier, 1892d, 33, misprint for *filaria* (*Str*.).
filholi Chatin, 1885a, 39 t. h. fish; either Campbell Is. or New Zealand.—1885: *Asc*.
filaria Campb. & Lacr., 1907, 72, misprint for *filaria* (*Str*.).
filicauda Daday, 1899, 564.—1899: *Ironus*.
filicaudata Man, 1880a, 11, in moist soil; Holland.—1880: *Tripyla*.
filicaudatus Büetsch., 1874b, 258, in Kuhmist; Germany.—1874: *Diplogaster*.
filicaudatus Cobb, 1906, 165, about roots of diseased cane; Olaa Plantation, Hawaii.—1906; *Cephalobus*.
filicaudatus Daday, 1905, 64, in fresh water; Paraguay.—1905: *Dorylaimus*.
filicollis of Mol., 1861a, 512, in *Ovis aries*.—1861: *Str*. [1893: *Str. contortus*.]
filicollis Rud., 1802a, 23, t. h. *Ovis aries*; by Rud.—1802: *Asc*. 1803: *Str*. 1803: *Fus*. 1809: *Str*. 1899: *Oesophagost*. 1907: *Nematodirus*, tod. 1913: *Str*. (*Nematodirus*). 1912: *Trichostr*. 1914: *Nematodirus* (*Nematodirus*).
filicollis Rud., 1804a, 94 [nomen nudum except for host]; 1809a, 283, t. h. *Anas fuligula*; [Europe].—1804, 1809: *Echinor*. 1910: *Echinoma*. 1913: *Echinor*.
filiforme Linst., 1885b, 247, t. h. *Triton alpestris*, *T. cristatus*.—1885: *Trichosoma*. [1915: *Cap*. (*Thominx*).]
filiforme Man, 1907, 84; Zealand.—1907: *Euryst*.
filiforme Mol., 1857a, 217, t. h. *Simia inuus*; by Brems.—1857: *Gongylonema*.
filiforme redivivum (Linn., 1767) Roffredi, 1775a, 202.—1775: *Chaos*.
filiforme Villot, 1875a, 466; Med.—1875: *Leptosomatum*.
filiformis Bast., 1865c, 98, in river; Blackwater.—1865: *Monhystera*. 1907: *Monohystera*.
filiformis Bast., 1865c, 107, aquatic; Bagshot.—1865: *Dorylaimus*.
filiformis Bast., 1865c, 117, in sandy soil; Broadmoor, Berks.—1865: *Diplogaster*.
filiformis Bast., 1865c, 169, marine, tide-pools; Falmouth.—1865: *Chromadora*.
filiformis Büetsch., 1873a, 37, at moss roots; by Büetsch.—1873: *Tylenchus*.
filiformis Büetsch., 1873a, 106, in Moss eines Baumstammes; by Büetsch.—1873: *Rhabditis*.
filiformis Daday, 1894, 128, [free; Balaton].—1894: *Alaimus*.
filiformis Eberth, 1863a, 29, free; Nizza.—1863: *Odontobius*.
filiformis Ehrenb.? or? Man [nv.]; Daday, 1910, 52; Jippe-See.—1910: *Dorylaimus*.
filiformis Goeze, 1782a, 39, see *filif. cauda rotundata*, t. h. birds, etc.; by Goeze.—1782: *Asc*. [See *Str. auricularis*, *A. variegata*, *A. nigrovenosa*.] 1917: *Oswaldocruzia*.
filiformis Greef, 1869a, 117; Nordsee.—1869: *Eubostrichus*,? type.
filiformis Man, 1880a, 42, in moist soil; Holland.—1880: *Cephalobus*.
filiformis Man, 1889b, 3, free; Penzance.—1889: *Axonolaimus*.
filiformis Man, 1907, 230, free; Veere, Ierseke.—1907; *Terschellingia*.
filiformis Mol., 1858c, 396, t. h. *Anabates rufifrons*; Cuyaba.—1858: *Fil*. [1909: *F. (Diplotriana)*.]
filiformis Mol., 1860b, 965, t. h. *Falco urubutinga*; Brazil.—1860: *Spiropt*.
filiformis Schrank, 1788a, 11, t. h. *Kælber*, etc.; Goeze, 1782a, 91.—1788: *Asc*.
filiformis Stoss., 1896c (d), 123, t. h. *Pagellus erythrinus*, *Trachinus draco*; Trieste.—1896: *Ichthyonema*.
filiformis Stoss., 1899d, 85 (31), t. h. *Myrmecophaga jubata*; Brazil.—1899: *Str*.
filiformis Stoss., 1904b, 2, t. h. *Uranoscopus scaber*; Trieste.—1904: *Asc*.
filiformis Zsch., 1884a, 6, t. h. *Alburnus lucidus*; by Zsch.—1884: *Disph*. [1896: *Ancyracanthus*.] 1896: *Ancyracanthus*.
filiformis bufonum Dies., 1851a, 187, t. h. *Rana bufo*; teste Goeze.—1851: *Asc*. [1851: *Asc. nigrovenosa*.]

- filiformis cauda rotundata* Gœze, 1782a, 91, t. h. calves; by Gœze.—1782: Asc. [See *filiformis* Schrank, Str. paradoxus, Str. vitulorum.]
- filicollis* Hornby, 1913, 540, for *flicollis* (Str.).
- filliforme* Trav., 1915, 156 for *filiformis* Linst., 1885.—[1885: *Trichosoma*.] 1915: Cap. (Thominx).
- filikollis* Schneidem., 1896a, 325, for *flicollis* (Echinor.).
- filum* Duj., 1845a, 135, t. h. Delphinus phocena; Mus. Paris.—1845: *Pseudalius*, mt.
- filum* Müell., 1774a, 31.—1774: Gord.
- fissicollis* Linst., 1906, Jan., 164, t. h. *Haliastur indus*; Ceylon.—1906: Asc.
- fissilabium* Linst., 1873g, 299, t. h. *Sturnus vulg.*; Ing.—1873: Asc.
- fissispina* Dies., 1861a, 674, t. h. *Anas boschas dom.*, etc.; Lieberk., 1855.—1861: *Tropidocerca*. 1888: *Tropisurus*. 1914: *Tetrameres*. 1915: *Tetrameres* (*Tetrameres*).
- fiabellata* Linst., 1888a (b), 9, t. h. *Paradisea apoda*; Aru Isl.—1888: Fil. [1909: Fil. (*Diplotriæna*).]
- flagelloides* Jægers., 1893a, 54, t. h. *Atherura armata*; Kamerun.—1893: *Oxyuris*.
- flagellum* Ehrenb. in Hemp. & Ehrenb., 1828a, (*Hyrax*) unpagcd, t. h. *Hyrax capensis*; by H. & E.—1828: *Oxyuris*.
- flagellum acuta* Ehrenb. in Hemp. & Ehrenb., 1828a, (*Hyrax*) unpagcd, t. h. *Hyrax capensis*; by H. & E.—1828: *Oxyuris*.
- flagellum obtusa* Ehrenb. in Hemp. & Ehrenb., 1828a, (*Hyrax*) unpagcd, t. h. *Hyrax capensis*; by H. & E.—1828: *Oxyuris*.
- flavellum* Cobbold, 1879b, 403, for *flagellum* (*Oxyuris*).
- flavescens* Cast. & Willey, 1904 [nv.]; Linst., 1906, 172; *Calotes versicolor*; Colombo, Ceylon.—1904 or 1906: Fil.
- flavescens* Linst., 1906, 246; Tucuman, Argentina, Costa Rica.—1906: Paragord.
- flavomaculatus* Linst., 1876a, 6, free; Ratzeburger-See.—1876: *Dorylaimus*. 1876: *Donylaimus*.
- flavomacullatus* Stefanski, 1916, 364, apparently misprint for *flavomaculatus* (*Dorylaimus*).
- flavus* Linst., 1906, 243; Neu Britannien, Oceanien, etc.—1906: Gord.
- flavus* Mol., 1858(1859e), 294, t. h. *Pagellus erythrinus*; Padua.—1858: Echinor.
- flesi* Linst., 1878b, 241, t. h. *Platessa flesus*; by Linst.—1878: *Agamonema*.
- flesi* Linst., 1878b, 238, t. h. *Platessa flesus*; Ing.—1878: Asc.
- fexilis* Duj., 1845a, 109, t. h. *Limax cinereus*; Rennes.—1845: *Leptodera*, mt. 1880: *Rhabditis*. 1908: R. (L.).
- flexuosa* Schlotthauber, 1860a, 125, t. h. *Falco buteo*; by Schlotth.—1860: Fil.
- flexuosa* Schneid., 1866a, 67, t. h. *Crotalus*; Brazil.—1866: Het. 1914: *Ascaridia*.
- flexuosa* Wedl., 1856b, 122, t. h. *Cervus elaphus*; by Wedl.—1856: Fil. 1909: *Onchocerca*.
- flustræ* Dalyell, 1853a, 92, t. h. *Flustra carbacea*; Ing.—1853: Asc. 1865: *Phanoglene*.
- fluvialis* Müell., 1783, 161, s. *Vibrio anguillula pars*, see also *fluviatilis*.—1783: *Vibrio*. [1786: *Anguillula*.] 1840: *Anguillula*.
- fluviatilis* Büetsch., 1876a, 365, in fauligen Massen auf der Oberflæche des Mains; F. a. M.—1876: *Rhabditis*.
- fluviatilis* Cobb, 1914, 81 (47); Maple River; Mich.—1914: *Microlaimus*.
- fluviatilis* Cobb, 1915, 38; Maple River; Mich.—1915: *Cyatholaimus*.
- fluviatilis* Hagmeier, 1912, 585, t. h. *Chironomidæ*; in Rhein.—1912: *Paramermis*.
- fluviatilis* Man, 1880a, 36, in water; Holland.—1893: *Diplogaster*.
- fluviatilis* Müell., 1786a, 65, for *fluvialis* 1783, in sedimento vegetabili; Europe.—1786: *Vibrio anguillula*. 1786: *Anguillula*, tsd.
- fluzosa* Rail. & Henry, 1914, 678, misprint for *flexuosa*, 1866 (*Ascaridia*).
- fœcunda* Linst., 1879b, 330, t. h. *Simia satyrus*; Stuttgart Mus.—1879: *Oxyuris*.
- fœcunda* Rud., 1819a, 654, t. h. *Rana cornuta*, *Hyla* sp.; Brazil.—1819: Asc.
- fœcunda* Schneid., 1866a, 315.—1866: *Leptodera*. 1880: *Rhabditis*.
- fœtidus* Büetsch., 1874b, 256, in Kuhmist; Germany.—1874: *Aphelenchus*.
- foinæ* Rud., 1809a, 243, *Tænia gulonis* renamed, t. h. *Mustela foina*; teste Redi.—1809: Str.
- foliatus* Cobbold, 1882a, 224, t. h. *Elephas indicus*; by Cobbold.—1882: Str. 1914: *Bunost*.
- follicularis* Ostertag in Olt, 1898c, 121, t. h. *Sus scrofa dom.*; Germany.—1898: Str.
- forceps ursi-lotor* M. C. V. in Mol., 1861a, 493 (69), t. h. *Procyon cancrivorus*; Ypanema, Brazil.—1861: Str.
- forciparia* Schneid., 1866a, 75, *forcipata* renamed, t. h. *Cuculus navius*, etc.; Brazil.—1866: Het. 1866: Asc.
- forcipata* Rud., 1819a, 659, t. h. *Cuculus navius*, etc.; Brazil.—1819: Asc. 1914: *Subulura*.

- fordi* Leiper, 1911, 18, for *fordii* Daniels, 1908.—1911: *Nematodirus*. 1912: *N.* (*Mecistocirrus*). 1912: *Mecistocirrus*. 1913: *Str.*
- fordii* Daniels, 1908, v. 3, 15, t. h. Indian buffalo; Malaya.—1908: *Str.*
- foreli* Hofmæn., 1913, 637, aquatic; lac Léman.—1913: *Chromadora*.
- foreli* Hofmæn., in Hofmæn & Menz., 1915, 138.—1915: *Ethmolaimus*.
- forficula* Rud., 1809a, 77, t. h. *Forficula auricularia*; by Schroeder.—1809: *Fil.*
- forficula-auricularia* Dies., 1851a, 94, t. h. *Forficula auricularia*; Europe.—1851: *Gord.*
- forficula-borealis* Dies., 1851a, 94, t. h. *Forficula borealis*; by Spence, Ing.—1851: *Fil.* 1851: *Gord.*
- formicarum* Dies., 1851a, 99, t. h. *Formica* sp.; teste Gould, Sieb., 1843a, 81.—1851: *Fil.* 1851: *Gord.*
- formosa* Schmassmann, 1914, 398; Silsersee.—1914: *Mermis*.
- fossor* Hall, 1916a, 21, t. h. *Thomomys fossor*; Colo.—1916: *Trichuris*.
- fossor* Jægers., 1902, 564, t. h. *Lates niloticus*; Africa.—1902: *Dichelyne*, tod.
- fossularis* Leidy, 1851b, 226, in stagnant ponds and rain puddles; Phila.—1851: *Anguillula*.
- fovearum* Duj., 1845a, 236, aquatic; Rennes.—1845: *Oncholaimus*. 1865: *Mononchus*. 1916: *M.* (*Mononchus*).
- foveata* Schneid., 1866a, 90, t. h. *Strix brachyotus*; Brazil.—1866: *Fil.*
- foveolata* Mol., 1858c, 375, t. h. *Corvus frugilegus*, etc.; Europe, Praja de Cajutuba.—1858: *Fil.* 1915: *Serratospiculum*.
- foveolatus* Rud., 1809a, 109, t. h. *Gadus*; by Müeller.—1809: *Cucullanus*. 1890: *Dacnitis* (*Cucullanus*). 1866: *Het.*
- fragaria* Bos, 1891, 1, in Blumenkohlkrankheit of strawberries; Kent, Eng.—1891: *Apelenchus*.
- fragile* Magal., 1905a, 314, t. h. *Pheritima* (*Perichæta*); Brazil.—1905: *Synœcnema*, mt.
- fragilis* Müell., 1788a, 22.—1788: *Lumbrifus*.
- fragilis* Petrov, 1910, 1202, t. h. *Bos taurus*; Charkov.—1910: *Fil.*
- francolina* Linst., 1899b, 11, t. h. *Francolinus bicalcaratus*; Togo, Bismarckburg.—1899: *Het.* 1914: *Asc.*
- frasonii* Wolffh., 1900, 55, for *frassonii* (*Echinor.*).
- frasonii* Wolffh., 1900, 10, for *frassonii* (*Echinor.*).
- frassonii* Lühe, 1911, 48, for *frassonii* t. h. *Numenius arquatus*; Padua.—1911: *Echinor.* 1911: *Arhythmor.*, mt.
- frassonii* Mol., 1858 (1859e), 143, t. h. *Numenius arquatus*; Padua.—1858: *Echinor.* [1911: *Arhythmor.*, mt.]
- friganæ* Bosc, 1802a, 50, t. h. *Phryganea*; by Degeer.—1802: *Fil.*
- frigida* Cobb, 1914, 8; Cape Royds.—1914: *Monhystera*.
- frigidus* Steiner, 1916, 318, free; Possession Isl.—1916: *Dorylaimus*.
- fringilla* Rud., 1819a, 15, t. h. *Fringilla cælebs*; C. V.—1819: *Trichosoma*. 1915: *Cap.*
- fringilla-domestica* Rud., 1819a, 187, 557, 799, t. h. *Fringilla dom.*; Mus. Wien.—1819: *Dubium*. 1851: *Nematoideum*.
- fritschii* Trav., 1914, 429; 1915, 158, papillosum *Fritsch* renamed, t. h. *Malapterurus electricus*.—1915: *Cap.*
- frugilegi* Schrank, 1790a, 121, t. h. *Corvus frugilegus*; teste Schrank.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.* [1851: *Asc. corvi-frugilegi.*]
- fucicola* Man, 1892a, 121, t. h. *Fucus* (*Ascophyllum*) *nodosus*; Seamill, etc.—1892: *Tylenchus*.
- fuhrmanni* Daday, 1911, 494; Neuenburger-See.—1911: *Bathymermis*.
- fulcatum* Zool. Rec. 1908, v. 43 (for 1906), verm. 37, for *falcatum* (*Oxysoma*).
- fulgur* Baird, 1861a, 229, free; Batchian.—1861: *Gord.*
- fulcix* Rud., 1819a, 29, t. h. *Fulica atra*; C. E. V.—1819: *Spiropt.*
- fulicæ-atræ* Dies., 1851a, 228, t. h. *Fulica atra*; Ireland.—1851: *Spiropt.* [1851: *S. fulicæ.*]
- fulicæ-atræ* Dies., 1861a, 724, t. h. *Fulica atra*; Crisp., 1855.—1861: *Nematodum*. 1899: *Nematoideum*.
- fuligula* Gmel., 1790a, 3033, t. h. *Anas fuligula*; teste Bloch.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.*
- fülleborni* Daday, 1908, 11.—1908: *Monhystera*.
- fülleborni* Linst., 1901b, 418, in Termiten Bau; Nyassa-See, Africa.—1901: *Spinifer*, mt.
- fülleborni* Linst., 1905n, 532, t. h. *Anthropopithecus troglodytes*, *Cynoc. babuin*; Africa.—1905: *Strongyloides*.
- fülleborni* Rodenwaldt, 1909, 627, t. h. *Homo*; from India.—1909: *Fasciolopsis* [*Trematoda*]. 1912: *Fil.* (*lapsus for Fasciolopsis*).
- fungorum* Büetsch., 1873a, 41, in faulenden Pilzen; by Büetsch.—1873: *Tylenchus*.

- funiculus* Deslgch., 1824e, 89, t. h. *Gallus dom.*; by Deslgch.—1824: Asc. [1845: Asc. (Ascaridia) inflexa. 1893: Het. perspicillum.]
- furcata* Linst., 1898c, 284, t. h. "Ein krötenförmiger Frosch"; Ralum.—1898: Spiropt.
- furcata* Linst., 1899b, 24, t. h. *Chamaeleo* sp.; Madagascar.—1899: Fil.
- furnessi* Montg., 1898c, 379, t. h. *Deroplatys* sp., *Hierodula* sp.; Borneo.—1898: Chord.
- fusæformis* Zed., 1803a, 153, t. h. *Salmo trutta*; Goeze, 1782a, 157.—1803: Echinor.
- fusca* Rud., 1819a, 5, t. h. *Pleuronectes mancus*; Nap.—1819: Fil. 1861: Ichthyonema.
- fuscovenosum* Rail., 1899l, 1271, t. h. *Tropidonotus natrix*; Europe.—1899: Angiost.
- fuscus* Bast., 1865c, 136, marine surface mud from estuary; Falmouth.—1865: Oncholaimus.
- fusiformis* Bast., 1865c, 121, in moss on roof; Sandhurst.—1865: Plectus.
- fusiformis* Linst., 1902a, 219, t. h. *Micropogon* sp.; Breslau Mus.—1902: Physalopt.
- fusiformis* Mol., 1858c, 415, t. h. *Monasa tranquilla*; Barra do Rio negro, Brazil.—1858: Fil. 1861: Dicheilonema.
- fusiformis* Mol., 1860e, 344, t. h. *Platessa flesus*; M. C. V.—1860: Dacnitis. 1887 (1888): Het.
- fusiformis* Rud., 1809a, 261, for *fusæformis*, t. h. *Salmo trutta*; by Goeze.—1809: Echinor.
- fusiformis avium* A. D., & E., 1901b, 30, t. h. *Hyphantornis auratus*, etc.; apparently Nigeria, W. Africa.—1901: Fil.
- fusus* Schrank, 1796, 317 [nv.].—1796: Vibrio. [1838: *Navicula fulva*.]
- gadi* Templeton, 1836a, 238, t. h. codfish; Ireland.—1836: Oxyurus.
- gadi* Müell., 1776a, 214, t. h. *Gadus*; Ing.—1776: Asc. 1791: Proboscidea. [1809: Asc. clavata.]
- gadi* Zoega in Müell., 1776a, 214, t. h. *Gadus*.—1776: Echinor. [1809: *E. lineolatus*.]
- gadi-æglefini* Dies., 1851a, 198, t. h. *Gadus æglefinus*; by Rud.—1851: Asc.
- gadi-æglefini* Rud., 1819a, 799.—1819: Dubium.
- gadi-brandti* Linst., 1899b, 8, t. h. *Gadus brandti*; Japan.—1899: Asc.
- gadi-callariæ* Viborg, 1795, 244 [nv.]; Lüne, 1904f, 213, t. h. *Gadus callarias*; Mus. Copenhagen.—1795: Echinor. 1904: Echinor.
- gadi-merlangi* Dies., 1851a, 199, t. h. *Merlangus* com.; by Gæde.—1851: Asc.
- gadi-merlucii* Rud., 1819a, 192, t. h. *Gadus merluccius*; Nap.—1819: Dubium.
- gadi-minuti* Rud., 1819a, 57, t. h. *Gadus minutus*; Rimini.—1819: Asc. [1896: Asc. capsularia.]
- gadi-morrhue* Rud., 1810a, 277.—1810: Vermis (dubius). 1819: Dubium.
- gadi-morrhue* Viborg, 1795, 244 [nv.]; Rud., 1809a, 324.—1795: Echinor. quadristris. [1809: Tetrar. morhuae.]
- gadi-virentis* Rathke, 1799a, 72, t. h. *Gadus virens*; by Rathke.—1799: Echinor.
- gadi-virentis* Rud., 1810a, 277.—1810: Vermis (dubius). 1819: Dubium.
- gadorum* Ben., 1858a (1861a), 274, t. h. *Gadus morrhua*; Ing.—1858: Dacnitis. 1887: Het. 1871: Dacnitis.
- gadorum* Rathke, 1799a, 68, 146, t. h. *Gadus morrhua*, *G. virens*; Ing.—1799: Hydatula. 1851: Nematodeum.
- gaidei* Mathis & Léger, 1911, 60, t. h. *Leptotilus* sp.; Tonkin.—1911: Microfil.
- galbulæ* Dies., 1851a, 488 (for *alcedinis-galbulæ*) and Linst., 1878a, 72 (for *alcedinis*), t. h. *Alcedo galbula*.—1878: Echinor.
- galeata* Lint., 1905d, 325, t. h. *Coryphæna equisetis*, *Sphyrna tiburo*; N. Carolina.—1905: Fil.
- galeatus* Cobb, 1913, 438, free; Arlington, Va.—1913: Nemonchus, mt.
- galeatus* Rud., 1819a, 648, t. h. *Lacerta teguixin*; Brazil.—1819: Str. 1845: Sclerost. [1851: *Diaphanoc. strongyloides*.] 1909: *Diaphanoc. tsd*.
- galinieri* Seur., 1914, 244, t. h. Aigle [*Aquila rapax belisarius*]; Ain-Oussera.—1914: Physalopt.
- gallarum abietis* Dies., 1851a, 100.—1851: Fil. aphidis. 1851: Gord. aphidis.
- gallerucæ-alni* Dies., 1851a, 93, t. h. *Galleruca alni*; Dania.—1851: Fil. 1851: Gord. 1861: Mermis.
- gallerucæ-tanacetii* Dies., 1851a, 94, t. h. *Galleruca tanacetii*; Germany, Eng.—1851: Gord.
- galli* Goeze, 1782a, 86, t. h. Hahn.—782: Asc. teres. [See *galli* Schrank.]
- galli* Schrank, 1788a, 9, t. h. *Gallus gallus*; teste Goeze.—1788: Asc. [1800: *Fus. reflexa*. 1809: *A. vesicularis*.]
- galli major* Rud., 1809a, 129.—1809: Asc. teres. [See *gallarum*, inflexa, vesicularis.]
- galli minor* Rud., 1809a, 129.—1809: Asc. teres. [See *vesicularis*.]
- gallinæ* Gmel., 1790a, 3034, t. h. *Gallus dom.*; teste Goeze.—1790: Asc. [1800: *Fus. reflexa*. 1809: *A. vesicularis*. 1861: Het. dispar.]

- gallinæ* Schrank, 1788a, t. h. *Gallus dom.*; Gorze, 1782a, 126.—1788: Fil. 1791: Gord.
- gallinarum* Schrank, 1788a, 9, t. h. *Gallus gallus*; teste Goeze.—1788: Asc. [1800: *Fus. reflexa*. 1809: *Asc. vesicularis*. 1861: *Het. vesicularis*.]
- gallinulæ* Linst., 1879b, 321, t. h. *Gallinula chloropus*; lng.—1879: Asc. [1896: *A. ensicaudata*.]
- gallinulæ* Rud., 1819a, 28, t. h. *Scolopax gallinula*; Greifsw.—1819: Spiropt.
- gallinum* Kowal., 1894(b), 226, t. h. *Gallus dom.*; Dublany.—1894: *Trichosoma*.
- gallopavonis* Gmel., 1790a, 3034, t. h. *Gallopavo*; Goeze, 1782a.—1790: Asc. [1803: *Fus. reflexa*. 1803: *A. perspicillum*. 1893: *Het. p.*]
- gamasi* Linst., 1892a, 327, t. h. *Gamasus coleopratorum*; teste Linst.; lng.—1892: Nematodum.
- gammari* Linst., 1892a, 325, t. h. *Gammarus pulex*; by Linst.—1892: Fil. 1909: Spiropt.
- gammari* Linst., 1892a, 329, t. h. *Gammarus pulex*; lng.—1892: Mermis. 1903: Agamomermis.
- gangula* Lane, 1914, 660, t. h. *Mus decumanus*; Berhampore, Bengal.—1914: Gangulaterakis, tod.
- gariuzzi* Cam., 1902b, 1; Belgian Congo.—1902: Chord.
- garzæ* Zed., 1803a, 161, for *gazæ*, t. h. *Ardea alba*; by Redi.—1803: Echinor.
- gasterostei* Linst., 1884a, 136, t. h. *Gasterosteus aculeatus*.—1884: Agamonematodum. 1909: Agamonema.
- gasterostei* Linst., 1909, 82, t. h. *Gasterosteus aculeatus*.—1909: Agamonema.
- gasterostei* Rud., 1809a, 201, t. h. *Gasterosteus aculeatus*; Greifsw.—1809: Asc.
- gasterostei* Rud., 1810a, 279, 363.—1810: Vermis (dubius).
- gasterostei* Stiles, 1891g, 164, t. h. *Gasterosteus aculeatus*; Baltic Sea.—1891: Fil. 1892: Disph. (Fil.).
- gasterostei-aculeati* Viborg, 1795, 244 [nv.]; Lühe, 1905b, 215; t. h. *Gasterosteus aculeatus*.—1795: Echinor. 1905: Echinor.
- gastropachæ-quercifoliæ* Dies., 1851a, 104, t. h. *Gastropacha quercifolia*; by Rossi.—1851: Fil. 1851: Gord.
- gastropachæ-quercus* Dies., 1851a, 104, t. h. *Gastropacha quercus*; by Werner.—1851: Fil. 1851: Gord.
- gastropachæ-rubi* Dies., 1861a, 610, t. h. *Gastropacha rubi*; by Ploetz.—1861: Mermis.
- gastropachæ-trifoliæ* Dies., 1851a, 103, t. h. *Gastropacha trifolius*; by Hettlinger; teste Sieb.—1851: Fil. 1851: Gord.
- gastrophila* Müell., 1894a, 113, t. h. *Felis dom.*—1894: Fil. 1913: Spirura.
- gaussi* Steiner, 1916, 318, free; Possession Isl.—1916: *Dorylaimus*.
- gaylordi* Rans., in Gaylord & Rans., 1914, 500, t. h. *Canis fam.*; Maine.—1914: Agamonematodum.
- gazæ* Gmel., 1790a, 3046, t. h. *Ardea alba*, *Garza bianca*; by Redi.—1790: Echinor.
- gemina* Linst., 1899b, 15, t. h. *Felis catus dom.*; Egypt.—1899: Physalopt.
- gemmata* Villot, 1884, 45 [nv.].—1884: Gord. 1897: Parachord.
- geniculatus* Müell., 1786a, 52.—1786: Vibrio.
- genitalis* Scheib., 1880a, 161, t. h. *Homo*; Hungary.—1880: Rhabditis.
- genitalis* Scott, 1900a, pl. 30 figs. 1-4, for genitalis (Rhabditis).
- genypteri* Stoss., 1902d (e), 66 (6), t. h. *Genypterus capensis*; Mare del Plata.—1902: Asc.
- geophila* Man, 1876a, 162.—1876: Spilophora.
- geophilus* Man, 1880a, 52, in moist soil; Holland.—1880: Plectus.
- georgiana* Stiles, 1907a, 9, t. h. *Homo*; Georgia.—1907: Agamofil. 1910: Fil.
- geotrupis* Linst., 1877a, 12, t. h. *Geotrupes strercorarius*; lng.—1877: Agamonematodum.
- geotrupis* Linst., 1896i, 375, t. h. *Geotrupis sylvaticus*; by Linst.—1896: Fil. 1916: Spiropt.
- gerlachei* Man, 1904a, 5, sur des algues d'eau douce, près du Cap Van Beneden.—1904: Mononchus. 1916: M. (Mononchus).
- germanica* Büetsch., 1874b, 284; Kieler Bucht.—1874: Chromadora.
- gestri* Cam., 1904, 93; Guatemala.—1904: Chord.
- gestri* Par., 1889c (1890), 768, t. h. *Tropidonotus quincunciatus*; Birmania.—1890: Asc.
- getula* Seur., 1915, 24, t. h. *Xerus getulus*; Maroc.—1915: Dermatoxys.
- getula* Seur., 1917, 215, t. h. *Mus rattus*; Dar M'tougui, Maroc.—1917: Physalopt.
- giardi* Cert, 1889, L 47; Tierra del Fuego.—1889: *Dorylaimus*.
- giardi* Maupas, 1915, 51 (1), in humus; Algeria.—1915: Rhabditis.
- giardi* Rouville, 1905a, 795, free; Cete.—1905: Spilophora.
- gibber* Ols., 1893a, 36, t. h. *Muræna anguilla*, etc.; Scandinavia.—1893: Echinor. [1907: Echinoma.]
- gibbosa* Rud., 1809a, 167, t. h. *Phasianus gallus*; by Zed.—1809: Asc. 1845: Asc. (Ascaridia). [1893: *Het. perspicillum*.]

- gibbosum* Leuck., 1886c, 743, t. h. *Cecidomyia pini*; by Leuck.—1886: *Asconema*, mt. 1887: *Atractonema*, type.
- gibbosus* Rud., 1809a, 292, t. h. *Cyclopterus lumpus*, *Trachinus draco*; by Rud.—1809: *Echinor*.
- gibbosus* Rud., 1819a, 639, t. h. *Scomber thynnus*; Brazil.—1819: *Trichoc*. [1851: *Onchophora*, type.]
- gibsoni* Cleland & Johnst., 1910, 173, t. h. *Bos taurus*; Queensland.—1910: *Fil*. 1910: *Fil*. (*Onchocerca*). 1911: *Onchocerca*. 1912: *Onchocera*.
- gibsoni* Stephens, 1909d, 315, t. h. *Homo*; Hong Kong.—1909: *Str*. 1912: *Nematodirus*.
- gigas* Roberts, 1888a, 801, for *gigas* 1802 (*Str*.).
- gigantea* Daday, 1897, 110, aquatic; Balaton.—1897: *Tripyla*.
- giganteus* Rud., 1808a, 324, for *gigas* 1802.—1808: *Str*.
- gigas* Bloch, 1782a, 26, t. h. *Sus scrofa dom.*; by Bloch.—1782: *Echinor*. 1892: *Gigantor*. 1908: *Gigantorhynchus*. 1915: *Echinorr*.
- gigas* Goeze, 1782a, 38, *lumbricoides* renamed.—1782: *Asc*.
- gigas* Goeze, 1782a, 143, t. h. swine, tame and wild; Europe.—1782: *Echinor*. [See *gigas* Bloch.]
- gigas* Prout, 1902a, 880, t. h. *Homo*; Moyamba, Sierra Leone, W. Africa.—1902: *Fil*. [1905: *An insect hair*.] 1913: *Microfil*.
- gigas* Rud., 1802d, 115, t. h. *Phoca vitulina*.—1802: *Str*. [1802: *Diectophyme*.] 1851: *Eustr. tsd*. 1894: *Diectophyme*, mt. 1902: *Eustrongilus*. 1903: *Strongolus*.
- gigas equi* Rud., 1809a, 125, for *equorum* t. h. *Equus*; Goeze, 1782a.—1809: *Asc*.
- gigas hominis* Rud., 1809a, 125, for *hominum*, t. h. *Homo*; Goeze, 1782a.—1809: *Asc*. [See *lumbricoides*.]
- gigas juvenilis* Kuech., 1855a, 464, s. *Spiropt. hominis*.—1855: *Str*.
- gigas pullus* Dies., 1851a, 223, based on *Brems*, 1819a, 226, s. *Spiropt. hominis*.—1851: *Str*.
- gigas suis* Rud., 1809a, 125, for *suum*, t. h. *Sus*; Goeze, 1782a.—1809: *Asc*.
- gigas vituli* Rud., 1809a, 125, for *vitulorum*, t. h. *Bos taurus*; Goeze, 1782a.—1809: *Asc*.
- giglio-tosi* Cam., 1908, 114; Purneah, N. Bengal.—1908: *Chord*.
- gilsoni* Stephens, 1909e, 126 misprint for *gibsoni* (*Str*.).
- giraffe* Dies., 1851a, 294, t. h. *Camelopardalis giraffa*; Cairo, Egypt.—1851: *Trichoc*. 1911: *Trichuris*.
- giraffe* Linst., 1878a, 55, t. h. *Camelopardalis giraffa*; by Pruner.—1878: *Nematoideum*.
- girardi* Lane, 1917, 758, t. h. *Hystrix bengalensis*; Zool. Gard. Calcutta.—1917: *Gireterakis*, tod.
- glaber* Bast., 1865c, 136, marine surface mud from estuary; Falmouth.—1865: *Oncholaemus*. 1890: *O*. (*Viscosia*).
- glandularis* Rud., 1819a, 36, t. h. *Vulpes*; Mus. Wien.—1819: *Str. vulpis*.
- glanidis (siluri)* Linst., 1880a, 53, for *siluri* 1878, t. h. *Silurus glanis*; Ing.—1880: *Asc*.
- glareolæ* Rud., 1819a, 55, t. h. *Glareola austriaca*; Rimini.—1819: *Asc*.
- globicaudatus* Schneid., 1866a, 54, marine; Helgoland.—1866: *Enoplus*. 1874: *Thora-cost*.
- globiceps* Man, 1880a, 15, in moist soil; Holland.—1880: *Microlaemus*, mt.
- globiceps* Rud., 1819a, 7, t. h. *Blennius phycis*, *Uranoscopus scaber*; Nap.—1819: *Fil*. 1861: *Ichthyonema*, probably type. 1916: *Philometra*, type.
- globicola* Fabr., 1780a, 268, t. h. *Gasterosteus aculeatus*; Greenland.—1780: *Gord*. 1790: *Asc*. [1801: *Ophiost*.] 1803: *Fus*. 1810: *Ophiost*.
- globicollis* Crep., 1829a, 41, t. h. *Larus maximus*; by Schill.—1829: *Echinor*.
- gobionis* Schrank, 1788a, 2, t. h. *Gobio*; Goeze, 1782a.—1788: *Fil*. 1790: *Asc*. 1803: *Fus*. [1809: *Fil. ovata*.]
- globocaudatus* Dies., 1853a, 34, t. h. *Geotrupes stercorarius*.—1853: *Mastophorus*.
- globocaudatus* Zed., 1800a, 123, t. h. *Stoeckle*; Germany.—1800: *Echinor*.
- globosa* Linst., 1879a, 175, t. h. *Fulica atra*; Ing.—1879: *Tropidocerca*. 1914: *Tetrameres*.
- globosus* Blainv., 1819, 209, for *globulosus* (*Echinor*.).
- globosus* Zed., 1800a, 92, t. h. *Salmo trutta*; by Zed.—1800: *Cucullanus*. 1845: *Dacnitis*. 1858: *Dacnitis*. 1916: *Bulbodaenitis*.
- globulosus* Linst., 1901c, 182, t. h. *Camelus dromedarius*; Mus. Frankfort.—1901: *Trichoc*. 1911: *Trichuris*.
- globulosus* Rud., 1802a, 49, t. h. eel; by Rud.—1802: *Echinor*.
- globulus* Linst., 1899b, 5, t. h. *Felis moormensis*; Sunda Isl.—1899: *Asc*. [1907: *Belasc*.]
- gleocapsarum* Carter, 1859b, 40, on *Gleocapsa*; on walls and gutters; Ils. of Bombay.—1859: *Urolabes*.
- glomerans* Bast., 1865c, 115, in mud; Falmouth, etc.—1865: *Tripyla*, *tsd*. [1865: *Tripula*, *tsd*.]

- glomeridis* Linst., 1885b, 243, t. h. *Glomeris limbata*; by Linst.—1885: Fil. 1916: Spiropt.
- glomeridis* Linst., 1885b, 246, t. h. *Glomeris limbata*; by Linst.—1885: Oxyuris.
- glophila* Ditlevsen, 1912, 222, misprint for *geophila* (*Spilophora*).
- glutinis* Müell., 1783, 162, quotes *Vibrio anguillula* pars and *Chaos redivivum*.—1783: Vibrio. 1786: *Anguillula*, tsd. 1786: *Vibrio anguillula*. 1815: Gord. 1845: *Rhabditis*.
- glutinosa* Chapais, 1909, 18, for *glutinis*?, in sour paste.—1909: *Anguillula*.
- glycirrhiza* Ben., 1873b, 13, t. h. *Rhinolopus ferrum-equinum*; Belgium.—1873: *Strongylacantha*, mt. [1878: *Doch.*] 1899: *Unc.*
- glycirrhiza* Cobbold, 1879b, 294, for *glycirrhiza* (*Strongylacantha*).
- glycirrhiza* Linst., 1878a, 11, for *glycirrhiza* (*Strongylacantha*).—1878: *Doch.*
- gobii* Rud., 1819a, 57, t. h. *Gobius joza*; C. E. V.—1819: *Asc.* 1851: *Nematoideum*.
- gobii* Viborg, 1795, 244 [nv.]; Rud., 1809a, 309; t. h. *Cottus gobio*.—1795: *Echinor.* 1809: *Echinor.*
- gobionis* Schrank, 1788a, 2, t. h. *Gobio*; Goeze, 1782a, 126.—1788: Fil. 1790: *Asc.* 1803: *Fus.*
- goidii* Steiner, 1914, 429; Switz.—1914: *Aphelenchus*.
- goidi* Blgr., 1917, 210, t. h. *Equus* cab.; Birmingham.—1917: *Cylichnost.*
- gomphoceri-biguttuli* Dies., 1851a, 97, t. h. *Oedypoda biguttula*; Austria.—1851: Fil. [1851: Gord. *cedypodæ-biguttulæ*.]
- gomphoceri-elegantis* Dies., 1851a, 111, t. h. *Gomphocerus elegans*; by Charpentier, based on Sieb., 1850.—1851: *Mermis*.
- gomphoceri-paralleli* Dies., 1851a, 97, t. h. *Oedypoda parallela*; Wien Mus.—1851: Fil. [1851: Gord. *cedypodæ-parallelæ*.]
- gomphoceri-viriduli* Dies., 1851a, 111, t. h. *Gomphocerus viridulus*; by Imhof; based on Sieb., 1850.—1851: *Mermis*.
- gordii* Dugl., 1895a, 518, s. *Seta equina*.—1895: *Helminthus*.
- gordii-aquatici* Rud., 1810a, 363.—1810: *Vermis* (*dubius*).
- gordioides* Ben., 1858a (1861a), 269, t. h. *Galeus canis*; lng.—1858: *Proleptus*.
- gordioides* Hartm., 1821a, 32 [nv.].—1821: *Lumbricus*.
- gordioides* Montg., 1898a, 49; S. Montana.—1898: *Chord.*
- gordius* Müell., 1786a, 60.—1786: *Vibrio*. 1828: *Amblyura*.
- göttigiana* Liebscher [nv.]; Nev.-Lem., 1913, 284, on plants; Gætt.—1913: *Heterodera*.
- gracile* Bast., 1865c, 145, marine; Falmouth.—1865: *Leptosomatum*.
- gracile* Leidy, 1850e (1904a), 100(36), *diesingii* 1838 renamed, t. h. *Blatta orientalis*; by Leidy.—1850: *Streptostoma*. [1850: *Aorurus*.] 1853: *Streptostomum*. 1879: *Oxyurus*.
- gracile* Leidy, 1856b, 52, t. h. *Emys serrata*.—1856: *Spironoura*,? type. 1861: *Spirura*.
- gracile* Linst., 1899b, 20, t. h. *Francolinus* sp.; Berl. Zool. Gard.—1899: *Oxysoma*. 1914: *Subulura*.
- gracile* Linst., 1900a, 128; Eismeer, nördlich Spitzbergen.—1900: *Anoplost*.
- gracile* Man, 1877a, 101.—1877: *Phanoderma*.
- gracile* Mol., 1858d, 156, t. h. *Gadus merlucius*; Padua.—1858: *Trichosomum* (*Thominx*). 1890: *Trichosoma*.
- gracilescens* Rud., 1809a, 248, t. h. *Phoca barbata*; by Fab.—1809: *Lior*.
- gracilescens* Rud., 1819a, 45, t. h. *Clupea sprattus*, *C. encrasicolus*; Italy.—1819: *Asc.*
- gracilicauda* Man, 1876a(b), 156(79).—1876: *Rhabditis*.
- gracilicauda* Man, 1893, 91.—1893: *Sphilophora*. 1917: *Spiliphora*.
- gracilicaudatus* Cobb, 1915, 41; Maple River, Mich.—1915: *Ethmolaimus*.
- gracilicaudatus* Cobb, 1917n, 438, in marshy ground; Arlington Farms, Va.—1917: *Mononchus* (*Anatonchus*).
- gracilis* Bast., 1865c, 99, in brackish water; Falmouth.—1865: *Trilobus*, tsd.
- gracilis* Bellingh., 1840a, 349, t. h. *Gadus merluccius*; Ireland.—1840: *Trichosoma*. [1915: *Cap.* (*Thominx*).]
- gracilis* Ben., 1871a, 28, t. h. *Mugil chelo*; Belgium.—1851: *Echinor*.
- gracilis* Büetsch., 1876a, 373, in Mist; lng.—1876: *Diplogaster*.
- gracilis* Cobb, 1888a, 30, free; Jena.—1888: *Tylenchus*. [1906: *T. cobbi*.]
- gracilis* Cobb, 1913, 443, aquatic; Potomac River, near Wash., D. C.; also Douglas Lake, Mich.—1913: *Chronogaster*, mt.
- gracilis* Daday, 1911, 487; [Vierwaldstätter-See].—1911: *Limnomermis*.
- gracilis* Daday, 1911, 508; [Vierwaldstätter-See].—1911: *Eumermis*.
- gracilis* Dies., 1838a, 189; 1839a, 225, t. h. *Sudis gigas*; Brazil.—1838 and 1839: *Cheiracanthus*. 1900: *Gnathost*.
- gracilis* Dies., 1851a, 231, t. h. *Vanellus melanogaster*; M. C. V.—1851: *Histioc*.
- gracilis* Eberth, 1863a, 34, marine; Nizza.—1863: *Enoplus*. 1865: *Cyatholaimus*.

- gracilis* Gendre, 1912, 24 (2) t. h. Buchananga atra assimilis, Oriolus auratus; Abomey.—1912: Disph. 1912: Acuaría (Acuaría).
- gracilis* Hamm., 1838a, 353, t. h. Melolontha fullo; by Hamm.—1838: Oxyuris. [1851: Aorurus.] 1851: Thelastoma. 1851: Anguillula. 1853: Thelastomum. 1861: Anguillula (Thelastoma).
- gracilis* Leuck., 1842a, 38, t. h. Myoxus glis; by Leuck.—1842: Str. 1861: Metastr. 1909: Heligmosomum.
- gracilis* Linst., 1876, 16, in Sande des Bodens des Ratzeburger-See.—1876: Diplo-laimus, mt.
- gracilis* Linst., 1883a, 294, t. h. Agama sanguinolenta; Turkestan.—1883: Het.
- gracilis* Linst., 1906, 247, t. h. Raupen; E. Java.—1906: Mermis.
- gracilis* Man, 1876a (b), 106 (29).—1876: Dorylaimus.
- gracilis* Man, 1876a, 172; Leiden, Middleburg, Walcheren.—1876: Bastiania, mt.
- gracilis* Man, 1876a, 179, free.—1876: Sphaerolaimus.
- gracilis* Man, 1877a, 105.—1877: Monhystera.
- gracilis* Man, 1880a, 71, in moist soil; Holland.—1880: Tylenchus.
- gracilis* Man., 1888a, 3, free; Walcheren.—1888: Halalaimus, mt.
- gracilis* McFadyean, 1896b, 320 t. h. Bos taurus; Eng.—1896: Str. 1912: Hæmon-chus.
- gracilis* Oerley, 1880a (b), 79 (67).—1880: Cephalobus.
- gracilis* Rud., 1809a, 57, t. h. Simia capucina; by Albers.—1809: Fil. 1815: Gord. (Fil.).
- gracilis* Rud., 1819a, 69, t. h. Coracias garrula; by Treutler.—1819: Echinor.
- gracilis* Rud., 1819a, 638, t. h. Cavia aguti; Brazil.—1819: Trichoc. 1916: Trichu-ris.
- gracilis* Rud., 1819a, 641, t. h. Bradypus tridactylus; Brazil.—1819: Spiropt. 1914: Physoc.
- gracilis* Scloththauber, 1860a, 127, t. h. Coronella lævis, Tropidonotus natrix.—1860: Oxyuris.
- gracilis* Stoss. in Shipley & Hornell, 1906a, 89, larva in Margaritifera vulg.; lng.—1906: Echinocephalus.
- gracilis* Villot, 1874a, 53, Ténériffe, Gaimard; Mus. Par.—1874: Gord.
- gracilis* Ward & Magath, 1917, 61, in black crappie, etc.; Fairport, Ia.—1917: Spini-tectus.
- gracilisensis* Van Cleave, 1913, 178, t. h. Dorosoma cepedianum; Illinois Riv., Ill.—1913: Neor. 1914: Eor. 1916: Neoechinor. 1919: Gracilisentis, tod.
- gracille* Trav., 1915, 154, for gracile Bellingh., 1840 (Trichosoma).—1915: Cap. (Tho-minx.).
- gracillima* Linst., 1890d, 184, t. h. Cobitis barbatula, etc.; lng.—1890: Asc.
- graciloides* Daday, 1908, 12; [Rikwa-See].—1908: Trilobus.
- graciloides* Steiner, 1914, 434; Bellinzona, Switz.—1914: Dorylaimus.
- graculæ-schreibersi* M. C. V. in Mol., 1860b, 946.—1860: Spiropt. [1860: S. unilatera-lis.]
- græcorum* Gruner, 1777a, 257, s. Vena medinensis, V. egrediens.—1777: Dracunculus.
- græcorum* Pall., (1760a) 1768a, 257 [not as sp. name but as so. Asc. Linn.].—1768: Asc.
- graminearum* Dies., 1851a, 132, graminis renamed.—1851: Anguillula.
- graminis* Dies., 1851a, 132, apparently for agrostis 1799.—1851: Vibrio.
- graminis* Hardy, 1850, 182; on Festuca ovina.—1850: Vibrio. 1909: Tylenchus.
- graminum* Cobb, 1893b, 266 (17), in grass; Australia.—1893: Diplogaster.
- grandipapillatus* Brakenhoff, 1914, 286; near Sandhatten.—1914: Trilobus.
- grandis* Steiner, 1914, 427.—1914: Tylencholaimus. 1914: Xiphinema.
- grandis* Van Cleave, 1916, 226, t. h. Quiscalus quiscula, Sturnella magna; U. S. A.—1916: Medior.
- granulatus* Cobb, 1913, 442, about roots of aquatic plants; Potomac River, Arlington, Va.—1913: Nannonchus, mt.
- granuliferus* Cobb, 1893b, 293 (44), about roots of banana plants; Fiji.—1893: Dory-laimus.
- granulosa* Linst., 1906, 168, t. h. Gallus gallinaceus; Colombo.—1906: Het. 1912: Ascaridia.
- granulosa* Linst., 1906, 256, t. h. Felis pardus; Mus. Koenigsb.—1906: Fil. 1911: Dirofil.
- granulosa* Rail. & Henry, 1912, 259, t. h. Testudo emys.—1912: Atractis dactyluris.
- granulosa* Schneid., 1866a, 32, t. h. Tachypetes aquilus; Brazil.—1866: Asc.
- granulosus* Bast., 1865c, 120, at roots of oats; Broadmoor, Berks.—1865: Plectus.
- granulosus* Cobb, 1893b, 300 (51), in roots stock of banana plants; Fiji.—1893: Tylen-chus.
- granulosus* Linst., 1897i, 31, t. h. Idolomorpha defoliator; Madagascar.—1897: Gord.
- grassi* R., H., & L., 1912, 395, misprint for grassii (Fil.).

- grassii* Noë, 1907, 806, t. h. *Canis* fam.—1907: Fil. 1912: *Acanthocheilonema*.
grassii Rail., 1893a, 571, t. h. *Canis* fam.; Sicily.—1893: *Echinor*.
gratianopolensis Charvet of Dies., 1851a, 106 in aqua fluviatili; prope Gratianopolim.—1851: Gord.
gratianopolensis Charvet of Schneid., 1866a, 181.—1866: Gord.
grayi Gemmill, 1901a, 691, t. h. Sea-urchin; Ing.—1901: *Echinonema*.
grayi Gemmill & Linst., 1902a, 113, t. h. *Echinus* escul.; Firth of Clyde.—1902: *Ichthyonema*.
greeffii Reinhardt, 1881, 591; Odessa.—1881: *Desmoscolex*.
griffini Cam., 1898, 74; Vera Cruz.—1898: Chord.
grimaldix Seur., 1915, 157, t. h. *Vulpes* atlantica; Algeria.—1915: *Habronema*.
grønlandicum Levinsen, 1882a, 132.—1882: *Chætosoma*.
groenlandicum Schep., 1907a, 160, for *grønlandicum* (*Chætosoma*).
grubii Bast., 1865c, 141; Ing.—1865: *Echelidium*.
grucilicauda Oerley, 1885, 47, misprint for *gracilicauda* (*Rhabditis*).
gruis Linst., 1875a, 197, t. h. *Grus* cinerea, *Ciconia* alba; Ing.—1875: Fil. 1916: *Spiropt*.
gruis Rud., 1819a, 78, t. h. *Ardea* grus; C. E. V.—1819: *Echinor*.
gruis-antigones Cobbold, 1861e, 124, t. h. *Grus* antigone; Ing.—1861: Fil.
gruveli Gendre, 1913, 87 (1), t. h. *Francolinus* bicalcaratus; Dahomey.—1913: *Disph*. 1913: *Acuaria*.
grylli Dies., 1851a, 95, t. h. *Gryllus* sp. incerta; by Holme.—1851: Gord.
grylli Gmel., 1790a, 3040, t. h. *Gryllus*; Gœze 1792a.—1790: Fil.
grylli-bordigalensis Dies., 1851a, 95, t. h. *Gryllus* bordigalensis; by Duf.—1851: Fil. 1851: Gord.
grylli-campestris Dies., 1851a, 95, t. h. *Gryllus* campestris; by E. Bl.—1851: Gord.
gryllotalpa Duf., 1837a, 8, t. h. *Gryllotalpa* vulg.; by Duf.—1846: *Oxyuris*. 1851: *Anguillula*. 1861: *Isacis*.
guatemalensis Linst., 1902a, 228, free; Guatemala.—1902: Gord.
guernei Certes, 1889, L48; Tierra del Fuego.—1889: *Eubostrichus*. 1914: *Criconema*, type. 1914: *Krikonema*. 1917: *Hoplolaimus*.
guiarti Garin, 1913, 75, t. h. *Leptonychotes* weddelli; S. Pole.—1913: *Physalopt*.
guignardi Maupas, 1900a, 522, in dirt from forest; Algeria.—1900: *Rhabditis*.
guineensis Dungal., 1893a, 440, so. medinensis.—1893: Fil. 1900: *Dracunculus*.
guiniensis Dungal., 1893, 1151, so. medinensis.—1893: *Vermis*. (See medinensis.)
gulonis Gmel., 1790a, 3032, t. h. *Gulo*; teste Redi.—1790: Asc.
gulonis Rud., 1810a, 374, t. h. *Gulo*; teste Pall.—1810: Asc.
gulonis-sibirici Dies., 1851a, 327, quotes Pall., 1780, 39.—1851: *Lumbricus*. [1851: *Eustr. gigas*.]
gulosus Rail. & Henry, 1910, 214, t. h. bœuf; Alfort, Sumatra.—1910: *Thelazia*.
gulosus Rud., 1819a, 40, t. h. *Testudo* tabulata; Berl.—1819: Asc. 1866: *Labiduris*, mt.
gurnardi Rathke [nv.]; Porta, 1905a, 171.—1905: *Echinor*.
gurneyi Potts, 1910, 441, in peaty soil; Norfolk, Eng.—1910: *Rhabditis*.
guttata Schneid., 1866a, 80, t. h. *Falco* borigera; Australia.—1866: Fil. 1915: *Serratospiculum*.
gutturosa Neum., 1910, 270, t. h. *Bos* taurus; Constantine.—1910: *Onchocerca*.
gymnolaimus Cobb, 1893b, 254 (5), in soil about roots of banana plants; Fiji.—1893: *Mononchus*. 1916: *Iotonchus*, tod.
gymnorhinæ Gilruth, Sweet, & Dodd, 1910, 236, t. h. *Gymnorhina* tibicen; Zool. Gard. Melbourne.—1910: *Microfil*.
gymnurus Rail., 1899d, 129, t. h. *Phoca* vitulina; Paris.—1899: *Pseudalium*.
gynecophila Dies., 1861a, 674, for *gynecophila* 1858.—1861: *Tropidocerca*. 1914: *Tetrameres*.
gynecophila Mol., 1858 (1859e), 298, t. h. *Ardea* nycticorax; Padua.—1858 (1859): *Tropidocerca*. [1914: *Tetrameres*.]
gypina Duj., 1845a, 194, t. h. *Vultur* cinereus, *V. fulvus*; Mus. Wien.—1845: Asc.
habena Lint., 1900a, 269, t. h. *Opsanus* tau; Woods Hole.—1900: Asc.
habiato-papillosa Linst., 1903t, 353, misprint for *labiato-papillosa* (Fil.).
hæmatica Leuck., 1867b, 102, t. h. *Canis* fam.; Gruby & Delafond.—1867: Fil.
hæmatica Schneid., 1866a, 87, t. h. *Canis* fam.; Ing.—1866: Fil. *papillosa*.
hæmatika Schneidem., 1896a, 307, for *hæmatica*.—1896: Fil. *papillosa*. [See *papillosa* h. *canis*-fam.]
hæmatica cameli Pricolo, 1913, 199, t. h. chameau; Tripoli.—1913: Fil.
hæmatica canis-domestici Gruby & Delafond, 1852a, 9.—1852: Fil. *papillosa*.
hæmatopodis Rud., 1819a, 670, t. h. *Hæmatopus* ostralegus; Brazil.—1819: *Echinor*.
hæmatopodis-ostralegi Crep., 1829a, 35, t. h. *Hæmatopus* ostralegus; by Crep.—1829: *Nematoideum*.
hæmisphæricus Linst., 1877a, 2, free; Ratzeburger-See.—1877: *Mitrephorus*, mt.

- hæmochrous* Crep., 1846, 130, t. h. *Falco peregrinus*.—1846: *Tetrameres*.
hæmonchus Am. Sheep Breeder, Chic., 1909, 516, for *Hæmonchus contortus*.—1909: Str.
hæmophila Linst., 1903t, 352, t. h. *Bos bubalus*; Malay Peninsula.—1903: Fil.
hæmorrhagica Rail., 1885a, 379, multipapillosa C. & D., not multipapilla Mol., renamed, t. h. *Equus* cab. (Hungarian); Condamine & Drouilly, 1878, 1144.—1885: Fil. 1916: *Setaria*. 1916: *Microfil*.
hæruæ Bosc, 1802a, 4, t. h. *Mus musculus*; Gœze.—1802: *Echinor*.
hæruca Lam., 1801a, 336, [t. h. *Mus musculus*; Gœze, see *muris* Schrank].—1801: *Echinor*. [See *Pseudoechinor*, *Cysticercus fasciolaris*, *Hæruca*.]
hæruca Pall., (1760) [nv.]; 1766a, 415, *Fasc. barbata* in *Rana* and fish, renamed; Rud., 1802a, 56 in *Rana*.—1766: *Tænia*. 1802: *Echinor*. [See *Pseudoechinor*, *Hærucula*, *Tæniola*.]
haje Wedl, 1861b, 472, t. h. *Uræus haje*; Egypt.—1861: Fil.
halecis Bischoff, 1840a, 242, misprint for *halecis* (*Capsularia*).
halecis Fabr., 1794, 33, in herring; Copenhagen.—1794: *Cucullanus*. [See *halecis* Gmel., 1790.]
halecis Gmel., 1790a, 3037, s. *harengum*, in *halecis vesiculis seminalibus*; Bloch.—1790: Asc. 1800: *Capsularia*. [1802: Fil. by Rud. 1802. 1794: *Cucullanus*. 1809: Fil. *capsularia*.]
haliaëti Rud., 1819a, 76, t. h. *Falco haliaëtus*; C. E. V.—1819: *Echinor*.
halicaris Linst., 1907, 345, for *halicoris* Owen (Asc.).
halicoris Owen, 1833a, 121, hng. & lng. [*Halicore*].—1833: Asc.
halleri Fuchs, 1915, 158, t. h. *Ips typographus*.—1915: *Rhabditolaimus*.
hamanni Linst., 1892h (i), 68 (10), t. h. *Stenor. leptonyx*; S. Georgien.—1892: *Echinor*. 1907: *Corynosoma*.
hamata Crep., 1846a, 138, t. h. *Colymbus cristatus*; by Mehl.—1846: *Spiropt*.
hamata Linst., 1877a, 11, t. h. *Falco nisus*; lng.—1877: Fil. 1891: *Disph.* 1912: *Acuaria* (*Synhimantus*).
hamata Linst., 1879b, 331, t. h. *Myopotamus coypus*; Stuttgart Mus.—1879: *Oxyuris*.
hamata Simonds, 1863, 600, t. h. *Ovis aries*; Eng.—1863: Fil. 1894: Str.
hamata Trav., 1914, 326, t. h. *Didelphis aurita*; Rio de Jan.—1914: *Viannaia*.
hamatus Linst., 1897i, 33 t. h. *Potamochoerus edwardsii*; Madagascar.—1897: *Echinor*. [Gigantor.] 1908: *Gigantor*.
hamatus Roemer, 1895b, 801; Gaboon, Sibangafarm, W. Africa.—1895: Chord.
hamia Lane, 1914, 662, t. h. domestic fowl; Berhampore, Bengal.—1914: *Ascaridia*.
hamulus Linst., 1906, 251, t. h. *Pavo spicifer*; Zool. Mus. Koenigsb.—1906: Het.
hamulata Natterer [nv.]: Bail., 1866b, 45, apparently for *hamulosa*.—1866: *Spiropt*.
hamulatus Leidy, 1856b, 48, *emydis* renamed, t. h. *Emys geographica*, etc.; apparently Phila.—1856: *Echinor*.
hamulosa Dies., 1851a, 217, t. h. *Phasianus gallus*; Brazil.—1851: *Spiropt*. 1861: *Cheilospirura*, tsd. 1890: *Disph.* 1896: Fil. 1911: *Acuaria*. 1912: *Acuaria* (*Cheilospirura*).
harangum Herbst, 1787a, 23, for *harengum* (Gord.).
harengum Bloch, 1782a, 33, t. h. herring.—1782: Gord. 1788: Asc. [1809: Fil. *capsularia*. 1851: A. *clupearum*.]
harkeri Stœdter, 1901a, 72, t. h. *Bos taurus*; Eng.—1901: Str.
harpali-ænei Dies., 1851a, 91, t. h. *Harpalus æneus*; Middlesex.—1851: Fil. 1851: Gord.
harpali-azurei Dies., 1851a, 91, t. h. *Harpalus azureus*; Kirby & Spence.—1851: Fil. 1851: Gord.
harpali-binotati Dies., 1851a, 91, t. h. *Harpalus binotatus*; Middlesex.—1851: Fil. 1851: Gord.
harpali-ruficornis Dies., 1851a, 92, t. h. *Harpalus ruficornis*; Middlesex.—1851: Fil. 1851: Gord.
hartingii Man, 1880a, 93, in moist soil; Holland.—1880: *Dorylaimus*.
hastatus Linst., 1905cc, 274, t. h. *Tetrao tetrax*; lng.—1905: Str.
havensteinii Kühn, 1881 (nv.).—1881: *Tylenchus*.
havensteinii Cobb, 1893b, 300 (51) for *havensteinii* (*Tylenchus*).
hawaiiensis Cobb, 1906, 164, about roots of diseased cane; Hilo.—1906: *Dorylaimus*.
hawaiiensis Cobb, 1906, 165, about roots of diseased cane; Hilo, H. I.—1906: *Cephalobus*.
hawaiiensis Cobb, 1906, 165; Hilo, H. I.—1906; *Prismatolaimus*.
hawaiiensis Cobb, 1906, 184; about roots of diseased cane; Hawaii.—1906: *Plectus*.
hawkeri Cam., 1902a, 1, in water; Suda.—1902: Chord.
hebetata Cobbold, 1873m, 676, t. h. Crested seal; Liverpool?—1873: Fil.
hederi Stefanski, 1916 [nv.].—1916: *Criconema*. 1917: *Hoplolaimus*.
helecina Leidy, 1886e, 310, for *helicina* (Fil.).

- helicina* Mol., 1858c, 391, t. h. *Plotus anHINGA*; Brazil.—1858: Fil.
helicina Mol., 1860e, 337, t. h. *Crocodilus acutus*; M. C. V.—1860: Asc. 1916: *Trispiculasc.*, tod.
helicina Mol., 1860b, 948 (40), t. h. *Alcedo americana*, etc.; Brazil.—1860: Spiropt. 1910: *Pelecitus*, tod.
helicis Conte & Bonnet, 1903a, 198, t. h. *Helix aspersa*; Lyon.—1903: Angiost.
helix Linst., 1899b, 16, t. h. *Fulica atra*; Emden.—1899: Spiropt.
hellichi Sramek, 1901a, 95, t. h. *Barbus fluv.*, *Squalius dobula*; Podiebrad, Böhmen.—1901: Fil.
helophilus Man. 1880a, 68, in moist soil; Holland.—1880: *Aphelenchus*.
helopsis Pall, 1813, 102 [nv.]; Duj., 1845a, 192; t. h. *Acipenser helops*.—1813: Asc. 1845: Asc.
helvetica Daday, 1911, 495, *Vierwaldstätter-See*.—1911: *Bathymermis*.
helvetica Steiner, 1914, 421; *Vierwaldstätter-See*.—1914: *Monohystera*.
helvetica Steiner, 1914, 431; Switz.—1914: *Dorylaimus vesuvianus*.
helveticus Daday, 1911, 502; *Vierwaldstätter-See*, etc., Switz.—1911: *Ironus*.
helveticus Hofmæn. in Hofmæn. & Menz., 1914, 10; lac Léman, etc., Switz.—1914: *Trilobus*.
hemicolor Cobbold, 1876, 294, t. h. *Pithecia leucocephala*; Zoc.—1876: Str.
hemicycla Mol., 1858c, 377, t. h. *Psittacus menstruus*; Matogrosso, Brazil.—1858: Fil.
hemignathi Shipley, 1896c, 207, t. h. *Hemignathus procerus*; Kauai, Sandwich IIs.—1896: *Arhynchus*, mt. 1899: *Aporor.*, mt. 1905: *Neor*.
hemorrhagica Hobday, 1898b, 266, for *hæmorrhagica* (Fil.).
henryi (Skrj.), 1915, 698, t. h. *Vanellus cristatus*; Turkestan.—1915: *Amidost*.
hepatica Cobbold, 1873c, 92, t. h. *Canis fam.*; by Mather.—1873: Fil.
hepatica Linn., 1758a, 648, t. h. *Ovis aries*; Europe.—1758: Fasc. 1910: Fil. [lapsus for *Fasciola h.*].
hepatica n. sp. Linst., 1898c, 283, t. h. *Pteropus neohibernicus*; Ralum.—1898: Fil.
hepatica Mol., 1858c, 419, t. h. *Jaccus* (*Hepale*) *chrysopygus*; Ypanema.—1858: Fil. *jacchi-chrysopygi*.
hepaticola Linst., 1901e, 278, t. h. *Gadus callarias*; Weisses Meer; Petrograd Mus.—1901: *Echinor*.
hepaticum de Gasperi, 1913, 642, t. h. chimpanzee; Paris.—1913: *Trichosoma*.
hepaticus Bancroft, 1893a, 86, t. h. common rat (Mus); N. S. W.—1893: *Trichoc*. 1898: *Trichosomum*. 1901: *Trichosoma*. 1915: Cap. 1916: *Hepaticola*, tod.
hepaticus Mol., 1858d, 141, t. h. *Garrulus pica*; Padua.—1858: *Echinor*.
hepioli-humuli Dies., 1851a, 103, t. h. *Hepiolus humulus*; Coll. Hope.—1851: Fil. 1851: *Gord*.
herculeus [nv.]; Bosanquet, 1894a, 421.—1894: *Lumbricus*.
heringi Linst., 1879b, 320, t. h. *Myrmecophaga jubata*; by Hering.—1879: Asc.
hermaphrodita Frœl., 1789a, 151, t. h. [*Psittacus æstivus*; by Frœl.].—1789: Asc. 1916: *Ascaridia*.
hermaphroditus Schneid., 1859a, 177, t. h. *Arion empiricorum*.—1859: *Pelodytes*.
herpeticus Roger, 1907h, 389 [nv.]; 1908a, 184; in horse; Oran.—1907: Fil.
heruca Kœhler, 1887c, 1192, for *hæruca* (*Echinor*).
heruca Scop., 1777, 383.—1777: *Tenia*. [1777: *Heruca*.]
hessi Steiner, 1914, 267; Switz.—1914: *Bunonema*.
hessi Steiner, 1914, 423; La Ciburgh, Switz.—1914: *Diplogaster*.
heteracanthus Linst., 1896a, 13, t. h. *Atherinichthys microlepidotus*; Coll. Mich.—1896: *Echinor*. [1907: *Echinoma*.]
heterocephalus Cobb, 1914, 38, fresh water; Wyoming & Florida.—1914: *Dolichodorus*, mt.
heterocercus Nitzsch in Gieb., 1857a, 267, t. h. *Strix aluco*; Germany.—1857: *Echinor*.
heterochrous Rud., 1802a, 36, t. h. *Pleuronectes flesus*; Greifsw.—1802: *Cucullanus*. 1858: *Dacnitis*.
heteroclita Mol., 1860b, 944, t. h. *Crax urumutum*; Brazil.—1860: Spiropt. 1904: *Oxyspirura*.
heterodera Chapais, 1909, 17.—1909: *Anguillula*.
heterogamizæ Galeb, 1878b, 295 (13), t. h. *Heterogamia ægyptiaca*; Egypt.—1878: *Oxyuris*.
heterotira Crep., 1829b, 20, apparently misprint for *heteroura*, in *Charadrius pluvialis*; by Crep.—1829: Asc.
heterolobus Dies., 1838a, 189, t. h. *Manatus australis*; Brazil.—1838: *Loboc.*, mt. [1839: *Heterocheilus*, type.]
heteroptera Dies., 1851a, 175, t. h. *Ibis albicollis*, *I. nudifrons*; Brazil, M. C. V.—1851: Asc.
heterorhynchus Par., 1887b, 367 (95), t. h. *Coluber viridiflavus*; Karalis.—1887: *Echino r*

- heteroura* Mehl., 1831a, 90, cf. *heteroiira*, f. h. *Charadrius pluvialis*; by Crep.—1829: Asc.
- heterurus* Cobb, 1914, 100 (66), fresh water pond; near Ocala, Fla.—1914: *Oncholaimellus*.
- heterurus* Oerley, 1880a (b), 85 (77).—1880: *Rhabditis*.
- hexacanthum* Wedl, 1856a, 52, new name for *tetracanthum*.—1856: *Sclerost*.
- [*hexacanthus* Duj., 1845a, 497, t. h. *Mugil labeo*; Rennes.—1845: *Echinor*.
- hians* Duj., 1845a, 270, t. h. *Muraena conger*; Rennes.—1845: *Dacnitis*. 1887: *Het*.
- hibernicum* Southern, 1914a, 59; Clew Bay.—1914: *Chaetosoma*.
- hilgeri* Seur., 1914, 755, t. h. *Ctenodactylus gundi*; Bou-Saâda.—1914: *Oxyuris*. 1916: *Syphacia*.
- hippocampi* Rud., 1819a, 56, t. h. *Syngnathus hippocampus*; Rimini.—1819: Asc.
- hippopotami* Leiper, 1910, 234, t. h. *Hippopotamus*; Victoria Nile.—1910: Fil.
- hippuris* Zed., 1803a, 160, t. h. *Coryphæn. hippur*; quotes Bosc & Rud.—1803: *Echinor*.
- hipsirhinæ* Chatin, 1876a, 803, t. h. *Hipsirhina bocourti*; Cochinchina.—1876: *Hedruris*.
- hirci* Gmel., 1790a, 3032, in *hirci intestinis*, Darm eines africanischen Bocks; teste Gœze.—1790: Asc. 1803: Fus. [1809: *Nematoideum antilopes*.]
- hirsuta* Ben., 1871a, 70, t. h. *Osmerus eperlanus*; Belgium.—1871: Asc.
- hirsutus* Bast., 1865c, 154; Falmouth.—1865: *Linhomœus*, tsd. 1907: L. (*Linhomœus*).
- hirsutus* Bast., 1865c, 157, in marine mud; Falmouth.—1865: *Sphærolaimus*, mt.
- hirsutus* Cobb, 1894c, 413; Bay of Naples.—1894: *Synonchus*.
- hirtum* Mar., 1870a, 22; Frioul, etc.—1870: *Enoplost.*, ?type.
- hirudinaceus* Pall., 1781a, 107, t. h. *Sus scrofa dom.*; Europe.—1781: *Tænia*. 1893: Gigantor. [1904: *Echinor*.] 1908: *Echinor*. 1913: Gigantor.
- hirudinum* Marval, 1905a, 362, for *hirudinum* (*Echinor*).
- hirudinacea* Dies., 1851a, 320, for *hirudinaceus* Pall., 1781.—1851: *Tænia*. 1904: *Echinor*. 1908: Gigantor.
- hirundinæ* Trav., 1915, 159 for *hirundinis* Rud., 1819a (*Trichosoma*).—1915: Cap.
- hirundinis* Rud., 1819a, 15, t. h. *Hirundo rustica*; C. E. V.—1819: *Trichosoma*. [1915: Cap.]
- hirundinis-apodis* Crep., 1829b, 34, t. h. *Hirundo apus*; by Crep.—1829: *Nematoideum*.
- hirundinum* Rud., 1819a, 77, t. h. *Hirundo apus*, *H. rustica*; C. E. V.—1819: *Echinor*.
- hispida* Schlotthauer, 1860a, 126, t. h. *Anas boschas fera*; by Schlotth.—1860: *Spiropt*.
- hispidum* Fedtsch., 1872a [nv.].—1872: *Gnathost*. 1882: *Cheiracanthus*. 1893: *Cheirapthus*.
- hispidum suis* Csokor, 1882a, 1, in swine; Austria.—1882: *Gnathost*.
- hispidus* Linst., 1906, 243, t. h. *Thamnotrizon apteri*; Tirol.—1906: Gord.
- [*hispidus* A. Schneid., 1875f, 514, t. h. *Lithobius forcipatus*; Ing.—1875: *Echinocephalus*.]
- histrix* Cobb, 1898a (b), 315 (20).—1898: Xyo, mt. 1912: *Hystriognathus*.
- hæmorrhagica* Assenova, 1899, 103, for *hæmorrhagica* (Fil.).
- hoffmanni* Menz. in Hofmæn. & Menz., 1914, 88, in Moospolstern und an Graswurzeln; Rhætikon, Tessin, Kalkalpen.—1914: *Dorylaimus*.
- hoffmanni* Zed., 1800a, 23, t. h. Darboth; Holland.—1800: Fus. [1802: Asc. *collaris*.] 1803: Fus. [1809: Asc. *collaris*.]
- holoptera* Rud., 1819a, 53, t. h. *Testudo myda*; Mus. Wien.—1819: Asc.
- hominis* Babès, 1879a, 554, t. h. *Homo*; Budapest.—1879: Fil. *peritonei*. 1880: F. *peritonei*.
- hominis* Cobbold, 1866a, 7, for *hominis* (*viscerum*).—1866: *Nematoideum*. [1866: *Pentast. constrictum*.]
- hominis* Dies., 1851a, 279, for *hominis bronchialis* (Fil.).
- hominis* Dies., 1851a, 329, t. h. *Homo*; by de Gland, 1823.—[1823: Gord. *aquaticus*.] 1851: *Nematoideum*.
- hominis* Gerv. & Ben., 1859b, 145, t. h. *Homo*.—1859: Fil. *bronchialis*. 1882: F. *bronchialis*.
- hominis* Kræmer, 1853a, 294.—1853: *Trichina spiralis*.
- hominis* Kûech., 1856c, 85.—1856: *Oxyuris vermicularis*.
- hominis* Lancet, Lond., 1872, 310, t. h. *Homo*; Calcutta.—1872: Fil. *sanguinis*. 1889: F. *sanguis*.
- hominis* Leuck., 1876a, 729, t. h. *Homo*; Lambl, 1859a, (Prag).—1876: *Echinor*.
- hominis* Lutz, 1887a, 48, *strongyloides* Leuck. renamed.—1887: *Rhabdonema*.
- hominis* Magal., 1892h, 513, see *magalhæsi*.—1892: Fil. *sanguinis*.
- hominis* Oken, 1815a, 197, t. h. *Homo*; Journ. d. Physique.—1815: *Ophiost*.
- hominis* Pœppel, 1897a, 10, for *duodenale*.—1897: *Doch. duodenalis*. [1898: *Ankylostoma*.] [1898: *Ancylostoma*.] 1904: Unc.

- hominis* [Pöppel] Leichtenstern, 1898d, 980, for duodenale.—1898: *Ankylostoma* [1898: *Ancylostoma*.] 1904: Unc.
- hominis* Rud., 1809a, 124, for hominum, t. h. Homo; Europe.—1809: *Asc. lumbricoides*. 1809: *Asc. gigas*.
- hominis* Rud., 1809a, 124.—1809: *Lumbricus teres*.
- hominis* Rud., 1819a, 27, t. h. Homo; Eng.—1819: *Spiropt.* 1866: *Speropt.*
- hominis* Schrank, 1788a, 4, t. h. Homo; Goeze, 1782a.—1788: *Trichoc. type.* 1791: *Trichuris.* [1782: *Trichocephalos, type.*] 1801: *Trichoc. type.* 1801: *Tricoc.* 1803: *Mastigodes, type.* 1853: *Trichocephalos.*
- hominis* Vaull., 1901a, 129, for humani.—1901: *Fil. oculi.*
- hominis ægyptiaca* Sons., 1874 or 1875 [nv.]; in Fayrer, 1876a, 284; t. h. Homo; Egypt.—1874 or 1875: *Fil. sanguinis.*
- hominis bancrofti* Author?; Stiles, 1907b, 44.—1907: *Fil. sanguinis.*
- hominis bronchialis* Rud., 1819a, 7, lymphatica renamed, t. h. Homo.—1819: *Fil. hominis bronchialis* Cast. & Chalm., 1910, 1186, for h. bronchialis (*Fil.*).
- hominis diurna* Mans., 1891f, 734, see diurna.—1891: *Fil. sanguinis.*
- hominis ægyptiaca* Fayrer, 1876, 552; 1879b, 189; see s. h. ægyptiaca.—1876: *Fil. sanguinis.*
- hominis intestinalis* Leichtenstern, 1886c, 238, for *Ancylost. duodenale*.—1886: *Str.*
- hominis major* Mans., 1891b, 4. See *sanguinis hominis major* (*Fil.*).
- hominis minor* Mans., 1891b, 4. See *sanguinis hominis minor* (*Fil.*).
- hominis nocturna* Mans., 1891f, 734. See *nocturna*.—1891: *Fil. sanguinis.*
- hominis nocturnæ.* See *sanguinis hominis nocturnæ* (*Fil.*).
- hominis nocturnus* Johnstone, 1903a, 34. See *sanguinis hominis nocturnus* (*Fil.*).
- hominis oris* Leidy, 1850f, 117, t. h. Homo; Phil. Acad., U. S. A.—1850: *Fil.* 1913: *Fil. sanguinis.* 1916: *Agamomermis.* 1916: *Mermis.*
- hominis ovis* Daniels, 1914, 273, misprint for *hominis oris* (*Fil.*).
- hominis perstans* Mans., 1891f, 734. See *perstans*.—1891: *Fil. sanguinis.*
- hominis sanguinis* Ijima, 1889b, 350, for *sanguinis hominis* (*Fil.*).
- hominis (ventriculi)* Dies., 1851a, 329, t. h. Homo; by De Gland, 1823.—[1823: *Gord. aquaticus.*] 1851: *Nematoideum.*
- hominis (viscerum)* Dies., 1851a, 329, t. h. Homo æthiopicus; by Pruner.—1851: *Nematoideum.*
- hominum* Goeze, 1782a, 65, *lumbricoides* 1758 renamed, t. h. Homo; Europe.—1782: *Asc.* 1800: *Fus. lumbricoides.*
- hominum* Hall, 1885a, 40 for *hominis*.—1885: *Fil. sanguinis.*
- hominus* A., D., & E., 1901b, 12, for *hominis* 1879.—1901: *Fil. peritonei.*
- hopkeni* Leiper, 1910, 233, t. h. Hippopotamus; Victoria Nile.—1910: *Nematodirus.*
- hordei* Schøyen, 1885a, 1, forming nodules on roots; Jotunheim.—1885: *Tylenchus.*
- horrida* Dies., 1851a, 278, t. h. Rhea americana; Brazil.—1851: *Fil.* 1861: *Dicheilonema.* 1917: *Contortospiculum, tod.*
- horridus* Leidy, 1856b (1904a), 53 (99), t. h. Alligator mississippiensis; Georgia.—1856: *Cheiracanthus.* 1900: *Gnathost.*
- horridus* Linst., 1876a, 6, t. h. Anas ferina; lug.—1876: *Acanthophorus.*
- horridus* Linst., 1898c, 290, t. h. Sauropatis sancta; Ralum.—1898: *Echinor.* 1913: *Chentrosoma.*
- horridus* Lühe, 1912, 278.—1912: *Rhadinor.*
- horridus* Rud., 1809a, 35, t. h. Scolopax gallinula; Greifsw.—1809: *Str.* 1851: *Spiropt.*
- horsti* Cam., 1897a, 3; Borneo.—1897: *Gord.*
- hominis sanguinis nocturna* (Mans., 1891) Daniels, 1904, 16, for s. hominis n.—1904: *Fil.*
- hospes* Linst., 1882a, 16, t. h. Armadillo vulg., etc.—1882: *Agamonematodum.*
- houbara* Dies., 1851a, 321, t. h. Otis houbara; Offenbach, Meyer, 1831, 407.—1851: *Str.*
- humana* Chiaje, (1844a), 112, t. h. Homo [nv.].—1844: *Spiropt.*
- humana* Knox, 1843a, 805, so. *Trichina spiralis*.—1843: *Vibrio.*
- humani* La Clínica de Málaga, 1883, 309 for *hominis*.—1883: *Fil.*
- humani* Nordm., 1832a, 7, t. h. Homo; Berl.—1832: *Fil. oculi.* 1896: *Fil. okuli.*
- humilis* Leidy, 1856b, 51, t. h. Tropidonotus sirtalis; [U. S. A.]—1856: *Asc.*
- lumbricoides* Braun, 1883a, 147, misprint for *lumbricoides* (*Asc.*).
- husonis* Rud., 1819a, 78, t. h. Acipenser huso; C. E. V.—1819: *Echinor.*
- hyacinthi* Prilleux, 1881, 258, in *Jacinthe romaine*; France.—1881: *Tylenchus.*
- hyalina* Linst., 1890d, 182, t. h. Sorex vulg.; by Linst.—1890: *Fil.*
- hyalina* Linst., 1891, 245, t. h. Hyalina cellaria; Germany.—1891: *Mermis.*
- hyans* Mol., 1861c, 309, for hians (*Dacnitis*).
- hydri* Rud., 1819a, 21, t. h. Hydrus caspius; C. E. V.—1819: *Cucullanus.*

- hydrobii* Galeb, 1878b, 297 (15), t. h. *Hydrobus fuscipes*; ?Europe.—1878: *Oxyuris* (*Helicotherix*).
- hydrocheri* Trav., 1914, 326, t. h. *Hydrocherus capibara*; Estado do Rio.—1914: Viannaia.
- hydrochæri* Trav., 1916, 314, t. h. *Hydrochærus capibara*; Rio de Janeiro.—1916: Cap. (Thominx).
- hydroi* Galeb, 1878b, 297 (15), t. h. *Hydrous caraboides*; Ing.—1878: *Oxyuris* (*Helicotherix*).
- hydrophili* Dies., 1851a, 92, t. h. *Hydrophilus* sp.; by Deslgch.—1851: Gord.
- hylobii* Galeb, 1878b, 297 (15), t. h. *Hydrophilus piceus*; Ing.—1878: *Oxyuris* (*Helicotherix*).
- hylæ* Johnst., 1914, 83, t. h. *Hyla cærulea*; Australia.—1914: *Echinor*.
- hylobii* Fuchs, 1915, 195, t. h. *Hylobius*.—1915: *Diplogaster*.
- hylotrupes-bajuli* Dies., 1851a, 93, t. h. *Hylotrupes bajulus*; Austria.—1851: Fil. 1851: Gord.
- hypostomun* Bail., 1866b, 23, misprint for *hypostomum* (*Sclerost*).
- hypostomus* Rud., 1819a, 33, t. h. *Antilope rupicapra*; Mus. Wien.—1819: Str. 1845: *Sclerost*. 1851: *Doch*. 1911: *Chabertia*.
- hystrichis* Mol., 1860b, 975, for *hystricis* (*Spiropt*).
- hystricis* Rud., 1809a, 243, t. h. *Hystrix*; Redi, 136.—1809: Str. 1819: *Spiropt*.
- hystricis-prehensilis* M. C. V. in Mol., 1858c, 382, t. h. *Hystrix* (*Cercolabes*) *prehensilis*; Villa Maria.—1858: Fil.
- hystrix* Brems. in Rud., 1819a, 75, t. h. *Pelecanus carbo*; Mus. Wien.—1819: *Echinor*. [1904: *Corynosoma*.] 1908: *Corynosoma*.
- hystrix* Johnst., 1912, 75, for *hystrix* Cobb, 1898.—1912: Xyo. 1912: *Hystrignathus*.
- hystrix* Dies., 1851a, 188, t. h. *Podocnemis erythroc*; Marabitanos.—1851: Asc. 1910: *Atractis*.
- hystrix* Mol., 1858c, 408, t. h. *Strix flammea*; Ypanema.—1858: Fil.
- hystrix tunitæ* Weiss, 1914, 120, t. h. *Sula bassana*; Isle de Djerba [nv.].—1914: *Corynosoma*.
- iacchi* Stoss., 1896a, 68 (62), for *jacchi* (Asc.).
- ibidis* Eberth, 1863a, 48.—1863: *Trichosoma*.
- ibis* Mol., 1860b, 984, t. h. *Ibis rubra*; Brazil.—1860: *Spiropt*.
- ichthyuris* Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: *Dorylaimus*.
- icosiensis* Maupas, 1916, 607, free & in coprophagous coleopt.; Alger.—1916: *Rhabditis*.
- icosiensis* Seur., 1917, 354.—1917: *Strongyluris*.
- icteri-pyrrhopteri* (*abdominalis*) Mol., 1858c, 423, t. h. *Icterus pyrrhopt*; Brazil.—1858: Fil.
- idbari* Gmel., 1790a, 3050, t. h. [*Cyprinus idbarus*]; Müell.—1790: *Echinor*.
- identatus* Leneveu, 1915, 593, for *edentatus* (Str.).
- ignavus* Bast., 1865c, 104, aquatic; Easthampstead Plain & Sandhurst.—1865: *Ironus*, mt.
- ignavus brevicaudatus* Brakenhoff, 1914, 282, for *ignavus* of de Man; Holland.—1914: *Ironus*.
- ignavus typicus* Brakenhoff, 1914, 281, for *ignavus* of Bast.; Eng.—1914: *Ironus*.
- ignotus* Jægers., 1909, 2, t. h. *Ardea cocoi*, etc.; Berl. & Wien Mus.—1909: *Eustrongylides*.
- iguanae* Smith, A. J., 1908a, 269, t. h. *Cyclura nubila*; from Cuba.—1908: *Spiropt*.
- iminitis* Fayrer, 1879b, 222, misprint for *immitis* (Fil.).
- immitis* Weidman, 1912, 39, misprint for *immitis* (Fil.).
- immitis* Leidy, 1904a, 157, misprint for *immitis* (Fil.).
- immitis* Leidy, 1856b, 55, t. h. *Canis* fam.; [U. S. A.].—1856: Fil. 1875: *Spiropt*. 1886: Fil. *sanguinis*. 1911: *Dirofil.*, tod. 1914: *Microfil.*
- immutatum* Ward & Magath, 1917, 61, t. h. *Amia calva*; Fairport, Ia.—1917: *Haplonema*, tod.
- imbricata* Mol., 1860b, 972, t. h. *Tantulus loculator*; Brazil.—1860: *Spiropt*.
- impar* Cobb, 1915, 111, in rotting wood of red oak; Wash., D. C.—1915: *Bunonema*.
- impar* Savelev, 1912, 119, Strandzone; Catharinahafen.—1912: *Axonolaimus*.
- impar* Schneid., 1866a, 106, t. h. *Osmerus eperlanus*.—1866: *Ancyracanthus*. 1916: *Cystidicola*.
- impatiens* Cobb, 1888a, 32, free; Kunitz, Jena.—1888: *Spilophora*.
- imperatoris* d'Herelle & Seidlin, 1909, 409, t. h. *Boa imperatoris*; Yucatan.—1909: Fil. [1909: *Microfil.*]
- imperfectus* Büetsch, 1876a, 363, in faulenden Pilzen; Ing.—1876: *Tylenchus*.
- impetiosa* Cobb, 1906, 186, about the roots of diseased cane; Hawaii.—1906: *Monhystera*.
- implicata* Corti, 1906, 627, n. n. for *Paramermis contorta* Linst. of Kuhn.—1906: *Hydromermis*.

- impressus* Schneid., 1866a, 179; probably Berl.—1866: Gord.
impudicus Dies., 1851a, 29, t. h. *Doras niger*; Brazil.—1851: Echinor. [1907: *Chentrosoma*, ? type.]
inequalis Bast., 1865c, 166, marine surface mud; Falmouth.—1865: *Spiliphora*. 1874: *Spilophora*. 1888: *Hypodontolaimus*, tsd.
inequalis Müell., 1776a, 216.—1776: *Lumbricus*.
inequalis Rud., 1809a, 261, t. h. *Falco buteo*; by Jurine.—1809: Echinor.
inarmense Panceri, 1878, 7, marine.—1878: *Tristichæta*, mt.
incerta Smith, A. J., 1908b, 269 (21), t. h. *parrakeets*, etc.; Phila. Zoo.—1908: *Spiropt*.
incertum Sons., 1896m, 440, t. h. *Equus cab.*; Zagazig.—1896: *Anchylostomum*. [1896: *Ancylostoma*.] 1897: *Ankylostomum*. 1898: *Ankylostomum*. 1911: *Ankylostoma*.
incertus Villot, 1874a, 53, *Tasmania*; Mus. Paris.—1874: Gord.
incisa Rud., 1802a, 20, t. h. *Talpa europæa*; by Rud.—1802: Asc. 1803: Fus. 1809: Asc.
incisus Southern, 1914a, 17; Clew Bay.—1914: *Dipletis*.
incofnita Kofoid & White, 1919, 567, t. h. *Homo*: U. S. A.—1919: *Oxyuris*.
incoluta Müell., 1897a, 6, misprint for *involuta* (Fil.).
incrassata Mol., 1858d, 146, t. h. *Trygon bruchio*; Padua.—1858: Asc.
incrassata Mol., 1858c, 389, t. h. *Bradypus tridactylus*, *Nasua narica*; Rio negro, Brazil.—1858: Fil.
incrassatum Dies., 1851a, 257, *exilis* renamed, t. h. *Sorex tetragonurus*; Rennes.—1851: *Trichosoma*. 1915: Cap. (Cap.).
incrassatus Mol., 1858 (1859e), 294, t. h. *Gobius paganellus*; Padua.—1858: Echinor.
increscens Mol., 1858d, 147, t. h. *Lophius piscatorius*; Padua.—1858: Asc.
incurva Linst., 1908, 22, t. h. *Erinaceus frontalis*; S. Africa.—1908: *Physalopt*.
incurva Rud., 1819a, 292, t. h. *Xiphias gladius*.—1819: Asc.
[incurvata Perronc., 1882a, 336 (*Ossiuride*). See *curvula* (*Oxyuris*).]
incurvus Cobb, 1917n, 435, in cranberry bog; Arlington Farm, Va.—1917: *Mononchus* (*Mylonchulus*).
index Cobb, 1906, 165, about roots of diseased cane; Hawaii.—1906: *Mononchus*. 1917: *Mononchus* (*Mylonchulus*).
indica Schultz, 1899a, 132, t. h. *Papilio helenus*; India.—1899: *Mermis*.
indica Sweet, 1915, 19, t. h. *Bos bubalis*, *Bos indicus*; India.—1915: *Onchocerca*.
indicum Stewart, 1914, 249; Indian Mus.—1914: *Leptosomatum*.
indicus Linst., 1907, 45, free; Port Canning, Lower Bengal.—1907: *Oncholaimus*.
indicus Rail. & Henry, 1910, 312, t. h. *Tapirus indicus*; Alfort.—1910: *Brachyclonus*, tod.
inequale Cobb, 1915, 101, t. h. rotting wood of red oak; Wash., D. C.—1915: *Bunonema*.
inermis Bast., 1865c, 150, marine; Falmouth.—1865: *Enoplus*.
inermis Büetsch., 1874b, 258, t. h. roots of garlic; Germany.—1874: *Diplogaster*.
inermis Grassi, 1887g, 617, *conjunctivæ* renamed, t. h. ass, horse, man; Mailand, Catania, Italy.—1887: Fil.
inermis Kessler, 1869, 119 [nv.].—1869: Gord.
inermis Linst., 1879a, 176, t. h. *Astur nius*, A. *palumbarius*; by Linst.—1879: *Tropidocerca*. 1914: *Tetrameres*.
inermis Linst., 1906, 249, t. h. *Sciurus prevosti*; Koenigsb.—1906: *Physalopt*.
inermis Mol., 1861a (b), 540 (116), t. h. *Bothrops jararaca*, etc.; Ypanema.—1861: Kalic., ? type. 1909: *Diaphanoc*. 1899: *Sclerost*.
inermis Schneid., 1866a, 158, in moist soil and decaying substance.—1866: *Leptodera*. 1880: *Rhabditis*.
inermis Zed., 1800a, 84, t. h. *Muraena anguilla*; by Zed.—1800: *Gœzia*. [1901: *Lior*.] 1803: *Cochlus*. 1915: *Spinitectus*.
iners Bast., 1865c, 109, in moss; Falmouth.—1865: *Dorylaimus*.
infesta Leidy, 1849a, 229, t. h. *Julus marginatus*; Ing. [apparently U. S. A.].—1849: Asc. 1849: *Isacis*.
infernalis Linn., 1758a, 644.—1758: *Furia*, mt.
infestans Cobb, 1893b, 289 (40), among sheaths of diseased banana plants; Fiji.—1893: *Cephalobus*.
inflata Drasche, 1884b, 328, t. h. *Testudo græca*; Trieste or Mus. Wien.—1884: *Oxyuris*.
inflata Linst., 1883a, 297, t. h. *Pterocles arenaria*.—1883: *Oxyuris*.
inflata Linst., 1890d, 180, t. h. *Scyllium immoratum*.—1890: *Spiropterina*.
inflata Mehl. in Crep., 1846a, 135, t. h. *Charadrius pluvialis*, *Ciconia nigra*; Ing.—1846: *Spiropt*. 1861: *Tropidocerca*. 1892: *Tropisurus*. 1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*).
inflata Mol., 1860b, 976 (68), t. h. *Falco unicinctus*; M. C. V., Brazil.—1860: *Spiropt*. 1889: *Physalopt*.

- inflatus* Crep., 1829b, 39, t. h. Charadrius hiaticula, Hæmatopus ostralegus; by Crep. & Laur.—1829: Echinor.
- inflatus* Mol., 1861a, 520, t. h. Myrincophaga jubata; M. C. V.—1861: Str.
- inflatus* Rud., 1809a, 270, t. h. Salmo salar; by Müell. & Rud.—1809: Echinor.
- inflatus* Schneid., 1866a, 129, t. h. Bos taurus; Ing.—1866: Str. 1885: Oesophagost.
- [*inflato* Perronc., 1882a, 366, for *inflatus* (Str.).]
- inflatum* bovis Carità, 1887c, 139 [nv.]; Rail., 1888k, 218 (3); t. h. Bos taurus.—1887 or 1888: Oesophagost.
- inflatum* ovis Carità, 1887a, 60 [nv.]; Rail., 1893a, 450, t. h. Ovis aries.—1887 or 1893: Oesophagost.
- inflessa* Perronc., 1882a, 305 (probably for *inflexa*).—1882: Asc.
- inflexa* Duj., 1845a, 294, t. h. Mullus; Med.—1845: Trichina.
- inflexa* Hempr. & Ehrenb., 1828, niloticus renamed, aquatic; Nile.—1828: Anguillula.
- inflexa* Zed., 1800a, 21, t. h. Anas boschas dom., etc.; by Zed.—1800: Fus. 1809: Asc. [1893: Het. perspicillum.]
- inflexa* Zed. 1800 of Rud., 1819a, 38.—1845: Asc. (Ascaridia). 1853: Ascaridia. 1866: Het.
- inflexocaudata* Sieb., 1842a, 348, t. h. common dolphin; by Sieb.—1842: Fil.
- inflexum* Dies., 1861a, 704, dipetala 1858 renamed, t. h. Platyrrhynchus pitangua; Brazil.—1861: Dipetalonema.
- inflexum* Rud., 1819a, 13, t. h. Turdus cyaneus; M. V.—1819: Trichosoma.
- inflexum* Rud., 1819a, 13, t. h. Turdus cyaneus; Mus. Wien.—1819: Trichosoma. 1915: Cap. (Cap.).
- inflexus* Cobbold, 1861e, 117, t. h. Chelydra serpentina; Lond.—1861: Echinor.
- inflexus* Rud., 1809a, 227, t. h. Delphinus phocæna; Ing.—1809: Str. 1845: Stenurus, mt. 1851: Prosthecosacter. 1886: Pseudalius.
- inflexus* major (Duj., 1845a) Dies., 1851, 323, based on Raspail, 1829b, 244.—1851: Str.
- inflexus* pulmonalis Dies., 1851a, 281.—1851: Str.
- infrequens* Carter, 1859b, 43, in clots of Oscillatoria, in salt water drains; Isl. of Bombay.—1859: Urolabes.
- infundibulicola* Linst., 1903k, 108, t. h. Python reticulatus; Siam.—1903: Asc.
- infundibulum* Linst., 1906, 257, t. h. Hystrix cristata; Zool. Mus. Koenigsb.—1906: Trichoc. 1916: Trichuris.
- ingens* Linst., 1879b, 337, t. h. Procyon lotor; Ing.—1879: Echinor.
- ingluvicola* Rans., 1904c, 1, t. h. Gallus dom.; U. S. A.—1904: Gongylonema.
- innitiss* Daniels, 1902, 46, misprint for *innitiss* (Fil.).
- inornata* Cobb, 1915, 39; Maple River, etc., Mich.—1915: Chromadora.
- inquies* Lint., 1901b, 410, t. h. Rachycentron canadus; Woods Hole.—1901: Asc.
- inquilinus* Müell., 1774a, 33.—1774: Gord. 1851: Phacelura.
- inscriptus* Westrumb, 1821a, 15, t. h. Turdus flavipes, T. albicollis; Brazil.—1821: Echinor.
- insectorum* Schrank, 1776, 98 [nv.].—1776: Gord.
- insectorum* Sieb., 1854b, 8, t. h. insects.—1854: Fil. [Belongs to Gord. or Mermis.]
- insidiator* Cam., 1899, 462; Borneo.—1899: Chordodes.
- insigne* Blgr., 1917, 207, t. h. Equus cab.; Birmingham.—1917: Cylichnost.
- insignis* Cobb, 1893b, 287, roots of plants; Australia.—1893: Plectus.
- insignis* Cobb, 1893a, 823 (46), about roots of sugarcane; N. S. W.—1893: Monhystera.
- insignis* Dies., 1851a, 210, t. h. Delphinus amazonicus; Brazil.—1851: Peritrachelius, mt. 1893: Asc. (Peritrachelius).
- insignis* Leidy, 1858a, 112, t. h. Procyon lotor; by Wyman, Ing.—1858: Fil.
- insignis* Schneid., 1866a, 83, t. h. Picus; Brazil.—1866: Fil.
- insons* Gmel., 1790a, 3035, t. h. Rana temp.; Goetze.—1790: Asc. [See *bufonis nigrovenosa*.]
- instabilis* Rail., 1893a, 442, t. h. Ovis aries, etc.; by Rail.—1893: Str. 1905: Trichostr.
- insubricus* Steiner, 1914, 422; Bellizona, Switz.—1914: Cephalobus.
- intestinalis* Züern, 1882a, 280, misprint for *intestinalis* (Leptodera).
- [*integer* Rail. & Henry, 1915, 447, see Müell., 1779, 100, fig. 8, not as specific name.—1915: Cucullanus.]
- integumentum* lumbriculi-limosi Leidy, 1852b, 243, t. h. Lumbriculus limosus; by Leidy.—1852: Nematodeum.
- intercostalis* Mol., 1858c, 418, t. h. Cebus (Callitrix) sciurus; Brazil.—1858: Fil.
- intermedia* Büetsch, 1873a, 52, on grass roots; F. a. M.—1873: Tripyla.
- intermedia* Büetsch., 1873a, 67, on roots of plantago and moss; Germany.—1873: Monhystera. [1880: Pristomatolaimus, tsd.] 1893: Pristomatolaimus, tsd.

- intermedia* Duj., 1845a, 95, media 1825 renamed, t. h. *Falco fuscoater*; Crep.—1845: Spiropt.
- intermedia* Man, 1880a, 57, in sand; Holland.—1880: *Rhabditis*.
- intermedius* Cobb, 1893a, 817 (40) about roots of sugar cane; N. S. W.—1893: *Mononchus*. 1916: *Mononchus* (*Mononchus*).
- intermedius* Cobb, 1893a, 827 (50), about roots of sugar cane; N. S. W.—1893: *Plectus*.
- intermedius* Cobb, 1906, 165, 189, about roots of diseased cane; Hawaii.—1906: *Diplogaster*.
- intermedius* Man, 1880a, 16, in moist soil; Holland.—1880: *Cyatholaimus*.
- intermedius* Man, 1880a, 72, in sand and moist soil; Holland.—1880: *Tylenchus*. 1905: *Prismatolaimus*.
- intermedius* Man, 1884a, 170, in moist soil; Holland & Switz.—1884: *Dorylaimus*.
- intermedius* Müell., 1786a, 77.—1786: *Vibrio*. [1838: *Trachelius*.]
- intermedius* Oerley, 1885a, 102, t. h. *Mustelus lævis*; by Oerley.—1885: *Acanthocheilus*.
- intermedius* Sweet, 1909b, 509, t. h. *Equus* cab.; Horsham, Victoria.—1909: *Triodontophorus*.
- intermedius alpestris* Menz. in Hofmæn. & Menz., 1914, 87, in *Rhætikon* u. auf dem Pitz Ot, stets in Moospolstern.—1914: *Dorylaimus*.
- intermuscularis* Mol., 1858c, 421, t. h. *Felis onca*; Brazil.—1858: *Fil. felis-oncæ*.
- intestinale* Dies., 1851a, 337, t. h. *Tropidonotus natrix*; Greifsw.—1851: *Nematoideum natrix*.
- intestinalis* Bavay, 1877a, 226, t. h. *Homo*; by Normand.—1877: *Anguillula*. 1879: *Leptodera*. 1879: *Strongyloides*, mt. 1880: *Rhabditis*. 1881: *Pseudorhabditis*. 1883: *Rhabditis* (*Anguillula*). 1888: *Rhabdonema*. 1889: *Strongyloides* (*Rhabdonema*). 1892: *Phaldonema*. 1900: *Str.* [1910: *Stercoralis*.]
- [*intestinalis* Bloch, 1782a, 28, not as specific name, but as intestinal ascaris.—1782: *Asc.*]
- intestinalis* Bloch, 1782a, 33, in birds and fish; lng.—1782: *Gord.* 1801: *Fissula*.
- intestinalis* Ehrenb., 1838a, 354, in *Lumbricus*; quotes *Gleichen*, 1776.—1838: *Anguillula*.
- intestinalis* Gmel., 1790a, 3035, t. h. *Rana temp.*; Gœze.—1790: *Asc.* [See *Str. auricularis*.]
- intestinalis* Hoyle in R. Leuck., 1886d, 151, duodenalis renamed.—1886: *Dochmius*. 1905: *Unc.*
- intestinalis* Leichtenstern, 1886c, 238, for *Ankylost. duodenale*.—1886: *Str. hominis*.
- intestinalis* Pall., 1760, 258.—1758: *Lumbricus*.
- intestinalis* Rud., 1809a, 204, [t. h. *Equus* cab.; M. C. V.].—1809: *Str. armatus major*. 1851: *Sclerost. a. m.*
- intestinalis* of Smith; Looss, 1911, v. 4, 274 (*Str.*) probably a *Trichostr.*
- intestinalis* van Hoorn, 1641a, [nv.].—1641: *Lumbricus*.
- intestinalis* Wrisberg [nv.]; Hooper, 1799a, 252, s. *vulgaris*.—1799: *Trichuris*.
- intestinalis bovis* de Gasperi, 1912, 248, t. h. *Bos taurus*; Torino.—1912: *Anguillula*.
- intestinalis* (pars) Bavay of Alfieri, 1908, 265, in *Rana escul.*; Italy.—1908: *Anguillula*.
- intestinalium armadillonis-pillularis* Leidy 1852b, 243, t. h. *Armadillo pillularis*; by Leidy.—1852: *Nematoideum*.
- intestinum* Müell., 1773b, 44, in aquis paludosis.—1773: *Vibrio*. 1838: ?*Enchelys*.
- [*intestinum* Rud., 1819a, 7 ("num potius A. i. transgressa," see *Fil. vulpis*) (not as specific name).]
- invaginabilis* Linst., 1902a, 228, t. h. *Numenius arquatus*; Munich.—1902: *Echinor.* 1912: *Arhythmor.*
- invaginatus* Linst., 1901b, 414, host unknown.—1901: *Disph.* 1912: *Acuaria* (*Synhimantus*).
- invaginatus* Schneid., 1866a, 129, t. h. *Coluber* sp.; Brazil.—1866: *Str.*
- involuta* Linst., 1879b, 315, t. h. *Strix flammea*; Coll. Hering.—1879: *Fil.* [1879: *Disph.* 1891: *Disph.* 1912: *Acuaria* (*Synhimantus*).
- involuta* Linst., 1906, 247; Togo, Amedjowé, W. Africa.—1906: *Mermis*.
- ipostomus* Carità, 1887a, 58, for *hypostomus* (*Str.*).
- irritans* Rivolta, 1884c, 128, t. h. *Equus* cab.; Italy.—1884: *Dermofil.*, mt. 1885: *Fil.*
- ischnoptera* Crep., 1853a, 265, t. h. ostrich; African; died in Berl.—1853: *Asc.*
- isolonche* Linst., 1906, 252, t. h. *Thaumalea amherstiae*; Zool. Mus. Koenigsb.—1906: *Het.*
- isotrichis* Stoss., 1899d, 132, for *isotricis* (*Sclerost.*).
- isotricis* Mol., 1861a (b), 560 (136), t. h. *Isotrix pachyura*; M. C. V.; Brazil.—1861: *Sclerost.* 1916: *Str.*
- jacchi* Dies., 1861a, 667, t. h. *Jacchi* sp.; Brazil; quotes Marcel.—1861: *Asc.* 1914: *Subulura*.

- jacchi-chrysopygi (hepatica)* Mol., 1858c, 419, t. h. *Jacchus* (Hapale) *chrysopygus*; *Ypanema*.—1858: Fil.
- jægerskiældi* Tüerk, 1903-1904a, 334, marine; Nap.—1903: *Cylicolaimus*.
- jandæ* Cam., 1895a, 8; Timor.—1895: Chord.
- janeti* Lacaze-Dut. in Janet, 1893a, 700, t. h. *Formica rufa*, *Lasius flavus*; by Janet.—1893: *Pelodera*. 1894: *Rhabditis*.
- japonicus* Cobb, 1917n, 438; Mississippi Bay, Yokohama, Japan.—1917: *Mononchus* (*Mylonchulus*).
- javanica* Lavergne, 1901a, 86.—1901: *Anguillula*.
- javanica* Treub., 1885, 13.—1885: *Heterodera*.
- javanicum* Richters, 1908, 24; Java.—1908: *Craspedonema*, mt.
- javanicus* Zimmermann, 1898, 52, on coffee roots.—1898: *Dorylaimus*.
- javanicus* Linst., 1907, 82, t. h. *Camponotus maculatus mitis*; Java.—1907: *Ochetoc*, mt.
- jubæ* Seur., 1916, 1131, t. h. *Zamenis hippocrepis*, *Trogonophis wiegmanni*; Alger.—1916: Fil.
- jugadornata* Soloviev, 1912, 88, t. h. *Anas boschas*; Turkestan.—1912: *Echinuria*, type.
- juli* Cobb, 1898a (b), 299 (4); lng.—1898: Heth, mt.
- juli* Linst., 1878b, 242, t. h. *Julus terrestris*; by Linst.—1878: *Agamonematodum*.
- juncea* Rail. in Nev.-Lem., 1908a, 485, demarquay Mans., 1897, not Zune, 1892, renamed, t. h. *Homo*; Antilles.—1908: Fil.
- juvenalis* Kûech., 1855a, 464.—1855: *Str. gigas*.
- kachugæ* Stewart, 1914, 166, t. h. *Kachuga lineata*; Lucknow.—1914: *Oxysoma*.
- kachugæ* Stewart, 1914, 176, t. h. *Kachuga lineata*; Lucknow.—1914: *Atractis*.
- kalicephalum* Stoss., 1899d, 106 (52), s. *mucronatus* 1861, t. h. *Crotalus horridus*; Brazil.—1899: *Sclerost*. [1899: *Kalic.*, ? type.]
- kallstenii* Jægers., 1897c, 1; Kamerun.—1897: Chord.
- kanis* Schneidem., 1896a, 314, for *canis* Werner (Asc.).
- kanis* Schneidem., 1896, 318, for *canis*.—1896: *Str. vasorum*.
- kaschgaricus* Cam., 1897g, 395 (57); Turkestan.—1897: *Parachord*.
- kashinathi* Lane, 1917, 414, t. h. *Capra hircus*; Darjeeling, India.—1917: *Bunost*.
- katangensis* Gedeolet, 1916, 49, t. h. *Petrodromus tetradactylus*; Katanga.—1916: *Grammophora*, tod.
- kathlena* Lane, 1914, 666, t. h. *Chelone midas*; Ceylon.—1914: *Kathlania*, tod.
- kati* Schneidem., 1896a, 322, for *cati* (Askaris).
- kennardii* Daniels, 1902, 338, t. h. *Crotophaga ani*; Brit. Guiana.—1902: Fil.
- kerandeli* Brimont, 1909, 170, t. h. *Bradypus tridactylus*; Guyane.—1909: *Microfil*.
- kerguelensis* Steiner, 1916, 323, free; Kerguelen.—1916: *Cephalobus vexilliger*.
- keroideus* Westrumb, 1821a, 8, t. h. *Arctomys citillus*; M. C. V.—1821: *Echinor*.
- kilimacæ* Graff, 1907, 118, misprint for *kilimaræ* (Fil.).
- kilimaræ* Kolb, 1898a, 28, t. h. *Homo*, and free; Kilimara, Monisu, Brit. E. Africa.—1898: Fil.
- kilincei* d'Herelle & Seidelin, 1909, 409, t. h. *Leptophis mexicanus*; Yucatan.—1909: Fil. [1909: *Microfil*.]
- kingi* Leiper, 1913, 277, t. h. *Homo*; St. Lucia.—1913: *Syngamus*.
- kirghisensis* Skrj., 1916, 486, t. h. *Aquila imperialis*; Russian Turkestan.—1916: *Asc*.
- kohl-yakimovi* Yakimoff, etc., 1914, 192, t. h. *Equus cab.*; Turkestan.—1914: *Microfil*, ninæ.
- kolaensis* Savelev, 1912, 123, in Ebbeschlamm; Catharinahafen.—1912: *Parasabatieria*.
- kollari* Mol., 1858 (1859e), 300, t. h. *Chrysophris aurata*; Padua.—1858: *Lecanoc*. 1915: *Gœzia*.
- kommutatus* Schneidem., 1896a, 319, for *commutatus* (Str.).
- kontortus* Schneidem., 1896a, 316, for *contortus* (Str.).
- konvolutus* Dammann, Dirigent, & Freese, 1908, 506, for *convolutus* Ostertag (Str.).
- kowalevskiyi* Golowin, 1901a [nv.]; 1901b, 752.—1901: *Rhabditis*.
- krenatus* Schneidem., 1896a, 309, for *crenatus* (Trichoc.).
- kuelzi* Rail. & Henry, 1911, 386, for *kuelzii* (Fil.).—1911: *Dirofil*.
- külzi* Braun, 1915a, 315, for *kuelzii* (Fil.).
- kuelzii* Rodenwaldt, 1910, 529, t. h. *Cephalobus maxwelli*; Njong.—1910: Fil. 1916: *Dirofil*.
- kühnii* Fisch., 1894, 1, in stems of *Clematis jackmani*; Schlesien.—1894: *Aphelenchoides*, mt.
- kükenthalii* Cobb, 1888a, 4, t. h. *Beluga lucas*; N. Eismeer.—1888: *Asc*.
- külzi* Braun, 1915a, 321 for *kuelzii* (Fil.).
- künckeli* Galeb, 1878b, 294 (12), t. h. *Blatta americana*.—1878: *Oxyuris*.
- kurvula* Schneidem., 1896a, 324, for *curvula* (*Oxyuris*).
- labialis* Pane, 1864a, 32 [nv.], t. h. *Homo*; Nap.—1864: Fil. 1916: *Agamofil*.

- labiata* Carter, 1859b, 41, on *Glœocapsa* of walls; IIs. of Bombay.—1859: *Urolabes*.
labiata Cobb, 1916, 115, on *Saperda tridentata*; Manhattan, Kans.—1916: *Diplogaster*.
labiata Crep., 1825a, 1, t. h. *Ciconia nigra*; by Barkow.—1825: Fil. 1861: *Dicheilonema* (? type). 1917: *Contortospiculum*.
labiata Daday, 1903, 335.—1903: *Monhystera*.
labiata Rud., 1809a, 172, t. h. *Muræna anguilla*; [Europe].—1809: Asc. 1880: *Ascarida*.
labiato-papillare Perronc., 1882a, 326, see *labiato-papillosa*.—1882: Fil.
labiato-papillosa Aless., 1838, 1 [nv.]; Perronc., 1882a, 326, in *Bos taurus*.—1838 or 1882: Fil. 1911: *Setaria*.
labiatum Leidy, 1850e, 101, t. h. *Polydesmus virginienensis*; by Leidy.—1850: *Thelast*. 1861: *Anguillula* (*Thelastoma*). 1853: *Thelastomum*.
labiatum Looss, 1901a (1902), 39, t. h. *Equus* [donkeys]; Egypt.—1901: *Cylichnost*. 1903: *Cyliclost*.
labiatus Büetsch., 1874b, 277, *Austernbænke*; bei Sylt.—1874: *Enoplus*.
labiatus Man, 1880a, 78, in sand; Holland.—1880: *Dorylaimus*.
labiodentata Linst., 1899b, 16, t. h. *Mus navalis*; Egypt.—1899: *Spiropt*. 1916: *Protospirura*.
labio-papillosa Stiles, 1892f, 143, misprint for *labiato-papillosa* (Fil.).
labiotruncata Mol., 1858c, 412, t. h. *Tinamus adpersus*, etc.; Brazil, M. C. V.—1858: Fil. 1861: *Dicheilonema*.
labialis Tecce, 1908a, 933, for *labialis* (Fil.).
labratum Looss, 1900c, 158, t. h. *Equus*; Egypt.—1900: *Cyathost*. 1901: *Cylichnost*. 1903: *Cyliclost*.
labratum Looss, 1900c, 159, t. h. *Equus*; Egypt.—1900: *Sclerost*.
labri Rud., 1819a, 80, t. h. *Labrus tinca*; C. E. V.—1819: *Echinor*.
labri-lusci Rud., 1819a, 58, t. h. *Labrus luscus*; Nap.—1819: Asc.
labri-nilotici Rud., 1819a, 194, 799, t. h. *Labrus niloticus*; Egypt.—1819: *Dubium*. 1851: *Nematoideum*.
labrostriatus Southern, 1914a, 53; Clew Bay.—1914: *Enoplus*.
labyrinthostoma Cobb, 1893b, 294 (45), in soil about banana plants; Fiji.—1893: *Dorylaimus*. 1913: *Actinolaimus*.
lacazei Magal., 1905a, 315, t. h. *Pontodrilus marioni*.—1905: *Dionix*. [1905: *Dionyx*.]
lacazii Perrier, 1881a, 242, t. h. *Pontodrilus*; by Perrier.—1881: *Dionyx*, mt.
lacertæ Gmel., 1790a, 3035, t. h. *Lacerta palustris*; Gœze.—1790: Asc. 1803: *Fus*.
lacertæ M. C. V. in Mol., 1858c, 385, t. h. *Hypsilophus tuberculatus*, in Cuyaba; *Thorictis dracena*, in Matagrosso.—1858: Fil.
lacertæ Dies., 1851a., 115.—1851: *Trichina*. 1851: Fil.
lacertæ Schrank, 1788a, 5, in füsslosen Eidechse; by Pall.—1788: *Trichoc*. 1791: *Trichuris*. 1803: *Mastigodes*. [1819: *Sclerotrachium*.]
lacertæ-palustris Rud., 1809a, 199, *lacertæ* 1790 renamed, t. h. *Lacerta palustris*; [Europe].—1809: Asc.
lacterarum Cobbold, 1861e, 124, t. h. *Calotes versicolor*; Ing.—1861: Fil.
lacterarum Rud., 1810a, 268, *Tænia salamandræ* 1790 renamed.—1810: *Vermis* (*dubius*). 1819: *Dubium*. 1851: *Nematoideum*.
lachrymalis see *lacrymalis* Gurlt (Fil.).
laciniatus Mol., 1860c, 513, t. h. *Rallus cayennensis*; Paranagoa, Brazil.—1860: *Histioc*. 1916: *Schistorophus*.
lacinulata Schneid., 1866a, 177, loc. unknown.—1866: *Mermis*.
lacrimalis Dubini, 1850b, 577, for *lacrymalis* Dubini (Fil.).
lacrimalis Moroni, 1864a, 193, for *lacrymalis* Gurlt (Fil.).
lacrymalis Dubini, 1850b, 576, t. h. *Homo*.—1850: Fil. [See loa.]
lacrymalis Duj., 1845a, 46, t. h. *Homo*.—1845: Fil. [See loa.].
lacrymalis Gurlt, 1831a, 347, s. *rhodii*, t. h. *Equus cab.*, *Bos taurus*; by Gurlt.—1831. Fil. 1910: *Thelazia*. 1874: *Spiropt*.
lacteolus Fabr., 1780, 271.—1780: *Gord*.
lacteus Müell., 1774a, 32, in aquis.—1774: *Gord*.
lacteus Rathke, 1843a, 238; bei Molde.—1843: *Ramphogord*, mt. 1866: *Ramphogord*. 1868: *Polygord*, ?type.
lacteus Rathke of Schneid., 1866a, 326, aquatic; Helgoland.—1866: *Polygord*. 1868: *Polygord*, ?type.
lacustris Cobb, 1915, 36; Douglas Lake, Mich.—1915: *Mononchus*. 1917: *M.* (*Mylonchulus*).
lacustris Daday, 1894, 136; [Balaton].—1894: *Diplogaster*.
lacustris Daday, 1894, 138 [free; Balaton].—1894: *Symplocost*.
lacustris Daday, 1911, 491; Vierwaldstetter-See.—1911: *Mesomermis*.

- lacustris* Duj., 1845a, 68, under leaves of *Nymphaea*; Rennes.—1845: Fil. 1851: Mermis. [1865: *Mermis aquatilis*. 1898: *Paramermis aquatilis*.]
lacustris Gmel., 1790a, 3051, see also *lacustris* Zøega.—1790: *Cucullanus*.
lacustris Hofmæn., 1913, 620, lac Léman.—1913: *Cylindrolaimus*.
lacustris Linn., 1767a, 1076, t. h. *Esox lucius*.—1767: Gord. 1790: Asc. 1803: Fus. [1809: Asc. *gasterostei*.]
lacustris Micol., 1913, 116, aquatic, Obersee, litoral, Ostalpen.—1913: *Rhabditis*. 1914: *Chromadora* (*Parachromadora*).
lacustris Micol., 1913, 119, in fresh water; Ostalpen.—1913: *Triodontolaimus*.
lacustris Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: *Anguillula fluviatilis*.]
lacustris Zøega in Müell., 1776a, 214, hng.—1776: *Echinor*. 1779: *Cucullanus*. 1915: *Camallanus*, tod.
lacustris anguillæ (Schrank, 1788) Rud., 1809a, 113 for *murænæ-anguillæ*.—1809: *Cucullanus*.
lacustris farionis Gmel., 1790a, 3052.—1790: *Cucullanus*.
lacustris lucioperce (Schrank, 1788) Gmel., 1790a, 3051.—1790: *Cucullanus*.
lacustris murænæ-anguillæ Gmel., 1790a, 3051.—1790: *Cucullanus*.
lacustris perçe-cernux (Müell., 1780) Gmel., 1790a, 3051.—1790: *Cucullanus*.
lacustris salaris Gmel., 1790a, 3052.—1790: *Cucullanus*.
lævicauda Seur., 1914, 96, t. h. *Acanthodactylus blanci*, *Scincus officinalis*; Bou-Saâda.—1914: *Oxyuris*.
læviceonchus Wedl., 1861b, 463, t. h. *Synodontis schali*; Egypt.—1861: *Cucullanus*. 1915: *Camallanus*.
lævis Bast., 1865c, 160, tide-pools; Falmouth.—1865: *Spira*.
lævis Crep., 1847a, 289, t. h. *Tarsius spectrum*; Burm., 1846.—1847: Fil.
lævis Duj., 1845, 117, t. h. *Arvicola subterraneus*, etc.; Rennes.—1845: Str. 1861: *Metastr.* 1909: *Heligmosomum*.
lævis Heitz in Zsch. & Heitz, 1914, 200, t. h. *Salvelinus malma*; Kamtschatka.—1914: *Dacnitis*.
lævis Leidy, 1856b, 51, t. h. *Arctomys monax*; by Packard.—1856: Asc.
lævis Linst., 1905t, 359, t. h. *Anas boschas*; Ing.—1905: *Echinor*.
lævis Villot, 1874a, 52; New Caledonia; Mus. Par.—1874: Gord.
lævis Zøega in Müell., 1776a, 215, hng.—1776: *Echinorhynchus* [*Echinor*.] 1908: *Pomphorhynchus*.
lævisima Baird, 1853a, 25, hng.; India.—1853: Asc.
lagænæformis Westrumb, 1821a, 7, t. h. *Falco cyaneus*; Mus. Wien.—1821: *Echinor*.
lagænæformis Westrumb, 1821a, 68 for *lagænæformis* (*Echinor*.).
lagena Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: *Ichthyidium podura*.]
lagænæformis Duj., 1845a, 505 for *lagænæformis* (*Echinor*.).
lagænæformis Marval, 1905a, 340, misprint for *lagænæformis* (*Echinor*.).
lagopodis Frøel., 1802a, 46, t. h. *Tetrao lagopus*; by Frøel.—1802: Asc. [1845: A. compar. 1861: Het. c.]
lakrymalis Schneidem., 1896a, 308, for *lacrymalis* Gurlt (Fil.).
lamellaris Linst., 1906, 270, t. h. *Gavialis gangeticus*; Calcutta Zool. Gard.—1906: *Typhlophoros*, mt.
lamelliferus Man, 1880a, 70, in moist soil; Holland.—1880: *Tylenchus*.
lamelliformis Cobb, 1888a, 28, for *lamelliferus* (*Tylenchus*).
lamelliger Dies., 1854s, 681, t. h. *Naucreates ductor*; M. C. V.—1854: *Echinor*. [1907: E. (*Lepidosoma*, type).] 1912: *Lepidosoma*, type.
lampetræ Krøyer., 1852-53a, 1040, t. h. *Petromyzon marinus*.—1852-53a: *Agamonema*.
lancea Westrumb, 1821a, 26, t. h. *Charadrius morinellus*, etc.—1821: *Echinor*. 1913: *Centror*.
lancea Zed., 1800a, 23, t. h. *Turdus iliacus*, *T. pilaris*; by Zed.—1800: Fus. 1809: Asc. [1819: Asc. *ensicaudata*.]
lanceolata Blainv. [nv.]; Dies., 1850a, 610.—1850: *Prionoderma*. [See *Linguatula*.]
lanceolata Linst., 1883a, 298, t. h. insects; Turkestan.—1883: *Oxyuris*.
lanceolata Mol., 1860e, 334, t. h. *Champsia nigra* at Borda, Brazil; *C. lucius* in Georgia.—1860: Asc.
lanceolata Mol., 1860b, 940, t. h. *Crotophaga major*; Cuyaba.—1860: *Spiropt*.
lanceolatus Linst., 1876a, 2, t. h. *Charadrius hiaticula*; by Linst.—1876: *Echinor*. 1911: *Plagior*, mt.
langi Cobb of Man, 1906, 169, for *langii* (*Dorylaimus*).
langii Cobb, 1888a, 28, on algæ, mosses; Jena.—1888: *Dorylaimus*.
lanii M. C. V. in Mol., 1858c, 373, t. h. *Platyr. pitangua*; Cuyaba.—1858: Fil.
lanii M. C. V. in Mol., 1860b, 928.—1860: *Spiropt*. [1860: *S. erecta*.]

- langrunensis* Man, 1890b, 186, marine; côtes du Calvados.—1890: *Oncholaimus* (Viscosia).
- laniorum* Mol., 1860b, 940 (32), t. h. *Lanius collurio*; Brems.—1860: *Acuaria*.
- laniorum* Rud., 1819a, 54, t. h. *Lanius collurio*, *L. minor*; C. E. V., by Frœl.—1819: Asc.
- lanuginosus* Panceri, 1878, 3, marine.—1878: *Desmoscolex*.
- lao* Vaull., 1901, 128, misprint for *loa* (Fil.).
- lapponicus* Linst., 1906, 244; Lapland.—1906: Gord.
- lari* E. Bl., 1849a, 183, t. h. *Larus ridibundus*.—1849: *Cyathost.*, mt. 1861: *Sclerost.* 1909: *Syngamus*.
- lari* Gmel., 1790a, 3033, t. h. *Larus cinereus*; Bloch.—1790: Asc. 1803: *Fus.* 1809: Asc.
- lari* Rud., 1819a, 10, t. h. *Larus minutus*; Mus. Wien.—1819: Fil.
- lari* Rud., 1819a, 671 (under *sphaeroc.*), t. h. *Hæmatopus ostralegus*; Brazil.—1819: Echinor.
- lari-ridibundi* Dies., 1851a, 321, t. h. *Larus ridibundus*; quotes Crep., 1829b, 36.—1851: *Nematoideum*. 1851: Str.
- larvarum* Brug., 1791a, 90, sub cute larvarum et insectorum lepidopterorum.—1791: Gord. [? 1803: Fil.]
- larvarum* Zed., 1803a, 40, t. h. insects; quotes Schrank, Gæze, etc.—1803: Fil. [See *larvarum* Brug.]
- laryngeus* Rail., 1899e, 174, in bœuf; Annam.—1899: *Syngamus*.
- lasneti* Mathis & Léger, 1911, 60, t. h. *Coturnix maculosus*; Tonkin.—1911: *Microfil.*
- lata* Cobb, 1914, 73 (39); Alpine Lakes, Bald Mountain, Colo.—1914: *Tripyla*.
- latastei* Cam., 1895c, 8; Chili.—1895: Gord. 1897: *Parachord*.
- latastii* Cam., 1897g, 418, for *latastei* (*Parachord*.).
- lateralis* Leidy, 1851b, 207, t. h. *Salmo fontinalis*; by Baird.—1851: Echinor. [? 1907: *Echinosome*.]
- lateralis* Mol., 1858 (1859e), 295, t. h. *Belone acus*; Padua.—1858: Echinor. [? 1907: *Echinosome*.]
- laticauda* Mol., 1860e, 335, t. h. *Dicholophus marcgravi*; Zamambaya.—1860: Asc. 1887: Het.
- laticauda* Mol., 1860c, 511, for *laticaudata* (Spiropt.).
- laticaudata* Rud., 1819a, 24, t. h. *Otis tetrax*; Mus. Wien.—1819: Spiropt. 1845: Disph. 1851: *Histioc.*, tsd. 1866: Fil.
- laticaudata* Trav., 1913, 276, for *laticauda* Mol. 1860, in *Microdactylus cristatus*.—1913: Het. 1913: Asc.
- laticeps* Rud., 1819a, 23, t. h. *Falco lagopus*; Mus. Wien.—1819: Spiropt. 1845: Disph. 1866: Fil. 1912: *Acuaria* (*Synhimantus*, tod.).
- laticollis* Man, 1906, 165, in soil; near Flessingue, Walcheren.—1906: *Dorylaimus*.
- laticollis* Hamm., 1847b, 288, t. h. *Cetonia stictica*; by Hamm.—1847: *Oxyuris*. 1851: *Anguillula*. 1851: *Thelast*.
- laticollis* Mar., 1870a, 18; Pharo, Mallamoussque.—1870: *Heteroc.*, mt.
- laticollis* Villot, 1875a, 466; Med.—1875: *Phanoderma*. [? 1870: *Heteroc.*]
- latrensis* Janda, 1893a, 596; Tatragebirge, for *tatrensis* (Gord.).
- latus* Cobb, 1891c, 150.—1891: *Dorylaimus*.
- latus* Cobb, 1906, 165, about roots of diseased cane; Hilo, H. I.—1906: *Cephalobus*.
- lavareti* Crep., 1829b, 29, t. h. *Salmo lavaretus*; Ing.—1829: Asc. [1851: *A. obtusocaudata*.]
- lavareti* Rud., 1809a, 313, t. h. *Salmo lavaretus*; Kœlreuter, apparently Russia.—1809: Echinor. [1771: *Acanthoc.*, mt.] 1851: *Acanthoc*.
- laverani* Rail. & Henry, 1912, 253, t. h. *Testudo emys*; Indomalaise.—1912: *Cissophyllus*, tod.
- leberti* Zool. Rec., 1908, v. 43, Verm., 36, for *lehberti* (*Chromadora*).
- leesei* Rail. & Henry, 1910, 215 (3), t. h. *chameau*; Punjab.—1910: *Thelazia*.
- leesi* Nev.-Lem., 1912, 811, for *leesei* (*Thelazia*).
- leguminosus* Soloviev, 1912, 87, t. h. *Corvus cornix*; Turkestan.—1912: *Centror*.
- lehberti* Schneid., 1906e, 680, fresh water; Estland.—1906: *Chromadora*.
- leidyella* Trav., 1915, 153, *picorum* Leidy, 1856 renamed, t. h. *Colaptes maximus*.—1915: Cap. (Cap.).
- leidy* Montg., 1898a, 37, Coll. Leidy.—1898: Gord.
- leidy* Skrj., 1916, 63, t. h. *Polydesmus* sp.; Brit. E. Africa.—1916: *Oxyuris*.
- leidy* Trav., 1914, 429; 1915, 158, *tenuissimum* Leidy, 1891, renamed, t. h. *Mus norwegicus*.—1915: Cap.
- leidy* Trav., 1917, 73, *auricularis* Zed. of Leidy, 1856, t. h. *Bufo americanus*, *Cistudo carolina*.—1917: *Oswaldocruzia*.

- leiperi* Rail., 1916, 138, *bufonis* Leiper renamed, t. h. *Bufo regularis*; Nasser, Sudan.—1916: Fil.
- lemani* Hofmæn., 1913, 635, aquatic; lac Léman.—1913: Ethmolaimus.
- lemmi* Dies., 1851a, 260, t. h. *Lemmus amphibius*; by Retzius.—1851: Trichosoma. 1915: Cap.
- lemmi* Sieb., 1837e, 209 [nv.]; Dies., 1851a, 319; t. h. *Lemmus amphibius*; Koenigsb.—1837: Str. or 1851: Str.
- lemuris* Rud., 1819a, 228, t. h. *Lemur mongoz*; Mus. Wien.—1819: Trichoc.
- lendix* Phipps, 1774a, 194, t. h. Eider duck.—1774: Sipunculus. 1905: Echinor.
- lenticolis* Guyon, 1864a, 743, s. *lentis*, oculi humani.—1864: Fil.
- lentis* Dies., 1851a, 265, oculi humani renamed, t. h. *Homo*; Berl.—1851: Fil.
- lentus* Maupas, 1900a, 563, in terre sablonneuse; Sud-Oranais.—1900: Cephalobus. [leonida? Aetius, 1549, 800 (not used as specific name).—1549: Drancunculus.]
- leonina* Linst., 1902a, 217, t. h. *Felis leo*; Breslau, born in Europe.—1902: Asc. [1907: Toxasc., tod.] 1911: Toxasc.
- leonis* Gmel., 1790a, 3031, t. h. *Felis leo*; Redi.—1790: Asc. 1803; Fus. 1809: Fil.
- leonis* Gmel., 1790a, 3040, t. h. lion; Redi, 1684a, pl. 9 fig. 2.—1790: Fil.
- leonis* Rud., 1809a, 242, t. h. *Felis*; Redi.—1809: Str. 1819: Spiropt.
- leonis* S., F., & W., 1908a, 285, for ? *leonina* (Asc.).
- leonis* Vallillo, 1909h, 461, t. h. *Felis leo*; Italy.—1909: Asc. mystax.
- leontopodii* Oerley, 1880a (b), 103 (91), t. h. *Leontopodium alpinum*; Frauenf. 1872, 396 (*Anguillula* sp.).—1872: Tylenchus.
- lepidodis-peronii* Linst., 1878a, 366, for *lepidopodis-peronii* (Nematoideum).
- lepidopodis* Dies., 1851a, 248, see *lepidopus* (Liorh.).
- lepidopodis-peronii* Crep., 1844a, 127, for *Lior. lepidopus* Risso.—1844: Nematoideum.
- lepidopterorum* Gmel., 1790a, 3041, t. h. larva of *Lepidopt.*; Gœze.—1790: Fil.
- lepidopterum* Bennet & Olivier, 1826a, 25, for *lepidopterorum* (Fil.).
- lepidopus* Risso, 1826a, 260, t. h. *Lepidopus argyreus*; App. été.—[1826: Lior.] 1826: Lior.
- lepidus* Man 1889a, 156.—1889: Oncholaimus,
- lepilemuris* Fourm., 1883a, 297, t. h. *Lepilemur mustelinus*; Madagascar.—1883: Fil.
- leptoptera* Braun, 1915, 366, lapsus for *leptoptera* (Asc.).
- leporis* Dies., 1851a, 258, 574, t. h. *Lepus timidus*; Frœl., 1802a, 18–20.—1851: Trichosoma. 1915: Cap.
- leporis* Gmel., 1790a, 3040, t. h. *Lepus*; Pall.—1790: Fil.
- leporis* Rud., 1809a, 93, t. h. *Lepus*; see Frœl., 1789a.—1809: Trichoc. 1916: Trichuris.
- leporis* Zed., 1803a, 71, t. h. *Lepus*; Hollstein-Beck.—1803: Mastigodes.
- leporis pulmonalis* (Frœl., 1802a) Rud., 1819a, 8, 216, t. h. *Lepus timidus*; Frœl.—1819: Fil. 1851: Trichosoma.
- leporis subcutanea* Rud., 1819a, 8, t. h. *Lepus timidus*; Pall.—1819: Fil.
- leporum* Moniez, 1880k, 447, t. h. *Lepus cuniculus*, etc.; Wimereux.—1880: Spiropt. 1889: Str. 1916: Str.
- leprincei* Gendre, 1909, lxxviii (7), t. h. *Macrodipteryx macrodipterus*; Labé.—1909: Het. 1913: Subulura. 1914: Allodapa.
- leptocephala* Rud., 1819a, 46, t. h. *Bufo cruciatus*, etc.; Berl.—1819: Asc. [1851: Hedruris androphora.] 1860: Oxyuris.
- leptocephalus* Rud., 1819a, 649, t. h. *Bradypus tridactylus*; Brazil.—1819: Str. 1850: Leituris, mt. 1866: Fil. 1897: Spiropt. 1914: Physoc.
- leptodera* Nielly, 1882a, 395, t. h. *Homo*; Brest.—1882: Anguillula.
- leptoptera* Rud., 1809a, 137, t. h. *Felis leo*; Berl.—1809: Asc. [cf. mystax. crenulata.] 1905: Asc. mystax. 1907: Belasc.
- leptoptera* Rud., 1819a, 26, t. h. *Falco buteo*; Mus. Wien.—1819: Spiropt. 1866: Fil. 1914: Habronema (Spiropt.).
- leptoptera* Rud., of Rayer, 1843d, 146, in *Emberiza pecoris*; by Rayer.—1843: Asc. 1860: Spiropt.
- leptoptera crenulata* see *crenulata* (Asc.).
- leptosoma* Man, 1880a, 30, in moist soil; Holland.—1880: Trilobus.
- leptosoma* Man, 1880a, 73, in moist soil; Holland.—1880: Tylenchus.
- leptosoma* Southern, 1914a, 10 marine; Clew Bay.—1914: Nuada, mt.
- leptosomus* Gerv., 1848, 204, t. h. *Uromastix acanthinurus*; Liège, from Algeria.—1848: Str. 1917: Physalopt.
- leptostoma* Schlotthauber, 1860a, 126, t. h. *Petromyzon fluviatilis*.—1860: Spiropt.
- leptura* Rud., 1819a, 48, t. h. *Testudo myda*; Mus. Wien.—1819: Asc. 1866: Oxy-soma. 1916: Oxy-somatium.
- lepturum* Rud., 1809a, 121, t. h. *Coryphæna hippuris*; by Tilesius.—1809: Ophiost.
- lepturus* Man, 1907, 240, free; Ierseke & Falmouth.—1907: Linhomœus (Paralin-homœus, tsd.).

- lepturus* Mar., 1870a, 16; Pharo.—1870: *Stenolaimus*. 1890: *Anticoma*.
lesiniformis Mol., 1859h, 15, t. h. *Pelophilax escul.*; Padua.—1859: *Echinor*. 1908: *Chentrosoma*.
leucisci-idi Dies., 1851a, 196, t. h. *Leuciscus idus*; M. C. Wien.—1851: *Asc.* [1851: *A. cuneiformis* (cyprini-idi).]
leucisci-rutili Dies., 1851a, 122, for cyprini-rutili, t. h. *Leuciscus rutilus*; Hanover.—1851: *Agamonema*.
leuckarti Büetsch., 1873a, 28, free; near F. a. M.; and on Gras von Cuxhafen; by Büetsch.—1873: *Dorylaimus*.
leuckarti Man, 1876a (b), 165 (88).—1876: *Chromadora*. 1888: *C. (Spilophora)*.
leuckarti Fuchs, 1915, 191, t. h. *Hylobius abietis*.—1915: *Rhabditolaimus*.
leuckarti Hamm., 1838a, 353, t. h. *Melolontha aprilina*.—1838: *Oxyuris*.
leuckarti Vernet, 1872 [nv.]; Büetsch., 1873a, 117.—1872: *Rhabditis*.
leuckarti Walter, 1866a (b), 72 (22), t. h. *Chrysotis amazonica*; by Walter.—1866: *Spiropt.*
leukarti Büetsch., 1873a, 22, for *leuckarti* (*Dorylaimus*).
levis Zed., 1803a, 155 for *lævis* (*Echinor*).
leydigii Eberth, 1863a, 32.—1863: *Enoplus*.
luhllieri Seur., 1916, 517, t. h. *Caccabis petrosa*.—*Hadjelia*.
libellulæ Selys-Longchamp in Sieb., 1850k, 335, t. h. *Libellula flaveola*.—1850: *Fil.*
libellulæ-flaveolæ Dies., 1851a, 98, t. h. *Libellula flaveola*; by Selys-Longchamp.—1851: *Gord.*
libellulæ-variegatæ Dies., 1851a, 98, t. h. *Libellula variegata*; Wien.—1851: *Gord.*
libycus Pierantoni, 1915, 1, in terra umida; Bu-Gheilan, Tripolitania.—1915: *Dorylaimus*.
lichis-glauca Dies., 1851a, 120, t. h. *Lichia glauca*; Nap.—1851: *Agamonema*. 1903: *Asc.*
lienalis Stiles, 1892i, 348, t. h. *Bos taurus*; U. S. A.—1892: *Fil.* 1911: *Onchocerca*.
liguligerus Römer, 1895b, 799; Calcutta.—1895: *Chord.*
limacis Barth., 1858a, 41, t. h. *Limace grise*; by Barth.—1858: *Ascaroides*, mt.
limacis Duj., 1845a, 263, t. h. *Limax rufa*; Rennes.—1845: *Angiost.*, tsd. 1908: *Rhabditis* (*Angiost.*).
limacis of Schneid., 1856a, 192.—1856: *Angiost.*
limacis-atr Dies., 1861a, 725, t. h. *Limax ater*; Sieb., 1848.—1861: *Nematodum*.
limalis Bast., 1865c, 141, marine surface mud; Falmouth.—1865: *Anticoma*.
limalis Savelev, 1912, 118, im schlammigen Sande; Catharinahafen.—1912: *Axonolaimus*.
limaris Schneid., 1866a, 155, misprint for *limacis* (*Angiost.*).
limbata Leidy, 1856b, 53, s. *scalopis-canadensis*, t. h. *Scalops canadensis*.—1856: *Physalopt.*
limbata Rail. & Hen., 1911, 15, t. h. *Canis aureus*, *C. fam.*, *Homo*; Alfort.—1911: *Toxasc.*
limbricoides Aitken, 1874, 57, misprint for *lumbricoides* (*Asc.*).
limnæi Linst., 1909a, 83, for *lymnæi* (*Phacelura*).
limnectica Daday, 1911, 483; [Vierwaldstætter-See].—1911: *Limnomermis*.
limnobia Daday, 1911, 482; [Vierwaldstætter-See].—1911: *Limnomermis*.
limnophila Daday, 1911, 499; Vierwaldstætter-See.—1911: *Paramermis*.
limnophilus Daday, 1893, 32.—1893: *Tylencholaimus*.
limnophilus Man, 1906, 168, see also *limnophilus*.—1906: *Dorylaimus*.
limphatica Slawikowski, 1819b, 23, for *lymphatica* (*Hamularia*).
linea Oken, 1815a, 192, im Schlamm, stehenden Wasser.—1815: *Gord.* 1849: *Anguil-lula*. 1865: *Dorylaimus*.
linealis Pillers, 1914, 51, for *lienalis* (*Onchocerca*).
lineare Leidy, 1856b, 54, t. h. *Felis catus*; by Leidy.—1856: *Trichosoma*. 1915: *Cap.*
linearis Marotel, 1913, 155, t. h. *Ovis aries*; Lyon.—1913: *Synthetocaulus*.
linearis Westrumb, 1821a, 10, t. h. *Sterna tuberculica*; Mus. Wien.—1821: *Echinor*.
lineata Brug., 1792a, [131.], 135, t. h. *requin*; Madagascar.—1792: *Asc.*
lineata Cobbold, 1861e, 123, t. h. *Alligator mississippiensis*; Coll. Cobbold.—1861: *Asc.*
lineata Schneid., 1866a, 67, t. h. *Gallus* sp.; Brazil.—1866: *Het.* 1912: *Ascaridia*.
lineatus Crep., 1846a, 136, t. h. *Charadrius cantianus*; by Crep.—1846: *Echinor*.
lineatus Fuchs, 1915, 199, t. h. *Hylobius abietis*.—1915: *Diplogaster*.
lineatus Leidy, 1851c, 263, free; Essex Co., N. Y.—1851: *Gord.*
lineatus Müell., 1774, 29 [nv.]; Herbst, 1787a, 30.—1787: *Lumbricus*.
lineola Müell., 1773b, 39, in infusione vegetabilia.—1773: *Vibrio*. 1830: *Lineola*.
lineolatus Müell., 1779a, 96, t. h. *Cottus scorpius*, etc.; by Müell.—1779: *Echinor*.
lymfatica Brera, 1810a, 225, for *lymphatica*.—1810: *Amularia*. 1845: *Hamularia*.
linguatula Par., 1894a, 218, for *linguatulæ* (*Asc.*).

- linguatulæ* Rud., 1819a, 58, t. h. *Pleuronectes linguatula*; Nap.—1819: Asc. [1896: A. capsularia.]
- linstowi* Man, 1904, 15, on *Eurypodius latereilli*; Terre de Feu.—1904: *Oncholaimus* (*Viscosia*).
- linstowi* Hall, 1916a, 161, t. h. *Microtus arvalis*; Germany.—1916: *Heligmosomoides*, *tod*.
- linstowi* Hall, 1916a, 180, *sciuri* Linst. renamed, t. h. *Sciurus caniceps*; Siam.—1916: Fil.
- linstowi* Hamann, 1891a, 95, t. h. *Abramis ballerus*, etc.; Mus. Wien.—1891: *Echinor*.
- linstowi* Lint., 1901b, 410, t. h. *Nematonurus goodei*; New Eng.—1901: Asc.
- linstowi* Potts, 1910, 439; Nap.—1910: *Diplogaster*.
- linstowi* Sons., 1895, 124, t. h. *Nyctinomus ægyptius*; Egypt.—1895: *Spiropt*.
- linstowi* Stoss., 1896a, 65 (59), t. h. *Silurus glanis*; Hameln.—1896: Asc. [1878: A. *siluri*.]
- linstowi* Stoss., 1899d, 128 (74), *alatus* Linst., 1879 renamed, t. h. *Manis tetradactyla*; Ing.—1899: Str.
- linstowi* Trav., 1914, 429; 1915: 153, *capillare* Linst., 1882, renamed, t. h. *Crocidura russulus*, *Talpa europæa*.—1915: Cap. (Cap.).
- linstowi* Hamann in Linst., 1889a, 83, *nomen nudum*, for *linstowi* (*Echinor*.).
- linter* Müell., 1786, 68.—1786: *Vibrio*. [1838: *Trachelius*.]
- linurus* Savelev, 1912, 120, im Schlamm mit Steinen; Kolafjord, Catharinahafen.—1912: *Linhomœus* (*Paralinhomœus*).
- liparidis-chrysorrhææ* Dies., 1851a, 108, t. h. *Liparis chrysorrhæa*; Europe.—1851. Fil. [1851: *Mermis nigrescens*.]
- liparidis-disparis* Dies., 1851a, 103, t. h. *Liparis dispar*; Germany.—1851: Fil. 1851: Gord.
- liparidis-monachæ* Dies., 1851a, 103, t. h. *Liparis monacha*; by Nordm.—1851: Fil. 1851: Gord.
- liparidis-salicis* Dies., 1851a, 103, t. h. *Liparis salices*; by Roesel.—1851: Fil. 1851: Gord.
- lirata* Schneid., 1866a, 155, in moist soil and decaying substance.—1866: *Leptodera*. 1880: *Rhabditis*. 1880: *Dorylaimus*. 1885: *Diplogaster*. 1893: *Diplogaster*.
- liratus* Schneid., 1866a, 54, im schlammigen Grund stehender Gewässer; Berl.—1866: *Enoplus*.
- lithothamnii* Savelev, 1912, 117, in *Lithothamnium murmanicum*; Palafjord.—1912: *Euryst*.
- littoralis* Hofmæn. in Hofmæn. & Menz., 1915, 182, aquatic; Genfersee.—1913: *Aphelenchus*.
- littoreus* Müell., 1776a, 213.—1776: Gord.
- loa* Cobbold, 1864b, 147, t. h. *Homo*; Africa.—1864: *Dracunculus*. 1866: Fil. 1905: *Dracunculus*. [1905: *Loa*, *tod*.] 1907: *Microfil*. 1913: *Loa* type. 1916: *Mikrofil*.
- lobata* Linst., 1908, 24, t. h. *Testudo smithi*; Africa.—1908: *Oxyuris*.
- lobianchii* Mont., 1887a, 27, t. h. *Tropidonotus viperinus*; by Mont.—1887: *Echinor*.
- lobulata* Schneid., 1866a, 44, t. h. *Delphinus gangeticus*; Ing.—1866: Asc.
- locustæ* Rud., 1809a, 77, t. h. *Locusta viridissima*, *L. verrucivora*; by Frisch & Roesel.—1809: Fil.
- locustarum* Oken, 1815a, 190, t. h. *Locusta*.—1815: Gord. (Fil.).
- locustinæ* Dies., 1851a, 96, t. h. *Locustina*; Sieb., 1842e, 153.—1851: Fil. 1851: Gord.
- lóczyi* Daday, 1894, 137; [aquatic; Balaton].—1894: *Cephalobus*.
- loqipes* Trav., 1915, 152, misprint for *longipes*.—1915: Cap. (Cap.).
- loliginis* Chiaje, 1823 to 1829. [nv.]; t. h. *Loligo vulg.*; Nap.—1823–29: Fil.
- lombricoides* Bosc, 1802a, v. 2, 36, for *lumbricoides*.—1802: Asc. 1855: *Ascarides*.
- lombricoides* Lacassagne, 1901a, 685, in *Homo*.—1901: *Oxyuris*.
- lomnickii* Grochmalicki, 1911, 372; Siwa-Woda, bei Szklo.—1911: *Trilobus*.
- loncheri* M. C. V. in Mol., 1858c, 382, t. h. *Loncheres ruia*; Matogrosso.—1858: Fil. [1858: *F. diacantha*.]
- loncheris* M. C. V. in Mol., 1861a, 560 (136), t. h. *Isotrix pachyura*.—1861: Str.
- lonchoptera* Dies., 1851a, 176, new name for *elephantis-indicis* and *elephantis*, t. h. *Elephas indicus*; M. C. V.—1851: Asc.
- lonchoptera* Stazzi, 1900, 6, for *lonchoptera* (Asc.).
- longa* Leidy, 1851b, 225, on soft mud in stagnant ditches; near Phila.—1851: *Anguilula*. [1914: *Trilobus*.]
- longa* Leidy, 1856b, 51, t. h. *Tantulus loculator*; Georgia, U. S. A.—1856: Asc.
- longareolatus* Montg., 1898, 334, San Francisco.—1898: Gord.
- longicaudata* Linst., 1879a, 174, t. h. *Megacephalon maleo*; Ing.—1879: Het.
- longecirrata* Linst., 1879a, 175, t. h. *Geopelia* sp.?, (*Dolchstichtaube*); Ing.—1879: Het. 1913: *Ascaridia*.

- longecirratus* Linst., 1879b, 332, t. h. *Bos grunniens*; Ing.—1879: Str. 1899: Sclerost. 1909: Bunost. 1911: Monodontus.
- longecirrata* Rail. & Henry, 1914, 678, for *longecirrata* (Ascaridia).
- longecolle* Trav., 1915, 148 for *longicolle* Rud., 1819.—[1819: *Trichosoma*.] 1915: Cap. (Cap.)
- longemucronatum* Mol., 1861a, 536, t. h. *Sus scrofa* dom.; Wien.—1861: Globoc., mt. 1895: Cystoc., mt. 1897: Ankylostomum (Doch.). [1897: Ancylostoma.] 1898: Unc. 1902: Characost., tod. 1906: Doch.
- longeorinatus* Mol., 1860c, 489, t. h. *Ciconia maguari*; Brazil.—1860: Disph. 1912: Acuaría (Hamannia).
- longespiculum* Rail. & Henry, 1916, 250, *Oxysoma brevicaudatum* Schneid., 1866, renamed.—1916: *Oxysomatium*, type.
- longestriata* Mol., 1860b, 958, t. h. *Picus campestris*, etc.; Brazil.—1860: Spiropt. 1861: Cheilospirura.
- longestriata* Stoss., 1902e, 4, t. h. *Lichia vadigo*, *Thynnus vulg.*; Sardegna, Portofer-raio.—1902: Asc.
- longesubulata* Mol., 1860b, 960, t. h. *Ciconia maguari*; Brazil.—1860: Spiropt.
- longesubulatum* Mol., 1861a, 460 (36), t. h. *Cervus campestris*, *C. rufus*; Brazil.—1861: Eucyathost. tsd. 1899: Sclerost.
- longevaginatus* Cast. & Chalm., 1910a, 1216, misprint for *longevaginatus* (Str.).
- longevaginatum* Linst., 1879b, 335, t. h. *Alauda arvensis*; Coll. Hering.—1879: Trichosoma. 1915: Cap. (Cap.).
- longevaginatus* Dies., 1851a, 317, t. h. *Homo*; Transylvania; M. C. V.—1851: Str. 1861: Metastr. 1874: Eustr.
- longevaginatus* Mol., 1860c, 486, t. h. *Ciconia maguari*; Brazil.—1860: Disph. 1912: Acuaría (Synhimantus).
- longicanda* Oerley, 1880a (b), 101 (89).—1880: Anguillula.
- longicauda* Claus, 1862b, 355, free in humus; by Claus.—1862: Diplogaster.
- longicauda* Cobb, 1893a, 819 (42), about roots of sugar cane; N. S. W.—1893: Neonychus, mt.
- longicauda* Cobb, 1893a, 825, about roots of sugar cane; N. S. W.—1893: Cephalonema, mt. 1905: Nanonema, mt.
- longicauda* Daday, 1899, 560.—1899: Monhystera.
- longicauda* Ehrenb. 1853 [nv.]; Dies., 1861a, 629.—1853: Anguillula.
- longicauda* Leidy, 1851b (1904a), 225 (55), in gutters; Phila.—1851: Anguillula
- longicauda* Leiper, 1911, 551, t. h. Zebra; Brit. E. Africa.—1911: Cylindropharynx.
- longicauda* Linst., 1876a, 12, in sand; Ratzeburgersee.—1876: Trilobus.
- longicauda* Linst., 1885d, 708, t. h. *Triton alpestris*, *T. cristatus*; Ing.—1885: Nematotoxys.
- longicauda* Man, 1893a, 85, free; Falmouth.—1893: Trefusia, mt.
- longicaudata* Bast., 1865c, 98, in pond; Tunbridge Wells.—1865: Monhystera.
- longicaudata* Bast., 1865c, 130, sandy soil about roots of wheat; Broadmoor, Berks.—1865: Rhabditis.
- longicaudata* Büetsch., 1873a, 114, in faulenden Pilzen; Ing.—1873: Rhabditis.
- longicaudata* Man, 1907, 230, free; Veere, Ierseke.—1907: Terschellingia.
- longicaudata* Man, 1912, 637, in Hyazinthenzwiebeln; Wageningen.—1912: Odontopharynx, mt.
- longicaudata* Meyer, 1896b, 78, t. h. *Julus*; Ceylon.—1896: Oxyuris.
- longicaudatus* Büetsch., 1873a, 82; Germany.—1873: Cephalobus.
- longicaudatus* Büetsch., 1873a, 92, Wurzeln verschiedener Pilzen; Ing.—1873: Plectus.
- longicaudatus* Büetsch., 1874b, 256, in garden soil; Germany.—1874: Dorylaimus.
- longicaudatus* Cobb, 1893b, 253 (4), on celery; Australia.—1893: Mononchus. 1916: M. (Mononchus).
- longicaudatus* Cobb, 1893b, 303 (54); in soil about banana plants; Fiji.—1893: Aphelelenchus.
- longicaudatus* Daday, 1894, 139, free; Balaton.—1894: Dorylaimus bastiani.
- longicaudatus* Man, 1884, 71, in moist soil; Germany.—1884: Ironus.
- longicaudatus* Southern, 1914a, 57; Clew Bay.—1914: Enoplus.
- longicaudis* Ehrenb., 1855, 226, see *longicauda*, 1853.—1855: Anguillula.
- longicirrata* Linst., 1903k, 115, t. h. *Galeopithecus volans*; Siam.—1903: Fil.
- longicirratus* Duj., 1845a, 148, t. h. *Pleuronectes platessa*; Rennes.—1845: Heligmus, mt.
- longicolle* of Duj., and of Eberth, see Rail., 1893a, 486.—1893: Trichosoma.
- longicolle* Rud., 1819a, 14, t. h. *Phasianus gallus*, etc.; Europe.—1918: Trichosoma. 1915: Cap. (Cap.).
- longicollis* Bast., 1865c, 133, tide-pools; Falmouth & Brighton.—1865: Symplocost., tsd.
- longicollis* Cobb, 1893b, 291 (43), about roots of banana plants; Fiji.—1893: Dorylaimus.

- longicollis* Cobb, 1917n, 438, at roots of pitcher plants and tamarack; Wisconsin.—1917: Mononchus (Prionchulus).
- longicollis* Daday, 1899, 565.—1899: Ironus.
- longicollis* Daday, 1899, 569.—1899: Cephalobus.
- longicollis* Pall., 1781a, 110, s. Echinor. lævis, t. h. Zungenfisch, Dorsch.—1781: Tænia. 1782: Echinor.
- longicollis* Schneid., 1866a, 120, t. h. Testudo græca; Ing.—1866: Oxyuris. 1916: Paracis, tod.
- longicollis* Schwartz, 1911, 35, in Veilchengalle; Greitz.—1911: Aphelenchus olesistus.
- longicollis* Stoss., 1899a, 6, t. h. Mullus barbatus; Istria.—1899: Dacnitis.
- longicollis* Villot, 1875a, 472, t. h. Larus ridibundus, Strepsilas interpres; Bretagne.—1875: Echinor.
- longicornis* Hempr. & Ehrenb. in Schneid., 1866a, 104, t. h. Numenius arquatus, etc.; Egypt.—1866: Ancyracanthus. [1866: Tetracanthus, mt.] 1916: Schistorophus, tod.
- longifilum* Duj., 1845a, 27, t. h. Accentor modularis; Rennes.—1845: Calodium. 1851: Trichosomum (Calodium). 1915: Cap. (Cap.).
- longii* Menz., 1914, 67, misprint for langii (Dorylaimus).
- longilobatus* Leidy, 1870, 194; U. S. A.—1870: Gord.
- longipene* Mol., 1861a(b), 446(22), t. h. Tapirus americanus; Brazil.—1861: Oesophagost.
- longipene* Polonio, 1859 [nv.]; Par., 1894a, 216, 627, t. h. Anguis fragilis; Padua.—1859: Asc.
- longipes* Rans., 1911, 15, t. h. Antilocapra americana, Ovis aries; U. S. A.—1911: Cap. [1915: Cap. (Cap.).]
- longirostris* Southern, 1914a, 62; Clew Bay.—1914: Desmoscolex.
- longirostris* Van Cleave, 1913, 182, t. h. Dorosoma cepedianum; Ill. River, Havana, Ill.—1913: Neor. 1914: Eor. 1916: Neoechinor.
- longisetosa* Southern, 1914a, 35; Clew Bay.—1914: Fiacra.
- longispiculum* Sons., 1889c, 236, t. h. Python molurus; Mus. Pisa.—1889: Trichosoma. 1915: Cap. (Cap.).
- longissima* Eberth, 1863a, 21, under corals; Nice Harbor.—1863: Phanoglene. 1865: Leptosomatum.
- longissima* Müell., 1776a, 214.—1776: Asc.
- longissima spiculatus* Romanovitch, 1915, 451, t. h. Tarandus rangifer; Tobolsk.—1915: Microc., tod.
- longissimus* Cescalpin [nv.]; R. Bl., 1888a, 727.—1888: Dracunculus.
- longissimus* Fedtsch., 1874a, 58.—1874: Mermis.
- longissimus* Römer, 1895b, 796, in Saturnia; Südsee.—1895: Gord.
- longistipes* Rail. & Henry, 1909a, t. h. dromadaire; Africa, India.—1909: Hæmonchus.
- longistriata* Par., 1902c, 14, for longestriata (Asc.).
- longuirostrum* Schep., 1907a, 159; Bergen & Nap.—1907: Chætosoma.
- longus* Cobb, 1894c, 415, in marine sand; Port Jackson, Australia.—1894: Laxus, tsd.
- longus* Grassi, 1885b, 251, in coniglio, donnola, porco, pecora; by Grassi.—1885: Rhabdonema. 1888: Strongyloides.
- longus et rotundus* Serapion [nv.]; R. Bl., 1888a, 661.—1888: Lumbricus.
- longus bovis* Gaspari, 1912, 250, t. h. Bos taurus; Torino.—1912: Strongyloides.
- longus* Kratzenstein, 1748a, 1.—1748: Lumbricus.
- lophii* Gmel., 1790a, 3050, t. h. Lophius piscatorius; quotes Müell.—1790: Echinor.
- lophii* Müell., 1789a, 53, t. h. Lophius piscatorius.—1789: Asc. 1803: Fus. [1809: Asc. rigida.]
- lophii-piscatoris* Dies., 1861a, 727, t. h. Lophius piscatorius; by Wedl.—1861: Agamonema. 1896: Asc.
- lophotis* M. C. V. in Mol., 1858c, 401, t. h. Muscicapa lophotes; Brazil.—1858: Fil. [1858: F. sphærophora.]
- lotæ* Linst., 1885b, 240, t. h. Lota vulg.; Ing.—1885: Asc.
- lou* Zool. Rec., 1878 (for 1876), v. 13, 17, misprint for loa (Fil.).
- lubricoides* Stringfield, 1889a, 207, for lumbricoides (Asc.).
- lucani* Frœl., 1802a, 51, t. h. Lucanus capreolus; by Frœl.—1802: Asc. 1851: Anguillula. 1861: Isacis.
- lucasi* Stiles & Hass. in Stiles, 1901p, 532, t. h. seal pups; Alaska.—1901: Unc.
- lucii* Müell., 1779a, 90, t. h. Esox lucius; by Müell.—1779: Echinorhynchus. [Echinor.] 1911: Acanthoc.
- lucii* Viborg, 1795a, 244 [nv.]; Lühe, 1904f, 248.—1795: Echinor. 1904: Echinor.
- luciopercæ* Schrank, 1788a, 14.—1788: Cucullanus. 1790: C. lacustris.

- ludwigii* Man, 1910, 362, im weissen Schleimfluss der Eichen; by Man.—1910: *Anguillula*.
- lugarensis* Steiner, 1914, 423; am Luganersee, Switz.—1914: *Dorylaimus*.
- lugdunensis* Man, 1880a, 93, in sand; Holland.—1880: *Dorylaimus*.
- lumbricalis* Bloch [nv.]; Lam., 1801a, 339.—1801: *Asc*.
- lumbrici* Dies., 1861a, 725, t. h. *Lumbricus* sp.; Lieberk., 1885.—1861: *Nematodum*.
- lumbrici* Gmel., 1790a, 3037, t. h. *Lumbricus*; Gœze, 1782a, 110.—1790: *Asc*. 1803: *Fus*. 1851: *Anguillula*.
- lumbrici-terrestris* Modeer, 1790a, 127.—1790: *Asc*. [1803: *Asc. talpæ*.]
- lumbrici-terrestris* Rud., 1810a, 288, s. *minutissima*.—1810: *Vermis* (*dubius*). 1819: *Dubium*.
- lumbricoides* Bloch, 1779a, 553, in birds.—1779: *Asc*. 1779: *Fasciola*.
- lumbricoides* Linn., 1758a, 648, t. h. *Homo*; Europe.—1758: *Asc*, tsd. 1800: *Fus*. 1897: *Askaris*.
- lumbricoides* Muell. [nv.]; Gœze, 1782a, 143.—1782: *Echinor*. 1893: *Gigantor*.
- lumbricoides* (*asini-ferti*) Rud., 1809a, 125, based on Pall., 1781.—1809: *Asc*.
- lumbricoides canis* Rud., 1805a, 35.—1805: *Asc*.
- lumbricoides equi* Rud., 1809a, 125, refers to Bloch, 1782.—1809: *Asc*.
- lumbricoides equorum* (Gœze, 1782) Zed., 1800a, 20, see *equorum*.—1800: *Fus*.
- lumbricoides* (*hominis*) Rud., 1809a, 124, t. h. *Homo*.—1809: *Asc*. [See *lumbricoides*, *hominis*.]
- lumbricoides hominum* (Gœze, 1782) Zed., 1800a, 20, see *hominum*.—1800: *Fus*.
- lumbricoides rostratus* Scortegagna, 1848a, 245, t. h. *Homo*; Italy.—1848: *Asc*.
- lumbricoides suilla* (Duj., 1845) Petrunkevitch, 1916, 79.—1916: *Asc*.
- lumbricoides suis* (Gmel., 1790) Zed. 1800a, 20, see *suis*.—1800: *Fus*. 1901: *Asc*.
- lumbricoides suum* (Gœze, 1782) Rud., 1809a, 125, for *suis* of Zed.—1809: *Fus*.
- lumbricoides tauri* Rud., 1805a, 35.—1805: *Asc*.
- lumbricordis* Sons., 1897, 255, misprint for *lumbricoides* (*Asc*.).
- lumbriculi* Linst., 1895a, 526, t. h. *Lumbricus variegatus*; Gœtt.—1895: *Rhabditis*.
- lumbriculi-limosi* Leidy, 1852b, 243, t. h. *Lumbriculus limosus*; by Leidy; Dies., 1861a, 725.—1852: *Nematodeum integumentii*. 1861: *Nematodum*.
- lunata* Linst., 1904o, 493, t. h. *Herpetodryas carinata*; Honduras.—1904: *Asc*.
- lunata* Linst., 1908, 24, t. h. *Testudo smithi*; Africa.—1908: *Oxyuris*.
- lunatus* Trav., 1914, 325 (5), t. h. *Bos taurus*; Rio de Jan., Peuha.—1914: *Hæmonchus*. 1914: *Hæmonchus*.
- lunula* Muell., 1786a, 52, 55; Ehrenb., 1838a, 82.—1786: *Vibrio*. [1838: *Closterium*.]
- lupi* Gmel., 1790a, 3031, t. h. *Canis lupus*; Redi.—1790: *Asc*. [1898: *Asc. mystax*.]
- lupi* Rud., 1809a, 242, t. h. *Canis lupus*; by Heyse.—1809: *Str*.
- lupi* Wepfer [nv.]; Mol., 1859, 935.—1859: *Lumbricus*.
- lutzi* von Ihring, 1902a, for *lutzi* 1891 (*Echinor*.).
- lutzi* Hamann, 1891a(b), 95 (208), t. h. *Bufo agui*; Brazil.—1891: *Echinor*.
- lycænæ-betulæ* Dies., 1851a, 101, t. h. *Lycæna betula*; by Werner.—1851: *Fil*. 1851: *Gord*.
- lycænæ-quercus* Dies., 1851a, 101, t. h. *Lycæna quercus*; by Werner.—1851: *Fil*. 1851: *Gord*.
- lycosæ* Leidy, 1856b, 58, t. h. *Lycosa scutulata*.—1856: *Fil*. [1856: *Mermis robusta*.]
- lymnæi* Dies., 1851a, 137, t. h. *Lymnæus stagnalis*; by Baer.—1851: *Phacelura*.
- lymnæi-stagnalis* Dies., 1851a, 137, t. h. *Lymnæus stagnalis*; by Baer.—1851: *Fil*. [1851: *Phacelura lymnæi*.]
- lymnophilus* Man [nv.]; Daday, 1905, 328.—1905: *Dorylaimus*.
- lymphatica* Treutler, 1793a, 10, t. h. *Homo*; Europe.—1793: *Hamularia*, mt. [1819: *Hamularia*.] 1860: *Fil*.
- lyræ* Rud., 1819a, 59, t. h. *Trigla lyra*; Nap.—1819: *Asc*. [1896: *Asc. capsularia*.]
- mabuia* Linst., 1907, 84, t. h. *Mabuia multifasciata*; Java.—1907: *Echinor*.
- macaci* Smith, A. J., 1908a, 268, t. h. *Macacus nemestrinus*; Phila. Zool. Garden.—1908: *Globoc*.
- macdonaldi* Bell, 1881, 6, for *macdonaldii*.—1881: *Pterygodermatites*. 1881: *Pterygodermatites* [*Rictularia*.] 1889: *Ophiost.* (*Pterygodermatites*). 1909: *Rictularia*.
- macdonaldii* Dobs., 1880b, 412, t. h. *Megaderma frons*; from Cape-Coast Castle.—1880: *Pterygodermatites*.
- macieli* Trav., 1915, 388 (3), t. h. *Tatus* (*Tatus*) *novemcinctus*; Brazil.—1915: *Trichostr.*
- macintoshii* Stewart, 1914, 165, t. h. *Bufo stomaticus*, *Rana tigrina*; Lucknow.—1914: *Oxysoma*.
- macracanthus* Brems. in Westrumb, 1821a, 7, t. h. *Charadrius pluvialis*; Mus. Wien.—1821: *Echinor*.
- macrocanthus* Marval, 1904, 581, for *macracanthus* (*Echinor*.).

- macrocephala* d'Udekem, 1859, 560.—1859: Isacis. [1859: Rhabditis.]
macrocephalum Schep., 1907a, 158; Bergen & Nap.—1907: Chætosoma.
macrocephalus d'Udekem, 1859a, 557, t. h. *Julus terrestris*; by d'Udekem.—1859: Rhabditis. [1859: Isacis.] 1861: Isacis.
macrocerca Stoss., 1902e, 3, t. h. *Lophius budegassa*; Genova.—1902: Asc.
macrodon Oerley, 1880a (b), 113 (101).—1880: Diplogaster.
macrodoroides Steiner, 1914, 436; Airola, Gotthard.—1914: Dorylaimus.
macrodorus Man, 1880a, 81, in moist soil; Holland.—1880: Dorylaimus.
macrogaster Fuchs, 1914, in 688–692 [nv.]; 375; 1915, 129; in *Mulm des Ips typographus*.—1914: Tylenchus.
macrolabium Stoss., 1897a, 2, t. h. *Serranus gigas*; Nap.—1897: Asc.
macrolaima Schneid., 1866a, 159, in moist soil and decaying substance; Ing.—1866: Lep-
todera. 1880: Rhabditis.
macrolaima Stewart, 1914, 253, lapsus for *megalaima* (Monhystera).
macrolaimoides Steiner, 1915, 234, marine; Sumatra.—1915: Chromadora.
macrolaimus Cobb, 1917n, 465, see *muscorum macrolaimus*.—1917: Mononchus.
[(*Prionchulus*).]
macrolaimus Man, 1884a, 191, in marshy ground; Nederland.—1884: Dorylaimus.
1907: Chromadora.
macrolaimus Linst., 1899b, 21, t. h. *Testudo pardalis*; Africa.—1899: Oxyuris.
macrolaimus Linst., 1904o, 491, in marine flora; Saralaw.—1904: Neomermis, mt.
macrolaimus Linst., 1906, 5, t. h. *Centrurus subelegans*; Venezuela.—1906: Fil.
macrolaimus Linst., 1906, 169, t. h. *Plotus melanogaster*; Wirawila, Ceylon.—1906:
Disph. 1912: Acuaris.
macrolaimus Linst., 1908, 27, free; Lüderitzbucht, Africa.—1908: Enoplus.
macrolaimus Southern, 1914a, 44; Clew Bay.—1914: Oncholaimus.
macronis Stewart, 1914, 170, t. h. *Macrones aor*; Lucknow.—1914: Het.
macrophallus Par., 1889c (1890), 778 (14), t. h. *Hydrosaurus salvator*; Birmania.—1889
Fil. [1909: F. (*Diplotriana*).]
macrophallus Man, 1880a, 76, in moist soil; Holland.—1880: Tylenchus.
macrophthalms Eberth, 1863a, 35, marine; Nizza.—1863: Enoplus.
macropi-majoris Cat. RCL, 1830, 37, t. h. kangaroo.—1830: Fil.
macropi-majoris Fletcher, 1884 (for 1883), 388, t. h. *Macropus major*; N. S. W.—1884:
Fil.
macropodis-gigantei Dies., 1851a, 280, for *macropi-majoris* (Fil.).
macroptera Dies., 1851a, 182, t. h. *Champsia nigra*; Brazil.—1851: Asc.
macrorhynchus Dies., 1851a, 47, t. h. *Vastres cuvieri*; Borbæ & Rio Branco, Brazil.—
1851: Echinor.
macrosoma Mar., 1870a, 17; Pharo, Endoume, Joliette.—1870: Stenolaimus.
macrosoma Villot, 1875, 466; Med.—1875: Anticoma.
macrostoma Bast., 1865c, 101, in pool; Falmouth.—1865: Mononchus. 1916: M. (Monon-
chus).
macrostoma Linst., 1875a, 200, t. h. *Anguis fragilis*; Ing.—1875: Angiost.
macrostoma armatus Daday, 1894, 134, aquatic; Balaton.—1894: Mononchus.
macroura Linst., 1883a, 293, t. h. *Megaloperdix nigelii*; Turkestan.—1883: Het.
macroura Linst., 1879a, 167, in moist soil; Ing.—1879: Rhabditis.
macrourus Brems., in Westrumb, 1821a, 12, t. h. *Ardea purpurea*; Mus. Wien.—1821:
Echinor.
macrourus Linst., 1876, 7, in moist moss; Ratzeburg.—1876: Dorylaimus. 1876:
Dorylaimus.
macrura Dies., 1851a, 134, *diesingi* renamed, t. h. *Blatta orientalis*; Wien.—1851:
Anguillula.
macrura Man, 1880a, 7, in moist soil; Holland.—1880: Monhystera.
macruri Linst., 1888a (b), 7, t. h. *Macrurus rudis*; Challenger.—1888: Asc.
macruroides Linst., 1888a (b), 7, t. h. *Macrurid*; Sta. 147, Challenger.—1888: Asc.
macrurus Daday, 1899, 568.—1899: Prismatolaimus.
macrurus Daday, 1899, 570.—1899: Cylindrolaimus.
maculatus Daday, 1905, 60, fresh water; Paraguay.—1905: Bathylaimus, mt.
maculatus Linst., 1883a, 300; Turkestan.—1883: Gord. 1905: Parachord.
maculosa Rud., 1802a, 22, t. h. *Columba dom. gutturosa*; Greifsw., by Rud.—1802:
Asc. 1803: Fus. 1809: Asc. 1845: Asc. (*Ascaridia*). 1866: Het. 1912: Ascar-
idia.
madagascariensis Cam., 1893b, 1, t. h. mantide; Madagascar.—1893: Gord. 1896: Chord.
madagascariensis Linst., 1897i, 27, t. h. *Potamochoerus edwardsii*; Madagascar.—1897:
Asc.
mænæ Dies., 1851a, 339, t. h. *Mæna vulg.*; M. C. V.—1851: Nematoideum.
mænæ Rud., 1819a, 58, t. h. *Sparus mænæ*; Rimini.—1819: Asc.
mænæ-zebræ Stoss., 1897a, 3, t. h. *Mæna zebra*; Trieste.—1897: Asc. [See *adunca*.]

- magalaei* Lane, 1917, 758 for *Ascaridia magalhãesi*.—1913: Het.
magalhães Graff, 1907, 116, misprint for *magalhães* (Fil.).
magalhaensi Moniz, 1913, 206, for *magalhães* (Microfil.).
magalhães Daniels, 1898a, 1012, misprint for *magalhães* (Fil.).
magalhães A. D. & E., 1901b, 43, for *magalhães* (Fil.).
magalhaesi A. D. & E., 1901b, 49, for *magalhães* (Fil.).
magalhaesi Mans., 1903e, 546, for *magalhães* (Fil.).
magalhães R. Bl., 1895, 771, t. h. Homo; Rio de Jan.—1895: Fil. 1911: Dirof. fil.
magalhães Trav., 1913, 290, t. h. *Geotrygon montana*; Brazil.—1913: *Ascaridia*.
magalhensi Moniz, 1914, 71, misprint for *magalhães* (Microfil.).
magalhési Penel, 1905a, 113, for *magalhães* (Fil.).
magdonaldi Par., 1898a, (b), 117, for *macdonaldi* (Ophiost.).
magnicollis Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: *Dorylaimus*.
magnilabiatius Mol., 1860c, 497, t. h. *Platalea ajaja*; Bazil.—1860: Disph. 1912: *Acuaria* (*Cheilospirura*).
magnipapilla Linst., 1906, 112, t. h. *Tetrao tetrix*; Friedland.—1906: Het. 1914: *Ascaridia*.
magnipapilla Mol., 1860d, 657, t. h. *Myrmecophaga bivittata*; Caiçara, Brazil.—1860: *Physalopt*.
magnival vis Crep., 1846a, 154, t. h. *Callionymus lyra*; Mus. Zool. Stockh.—1846: Asc.
magnum Villot, 1875, 458; Roscoff.—1875: *Leptosomatum*. 1889: *Cylicolaimus*, mt.
magnus Skrj., 1913, 404, t. h. *Fuligula rufina*; Russian Turkestan.—1913: *Polymorphus*.
magretti Marval, 1905a, 205, for *magrettii* (Echinor.).
magrettii Par., 1885, 441, t. h. *Buceros erythror.*; Kassala, Sudan.—1885: Echinor.
major A., D., & E., 1901b, 31, t. h. *Hyphantornis*, etc.; Nigeria.—1901: Fil. spiralis *avium*.
major Brems. in Westrumb, 1821a, 9, t. h. *Erinaceus europæus*; Wien.—1821: Echinor. 1908: *Gigantor*.
major Cobb, 1893b, 257 (8), in damp soil about roots of plants; N. S. W.—1893: *Mononchus*. 1916: M. (*Mononchus*).
major Dies., 1851a, 563.—1851: Asc. *astrophididis-tigridis*.
major Duj., 1845a, 135; quotes Raspail, 1830 (1829b).—1845: Str. 1851: Str. *inflexus*.
major Fuchs, 1914, in 688–692; 1914, 375; 1915, 154; in *Mulm des Ips typographus*.—1914: *Tylenchus*.
major Gurlt, 1831 [nv.]; Dies., 1851a, 211, t. h. *Equus cab.*—1851: Spiropt. *megast*.
major Leiper, 1910, 25, t. h. *Felis leo sabakiensis*; Kilimandjaro.—1909: *Lagochilasc*.
major Mans., 1891b, 4, t. h. Homo.—1891: Fil. *sanguinis hominis*. 1910: Fil.
major Mol., 1861a (b), 575 (151), t. h. *Rhea americana*; Caiçara, S. America.—1861: *Deletroc. dimidiatus*.
major Rud., 1809a, 129; based on Gœze, 1782.—1809: Asc. *teres galli*. See *gallinarum*, *inflexa*, *vesicularis*.
major Rud., 1819a, 34, t. h. *Lepus timidus*; by Treutler.—1819: Str. *retortæformis*.
major Rud. of Rayer, 1843b, 9, in *Equus*, for *armatus major*, *intestinalis* (Str.).
major Southern, 1914a, 42; Clew Bay.—1914: *Demania*.
major astrophididis-tigridis Dies., 1851a, 195, t. h. *Astrophis tigris*; by Lamarepicquot.—1851: Asc.
major intestinalis Rud., 1809a, 204.—1809: Str. *armatus*. 1851: *Sclerost. armatum*.
makulosa Schneidem., 1896a, 323, for *maculosa* (Het.).
malabareicus. See Pall. (1760a), 1768a, 256.—(1760) 1768: Gord.
malayana Aless., 1905, 31, t. h. *Helarctos* (*Ursus*) *malayanus*; by Aless.—1905: Unc. 1909: *Ankylostoma*. 1911: *Agchylostoma*. 1916: *Ancylostoma* (*Ceylancylostoma*).
malayanicum F., S., & T., 1916a, 838, for *malayanum* (*Ancylostoma*).
malleus Linst., 1883a, 283, t. h. *Corvus cornix*; Turkestan.—1883: *Physalopt*.
malleus Müell., 1773b, 47, in aquis putei copiose.—1777: *Vibrio*. [1827: *Cercaria furcata*.]
maluri-longicaudæ Dies., 1851a, 335, t. h. *Malurus longicauda*; Calcutta.—1851: *Nematoideum*.
mamillaris Mol., 1860c, 499, t. h. *Corvus cajanus*; Brazil.—1860: Disph. 1912: *Acuaria*.
mamillata Linst., 1897i, 30, t. h. *Plestiodon aldrovandi*; Mus. Koenigsb.—1897: *Oxyuris*.
mammillaris Stoss., 1891b (c), 95 (15), for *mamillaris* (Disph.).
manica Duj., 1845a, 22, t. h. *Fringilla cœlebs*; Rennes.—1845: *Thominx*, mt. 1851: *Trichosomum* (*Thominx*). 1915: Cap. (*Thominx*).
manidis Dies., 1851a, 190, t. h. *Manis pentadactyla*; India, Ceylon; teste Whitefield.—1851: Asc.

- manifestus* Leidy, 1856b, 48, t. h. *Picus collaris*.—1856: *Echinor*.
mansioni Seur., 1914, 427, in Buse, cf. *Buteo vulg.*; Corse.—1914: *Habronema*.
masoni Cast. & Willey, 1904, 79, t. h. *Mabuia carinata*; Colombo, Ceylon.—1904: *Fil*.
masoni Cobbold, 1879b, 440, t. h. *Gallus gallus*; Amoy.—1879: *Fil*. 1903: *Spiropt*. 1904: *Oxyspirura*.
masoni Huber, 1896a, 604, for *sanguinis hominis*.—1896: *Fil*.
mantidis-pustulata Linst., 1879b, 336, t. h. *Mantis* (*Polyspilota*) *pustulata*; Gold Coast.—1879: *Gord*.
mantidis-religiosæ Dies., 1851a, 110, t. h. *Mantis religiosa*; Mus. Freiburg.—1851: *Mermis*.
marænzæ Gmel., 1790a, 3037; based on Kœlreuter.—1790: *Asc*. 1803: *Fus*. [1809: *A. albulæ*.]
marænzæ Gmel., 1790a, 3049, s. *sipunculoides*, t. h. *Maræna*.—1790: *Echinor*.
marcii Porta, 1910, 702, t. h. *Cinclus aquaticus*; Firenze.—1910: *Corynosoma*.
marchouxi Mesnil & Brimont in Brimont, 1909, 170, t. h. *Midas midas*; Guyane.—1909: *Microfil*.
marexæ Dies., 1851a, 194, t. h. *Anas penelope*; Ireland.—1851: *Asc*.
marginata Rud., 1802a, 11, t. h. *Canis dom.*; by Rud.—1802: *Asc*. 1803: *Fus*. 1809: *Asc*. [1888: *A. mystax*.] [Cf. *mystax*, *werneri*.] [1907: *Belasc*.] 1911: *Belasc*.
marginata Rud. of Leiper, 1907.—1911: *Toxasc*.
marginata microptera (Rud., 1819a) Duj., 1845a, 160.—1845: *Asc*.
marina Bast., 1865c, 129, marine; Falmouth.—1865: *Rhabditis*.
marina Bütsch., 1874b, 269, in Kieler Bucht.—1874: *Tripyla*. [See 1886: *Tripyloloides*.]
marina Bütsch., 1874b, 285, *Austernbænke*; bei Sylt.—1874: *Odontophora*, mt.
marinum Leidy, 1855 (1904a), 144 (78), oyster bed in a sound; near Atlantic City, N. J.—1855: *Pontonema*. 1878: *Pontamonema*.
marinus Duj., 1845a, 231, among algæ in sea water; Lorient.—1845: *Dorylaimus*.
marinus Linn., 1758a, 648, in fundo maris subarena.—1758: *Lumbricus*.
marinus Linn., 1767a, 1075, in Maris Norwegicis, piscibus, frequentissime in visceribus *Clypeæ halecis*.—1767: *Gord*. 1780: *Asc*. 1790: *Asc*. 1791: *Proboscidea*. 1794: *Ascarides*. 1799: *Fil*. 1803: *Fus*. 1809: *Fil*. [1809: *Fil. piscium*.]
marinus Müell., 1779a, 99, t. h. *Gadus*; by Müell.—1779: *Cucullanus*. 1914: *Dacnitis*.
marinus Müell., 1783, 163, in sea water.—1783: *Vibrio*. 1786: *Anguillula*. 1786: *Vibrio anguillula*. 1836: *Enchelidium*, mt.
marinus Velsch, 1874a, pl. 2, s. *Seta aquatica*.—1874: *Vitulus*.
marioni Man, 1888a, 32, free; North Sea.—1888: *Dolicholaimus*, mt.
marioni Southern, 1914a, 23; Clew Bay.—1914: *Stenolaimus*.
marionis Maupas, 1900a, 506, on lombrics; from Normandie.—1900: *Rhabditis*.
maritima Leuck., 1876a, 877, t. h. *Homo*; Greenland.—1876: *Asc*. 1896: *Ascoria*.
maritimus Ditlevsen, 1913, 429, free; Greenland.—1913: *Dorylaimus*.
marquay Graff, 1907, 116, misprint for *demarquay* (*Fil*.).
marshalli Rans., 1907k, 3, t. h. *Ovis aries*; Montana.—1907: *Ostertagia*.
marsoni Linst., 1907, 172, misprint for *masoni* Cast. & Willey (*Fil*.).
martini Lebœuf & Ringenbach, 1910, 951, *Gerrhosaurus nigrolineatus*; Congo.—1910: *Microfil*.
martis Gmel., 1790a, 3031, in *martis* intestinis; teste Gœze.—1790: *Asc*. 1803: *Fus*. 1809: *Asc*. [Cf. *mystax*.]
martis Gmel., 1790a, 3040, t. h. *Martes*; teste Redi.—1790: *Fil*., tsd.
martis Schrank, 1788a, 8, *Marder*, etc., (kidney); teste Redi.—1788: *Asc*. [Cf. *Eustr. gigas*, *Diectophyme renale*.]
martis Werner, 1782a, 9.—1782: *Gord*.
martis et canis renalis Dies., 1851a, 327, refers to *Lumbricus* in *martis* rene of Redi.—1851: *Lumbricus*.
mascula Rud., 1819a, 653, t. h. *Coluber* sp.; Brazil.—1819: *Asc*.
masculior Rail. & Henry, 1911, 14, t. h. *Fennecus zerda*.—1911: *Belasc*.
mastigodes Nitzsch in Gieb., 1857a, 268, t. h. *Equus cab.*; Germany.—1857: *Oxyuris*. 1901: *Oxyuris equi*.
mastigoides Gough, 1908, 3, for *mastigodes* 1857, in *Equus*.—1908: *Oxyuris equi*. 1911: *Oxyuris*.
matmatæ Weiss, 1914 [nv.]; Seur., 1914, 524.—1914: *Microfil*.
matronensis Rail. & Henry, 1910, 153, t. h. *Corvus cornix*; Alfort.—1910: *Aprocta*.
matutina Menge, 1866, 5, in *Chironomus*.—1866: *Mermis*.
maupasi Potts, 1910, 439; Norfolk Broads.—1910: *Diplogaster*.
mauritanicus Maupas & Seur., 1912, 628, t. h. *dromadaire*; Ghardaia, Mزاب.—1912: *Nematodirus*.

- maris* Leiper, 1909, 337, t. h. *Turdus musicus*; Scotland.—1909: Fil.
maxillaris Mol., 1860d, 645, t. h. *Mephitis chinche*; Brazil.—1860: Physalopt.
maxillaris Mol., 1861a, 494 (70), t. h. *Procyon cancrivorus*; Ypanema.—1861: Doch.
 1899: Unc.
maximus Büetsch., 1874b, 255, in garden soil; Germany.—1874: Dorylaimus.
maximus Schep., 1907a, 141; Nap.—1907: Desmoscolex.
mazzantii Rail., 1893a, 532, t. h. *Columba dom.*; by Mazzanti.—1893: Fil.
medenensis Aless., 1838, 2, misprint for *medinensis* (Fil.).
media Crep., 1825a, 11, t. h. *Falco fusco-ater*; by Schill.—1825: Spiropt.
medina Grundler, 1740a, 329.—1740: Vena.
medinensis Linn., 1758a, 647, t. h. *Homo*; India.—[1674: Vena. 1740: Vena. 1740: Vermis.] 1758: Gord. [1759: *Dracunculus*.] 1773: Vena, mt. 1773: *Dracunculus*, mt. 1790: Fil. 1795: *Furia vena*. 1828: Vena. 1851: Vermis. 1914: Microfil.
medinensis Rosa, 1794a, 2, in *Mustela foina*.—1794: Fil. [1851: *F. quadrispina*. 1858: *F. perforans*. 1916: *F. martis*.]
medinentis Dewitz, 1892b, 146, misprint for *medinensis* (Fil.).
mediospiralis Mol., 1860b, 968, t. h. *Dasyprocta aguti*, *Tapirus americanus*; Brazil.—1860: Spiropt. 1916: Physoc.
mediterranea Man, 1877b, 108; Med.—1877: Spira. [1888: *Aræolaimus*.]
medius Lint., 1907, 88, t. h. *Mycteroperca apua*; Bermuda.—1907: Echinor.
medius Reinhard, 1881, 592; Odessa.—1881: Desmoscolex.
megacantha Leidy, 1887b, 20, t. h. *Asio accipitrinus*, *Strix brachyotus*; Penn.—1887: Fil.
megacephala Sieb., 1850c, 665, for *megaloc.* (Asc.).
megacephalus Westrumb, 1821a, 14, t. h. *Coluber maculatus*; Brazil.—1821: Echinor.
megalacephalus Am. J. Vet. Med., 1912, 28 for *megalcephala* (Asc.).
megalæma Mathis & Leger, 1911, 411, t. h. *Megalæma cyanotis*; Tonkin.—1911: Microfil.
megalaima Stewart, 1914, 250, free; Chilka Lake.—1914: Monhystera.
megalaimus Cobb, 1893b, 254 (5), lapsus and nomen nudum for *gymnolaimus* (Mononchus).
megalaimus n. sp. Cobb, 1917n, 438, about roots of plants in a tamarack swamp; Wisconsin.—1917: Mononchus (Mononchus).
megalhaes Daniels, 1898a, 1012, misprint for *magalhæsi* (Fil.).
megalhaesi Mans., 1897d, 1837, for *magalhæsi* (Fil.).
megalhæsi Mans., 1901c, 562, misprint for *magalhæsi* (Fil.).
megalcephala Cloq., 1824a, 58, t. h. *Equus* cab.; Europe.—1824: Asc. 1898: *Ascaris*. [1898: *megalcephala* Krabbe, 1869b, 283, t. h. *Tringa alpina*; Schleswig, etc.—1869: *Tænia*. 1902: *Trichocephaloides*. 1908: *Trichocephalus*.]
megalcephala bivalens Sabaschnikoff, 1897a, 82.—1897: Asc.
megalcephala trivalens Zach., 1912, 718.—1912: Asc.
megalcephala univalens Mayer, 1908, 500.—1908: Asc.
megalocerca Skrj., 1916, 65, in *Geckonidæ*, gen.? sp.?—1916: *Oxyuris*.
megalochila Dies., 1851a, 278, t. h. *Zacholus austriacus*; M. C. V.—1851: Fil. [1861: *Schizocheilonema*, type.] 1861: *Tricheilonema*, mt.
megaloon Linst., 1906, 169, t. h. *Hemidactylus leschenaultii*; Mamadu.—1906: *Oxyuris*.
megalostoma Crep., 1829b, 6, t. h. *Falco nesus*; Greifsw., by Barkow.—1829: Physalopt. 1845: Spiropt.
megarhynchus Linst., 1892h (i), 70 (12), t. h. *Notothenia coriiceps*; S. Georgien.—1892: Echinor.
megastoma Eberth, 1863a, 26; Nizza.—1863: Oncholaimus.
megastoma Rud., 1819a, 22, t. h. *Equus*; Berl.—1819: Spiropt. 1849: *Spirura*. 1866: Fil. 1914: *Habronema*.
megastoma major Gurlt, 1831 [nv.]; Dies., 1851a, 211; t. h. *Equus* cab.—1831: Spiropt.
megatyphlon Rud., 1819a, 47, t. h. *Lacerta iguana*; Ing.—1819: Asc. 1845: *Ozolaïmus*, mt. 1866: *Oxyuris*.
megalcephala Weinberg, 1907, 17, misprint for *megaloc.* (Asc.).
melancholica Leidy, 1877d, 197, t. h. earth worm; by Leidy.—1877: *Anguillula*.
melancholicus Man, 1880a, 35, in sand; Holland.—1880: *Cylindrolaimus*.
melanocephalus Nierstrasz, 1907, 2; Kawasana, Malay Archipel.—1907: *Nectonema*.
melanocephalus Rud., 1819a, 20, t. h. *Scomber colias*, etc.; Nap.—1819: *Cucullanus*. 1915: *Camallanus*.
meleagrina Kollar in Oerley, 1882b, 310, t. h. pearl oyster.—1882: Asc.
meleagrina Linst. in Shipley & Hornell, 1904a, 78, t. h. *Balistes mitis*, etc., Ceylon.—1904: Asc.

- meleagris* Trav., 1915, 156, for *meleagris-gallopavo* 1912, t. h. *Meleagris gallopavo*; Turin.—1915: Cap. (Thominx).
- meleagris-gallopavo* Barile, 1912, 126, t. h. *Meleagris gallopavo* dom.; Turin.—1912: Trichosomum.
- meleagris-gallopavonis* Dies., 1851a, 302, t. h. *Meleagris gallopavo*; Ireland, Bellingh., 1844a, 105.—1851: Str.
- melinus* Fabr., 1794a, 12, melis 1788 renamed.—1794: Str.
- melis* Schrank, 1788a, 15, t. h. Dachs; Goeze.—1788: Str. 1789: Unc. type. 1791: Asc. [Cf. *U. criniformis*. 1802: Str. crinif.] 1809: Asc. [1809: Str. crinif. 1851: Doch. crinif.]
- melitensis* Guthrie, 1799a, 397, t. h. Homo; Russia.—1799; Lumbricus.
- mellio* F., S., & T., 1916, 883, misprint for *pellio* (Rhabditis).
- membranosa* Schneid., 1866a, 157, t. h. *Rana* sp.; Brazil.—1866: Leptodera. 1880: Rhabditis.
- mentulata* Rail. & Henry, 1909a, 87, t. h. dromadaire; India.—1909: Ostertagia.
- menuræ* Johnst., 1912, 83, t. h. *Menura superba*; Gosford, N. S. W.—1912: Echinor.
- menzelii* Hofmæn, in Hofmæn. & Menz., 1914, 84 littoral; Léman, Lac de Joux, etc.—1914: Microlaimus.
- mephites* Solanet, 1909, 90, t. h. *Mephites suffocans*; Buenos Aires.—1909: Physalopt.
- mephites* Solanet, 1909, 92, t. h. *Mephites suffocans*; Buenos Aires.—1909: Agchilostoma. [Cf. *conepati*.] [1909: *Ancylostoma*.] 1911: Agchyllostoma.
- mephitidis* Gmel., 1790a, 3032, t. h. *Mephitis*; teste Redi.—1790: Asca. 1803: Fus.
- mergi* Dies., 1851a, 194, t. h. *Mergus merganser*; Ireland.—1851: Asc.
- mergi* Schrank, 1788a, 27, t. h. Taucherganz; by Bloch.—1788; Echinor.
- mergi-merganseris* Dies., 1861a, 683, t. h. *Mergus merganser*; by Mol.—1861: Hystrichis.
- mergorum* Rud., 1809a, 240, t. h. *Mergus albellus*. *M. serrator*.—1809: Str.
- mergorum* Rud., 1819a, 56, t. h. *Mergus merganser*. *M. serrator*; C. E. V.—1819: Asc. [1851: *A. spiculigera*.]
- meridiana* Cobb, 1914, 8, Bay; Cape Royds.—1914: Chromadora.
- meridiana* Cobb, 1914, 8, Bay; Cape Royds.—1914: Echinomadora.
- meridiana* Cobb, 1914, 8, Bay; Cape Royds.—1914: Monhystera.
- meridionalis* Panceri, 1878 (1876) 5, marine.—1878: Echinoderes.
- meridionalis* Steiner, 1916, 329.—1916: Plectus.
- merlucii-vulgaris* Dies., 1851a, 118, t. h. *Merlucius vulg.*; Nap.—1851: Agamonema.
- meropis* M. C. V. in Rud., 1819a, 9, t. h. *Merops apiaster*; C. E. V.—1819: Fil.
- meropis-apiastri* Mol., 1860b, 971 (63), t. h. *Merops apiaster*; M. C. V.—1860: Acuarina.
- meruanus* Cam., 1910, 28; Mt. Méru, German E. Africa.—1910: Gord.
- merulæ* Gmel., 1790a, 3046, t. h. *Merula* [*Turdus merula*, see Lüthe]; by Goeze.—1790: Echinor.
- mesnili* Noc, 1908, 382, t. h. Gecko; Indo-China.—1908: Fil.
- mettami* Leiper, 1913, 460, t. h. *Equus* cab.; Lond.—1913: Cylicost.
- micans* Eberth, 1863a, 28, free; Nizza.—1863: Odontobius.
- micans* Max Schultze in Carus, 1857a, pl. 8 fig. 1; lng.—1857: Diplogaster.
- micans* Nordm., 1840a, 664, in larva of a neuropt.—1840: Phanoglene, ? type.
- micans* Villot, 1875a, 466, free; Med.—1875: Acanthopharynx.
- michaelsenii* Baylis, 1916, 297, for *michaelsenii* (Enoplus).
- michaelsenii* Linst., 1896a, 10, free; Uschuaia.—1896: Enoplus.
- micoletzkyi* Stefanski, 1915, 348; Czarna River, Pologne.—1915: Cyatholaimus.
- micracanthus* Rud., 1819a, 66, t. h. *Fringilla coelebs*, etc.; Mus. Wien.—1819: Echinor.
- micracanthus* Marval, 1905a, 257, misprint for *micracanthus* (Echinor.).
- microanal* Skrj., 1917, 303, t. h. *Erithacus* sp.; Russian Turkestan.—1917: Aprocta.
- microcephala* Rud., 1809a, 167, t. h. *Ardea comata*; by Nitzsch.—1809: Asc.
- microcephalus* Duj., 1845a, 246, t. h. *Enys orbicularis*; Mus. Wien.—1845: Cucullanus. 1915: Camallanus.
- microcephalus* Rud., 1819a, 665, t. h. *Didelphys cayopolin*; Brazil.—1819: Echinor. 1909: Gigantor. 1915: Hamania, tod. 1915: Hamannia, tod. [1915: Hamaniella, tod.]
- microcerca* Stoss., 1902d (e), 63 (3), t. h. *Lophius budegassa*; Genova.—1902: Asc.
- microdactyli-margravii* M. C. V. in Mol., 1860b, 921.—1860: Spiropt. [1860: *S. brevipenis*.]
- microdorus* Man., 1880a, 85, in sand; Holland.—1880: Dorylaimus.
- microlabium* Mol., 1860e, 336, t. h. *Falco coronatus*; Rio Araguay.—1860: Asc.
- microlaima* Man., 1889c, 199.—1899: Chromadora. 1917: Chromadorina.
- microlaimus* Cobb, 1893b, 302 (53), on grass; Australia.—1893: Aphelenchus.

- microlaimus* Cobb, 1917n, 438, misprint for *macrolaimus* (*Mononchus* [(*Prionchulus*)] *muscorum*).
- microlaimus* Linst., 1899b, 21, t. h. *Testudo pardalis*; Africa.—1899: *Oxyuris*.
- microon* Linst., 1907, 265, t. h. *Nyctipithecus trivirgatus*; Mus. Frankf.—1907: *Oxyuris*.
- micropapillata* Stoss., 1890g, 129, t. h. *Pelecanus* sp.; Semlino.—1890: *Asc*.
- micropezis* Trav., 1915, 297 (3), t. h. *Nicticorax violacens*, *Cancroma cochlearia*; Brazil.—1915: *Tetrameres* (*Tetrameres*).
- microphthalmus* Man, 1893a, 86; Falmouth.—1893: *Aræolaimus* (*Aræolaimoides*, mt.).
- microptera* Rud., 1819a, 41, t. h. *Canis lupus*; Berl.—1819: *Asc*. 1845: *A. marginata*. 1911: *Toxasc*.
- microptalma* Man, 1880a, 6.—1880: *Monhystera*.
- microscopica* Gœze, 1782a, 110, t. h. *Erdregenwurm*; Europe.—1782: *Asc. minutissima*.
- microscopica* Polonio, 1860b, 23, t. h. *Podarcis muralis*; Padua.—1860: *Trichina*.
- microscopiculum* Skrj., 1915, 646, t. h. *Phalacrocorax carbo*; Turkestan.—1915: *Syngamus*.
- microstoma* Bast. [nv.]; Cobb, 1893b, 262, in soil and fresh water; Holland & England.—1893: *Mononchus*. (For *macrostoma* Bast., 1865c ?).
- microstoma* Drasche, 1884a, 327, t. h. *Testudo græca*; Trieste or Mus. Wien.—1884: *Oxyuris*.
- microstoma* Schneid., 1866a, 98, t. h. *Equus cab.*; Berl.—1866: *Fil*. 1872: *Spiropt*. 1911: *Habronema*.
- microstoma* Vet., Lond., 1876, 477, t. h. *Equus cab.*—1876: *Str*.
- microstomus* Daday, 1905, 57, in fresh water; Paraguay.—1905: *Prismatolaimus*.
- microstomus* Duj., 1845a, 234, in sea water; Lorient.—1845: *Enoplus*.
- microtyphlon* Smith, A. J., 1908a, 266, t. h. *Cyclura nubila*; Phila. Zool. Gard.—1908: *Oxyuris*.
- micrurus* Cobb, 1917n, 438, about Litchi roots; Fukien, China.—1917: *Mononchus* (*Myonchulus*).
- micrurus* Mehl., 1831, 358, t. h. *Bos taurus*.—1831: *Str*. 1912: *Metastr*. 1915: *Dicthyocaulus*.
- micrurus* Daday, 1905, 68; Paraguay.—1905: *Dorylaimus*.
- micryphantidis-bicuspidati* Dies., 1851a, 112, t. h. *Micryphantes bicuspidatus*; by Sieb.—1851: *Mermis*.
- midæ* Mesnil & Brimont in Brimont, 1909, 170, t. h. *Midas midas*; Guyane.—1909: *Microfil*.
- migrans* Lespès, 1856a, 335, in termites; by Lespès.—1856: *Isakis*, mt. [1861: *Isaxis*, type.]
- mikrurus* Schneidem., 1896a, 315, for *micrurus* (*Str*).
- miliarius* Zenker, 1832a, 18, t. h. *Astacus fluvi*. [nv.].—1832: *Echinor*. 1851: *Gregarina*. [1907: *Echinostoma*.]
- militaris*.—See Lampa, 1907, 223.—1907: *Asc*.
- millefolii* Loew, 1874a, 17, in galls on leaves of *Achillea millefolium*.—1874: *Tylenchus*.
- milvi* Frœl., 1802a, 20, t. h. *Falco milvus*; Europe.—1802: *Fil*. 1814: *Trichoc*.
- milvi* Gmel., 1790a, 3033, t. h. *Falco milvus*; Gœze.—1790: *Asc*. [Cf. *spiralis*, depressa.]
- milvi* Gœze, 1782a, 85.—1782: *Asc. teres*. [See *depressa*.]
- milvi* Rud., 1809a, 85; cf. Gœze, 1782a, 85.—1809: *Gord*.
- mingazzini* Rizzo, 1902b, 35, t. h. *Tropidonotus natrix*; Catania.—1902: *Trichosoma*. 1915: *Cap*. (*Cap*).
- miniatus* Linst., 1896a, 12, t. h. *Anas* sp.; Coll. Mich.—1896: *Echinor*.
- minima* Chaussat, 1850a, 36, t. h. *Rana escul.*; by Chaussat.—1850: *Anguillula*. 1905: *Lankesterella*, type. 1907: *Hæmogregarina*.
- minima* Cobb, 1893b, 262, in soil about roots of banana plants; Fiji.—1893: *Chromadora*. 1913: *Achromadora*, mt.
- minima* Cobb, 1893b, 266 (17), in banana plants; Fiji.—1893: *Diplogaster*.
- minima* Trav., 1914, 154, t. h. *Tachyphonus cristatus bruneus*.—1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*).
- minimum* Linst., 1906, 170, t. h. *Felis rubiginosa*; Ceylon.—1906: *Ankylostomon*. 1909: *Unc*. 1916: *Ancylostoma*.
- minimum* Mol., 1857a, 217, t. h. *Mus musculus*; M. C. V.—1857: *Gongylonema*, tod.
- minimum* Cobb, 1893a, 826 (49), in soil; N. S. W.—1893: *Plectus*.
- minimum* Man, 1876a (b), 120 (43), grass; Leiden.—1876: *Tylencholaimus*.
- minimus* Steiner, 1914, 437, *minutus* Cobb not Büetsch. renamed; Airola.—1914: *Dorylaimus*.
- miniopleri* Kolenati, 1856d (1857a), 15, t. h. *Miniopterus shreibersii*.—1856: *Nematodeum*.
- ministerialis* Bory, 1824n, 778, dans l'eau des truffes.—1824: *Vibrio*. [1838: ?*Anguillula glutinis*.] 1851: *Anguillula*.

- minor* Cobb, 1891c, 156; Ceylon.—1891: Dipeltis.
minor Cobb, 1893b, 257 (8), in soil about banana plants; Fiji.—1893: Mononchus.
 1916: Mylonchulus, tod. 1917: Mononchus (Mylonchulus).
minor Cobb, 1893b, 266 (17), in sheaths of banana plants; Fiji.—1893: Diplogaster.
minor Cobb, 1893b, 281 (32), in soil about roots of banana plants; Fiji.—1893: Tripyla.
minor Cobb, 1893b, 303 (54), about roots of banana plants; Fiji.—1893: Aphelenchus.
minor Cobb, 1893a, 824 (47), in soil; N. S. W.—1893: Alaimus.
minor Cobb, 1898a (b), 299, in soil about roots of banana plants; Fiji.—1898: Chromadora.
minor Cobb, 1914, 72 (38), in mud; Potomac River.—1914: Aphanolaimus.
minor Cobb, 1914, 73 (39), in mud; Douglas Lake, Mich.—1914: Rhabdolaimus.
minor Cobb, 1915, 35; Douglas Lake, Mich.—1915: Ironus.
minor Dies., 1851a, 563.—1851: Asc. astrophidis-tigridis.
minor Duj., 1845a, 223.—1845: Asc. teres. [See Het. vesicularis.]
minor Kuhn, 1829a, 150, t. h. Delphinus phocæna; by Kuhn.—1829: Str. 1851: Prosthocaptor, tsd. 1866: Pseudalius. 1879: Pharurus.
minor Leiper, 1909, 35, t. h. Homo; Trinidad.—1909: Lagochilasc. mt. 1916: Lagocheilasc., type.
minor Looss, 1900c, 190, t. h. Equus; Egypt.—1900: Triodontus. 1901 (1902): Triodontophorus. 1903: Triodontoporus.
minor Mans., 1891b, 4, see sanguinis hominis minor (Fil.).
minor Maupas, 1900a, free; Normandie.—1900: Diplogaster.
minor Mol., 1861a (b), 575 (151), t. h. Rhea americana; Ytarare, S. America.—1861: Deletroc. dimidiatus. 1900: Str. dimidiatus.
minor Rail., 1884f, 225, t. h. Equus cab.; Samur.—1884: Sclerost. armatum.
minor Rud., 1809a, 129, based on Gœze, 1782.—1809: Asc. teres galli. [See vesicularis.]
minor Rud., 1819a, 34, t. h. Lepus cuniculus, L. timidus; by Zed.—1819: Str. retortæformis.
minor Rud.; Cat. RCSL, 1830, 39, in horses and ass; Rayer, 1843b, 1.—[1809: Str. armatus minor aneurysmaticus.] 1830: Str. armatus.
minor Savelev, 1912, 120; Kolafjord, Catharinahafen.—1912: Halichoanolaimus.
minor Schep., 1907a, 139; Bergen.—1907: Desmoscolex.
minor Southern, 1914a, 43; Clew Bay.—1914: Demania.
minor Stewart, 1914, 175, t. h. Wallago attoo; Lucknow.—1914: Spiropt. denticulata.
minor Stoss., 1896a, 77, t. h. Astrophis tigris.—1896: Asc. astrophidis.
minor Villot, 1875, 466; Med.—1875: Enoplus.
minor see sanguinis hominis minor (Fil.).
minor aneurysmaticus Rud., 1809a, 204, t. h. Equus asinus, E. cab.; Europe.—1809: Str. armatus. 1851: Sclerost. armatum.
minor astrophidis-tigridis Dies., 1851a, 195, t. h. Astrophis tigris; by Lamarepicquot.—1851: Asc.
(minor, phasiani-galli et picti) Rud., 1809a, 129.—1809: Asc. teres. [See vesicularis.]
minus Mar., 1870a, 23; Pharo, Joliette.—1870: Enoplost.
minuscula Trav., 1915, 388, t. h. Tamandua tetradactyla; Brazil.—1915: Viannaia.
 1915: Vlannia.
minusculus Neum. [nv.]; Dolley, 1894a, 1012; in Equus cab.—1894: Str.
minuta Ben., 1871a, 17, t. h. Raia batis, R. clavata; Belgium.—1871: Coronilla.
minuta Ben., 1873b, 22, t. h. Vespertilio dasycnema; Belgium.—1873: Ascarops, mt. 1878: Spiropt.
minuta Mol., 1858 (1859e), 297, t. h. Platessa passer; Padua.—1858: Asc.
minuta Schneid., 1866a, 118, t. h. Ateles paniscus, Mycetes seniculus; Brazil.—1866: Oxyuris.
minutior Gœze, 1782a, 39, includes vermicularis renamed.—1782: Asc.
minutissima Gœze, 1782a, 40, t. h. earthworm, Europe.—1782: Asc.
minutissima microscopica Gœze, 1782a, 110, t. h. Erdregenwurm; Europe.—1782: Asc.
minutissimus Mégn., 1878f, 636, t. h. fat tailed sheep; Africa.—1878: Str. 1912: Metastr.
minutoides Par., 1907a, 1, t. h. Arvicanthys pulchellus; Ibanda, Africa.—1907: Str.
minutum Villot, 1875, 459; Roscoff.—1875: Leptosomatum.
minutus Buetsch., 1873a, 30, free; Ing.—1873: Dorylaimus.
minutus Clap., 1863a, 89; apparently St. Vaast.—1863: Desmoscolex, mt.
minutus Cobb, 1893a, 810 (33), about roots of sugar-cane; Australia.—1893: Dorylaimus.
minutus Cobb, 1893a, 815 (38), roots of sugar cane; N. S. W.—1893: Tylenchus.
minutus Cobb, 1893a, 831 (54), roots of sugar cane; N. S. W.—1893: Rhabditis.
minutus Duj., 1845a, 118, t. h. Mus sylvaticus, etc.; Rennes.—1845: Str. 1861: Metastr. 1909: Heligmosomum.
minutus Müell., 1776, 216.—1776: Lumbricus.

- minutus* Panceri, 1878, 6, marine.—1878: Echinoderes.
minutus Rud., 1819a, 21, t. h. *Pleuronectes passer*; Mus. Wien.—1819: *Cucullanus*. 1851: *Histioc*.
minutus Rud., 1819a, 638, t. h. *Didelphis cayopollin*; Brazil.—1819: *Trichoc*.
minutus Zed., 1800a, 142, t. h. *Anas fuscus*; by Gœze.—1800: *Echinor*. 1911: *Polymorphus*, mt.
minutus coccineus Rud., 1809a, 295, for m. c. *ovatus* (*Echinor*).
minutus, coccineus, ovatus Gœze, 1782a, 164, t. h. *Anas fuscus*, *Turdus atricapilla*; by Gœze.—1782: *Echinor*.
mirabile Cobb, 1917n, 118, in marine sand and mud; Woods Hole.—1917: *Pomponema*, tod.
mirabile Leuck., 1884a, 320, t. h. *Hylobius pini*.—1884: *Allantonema*, mt. 1884: *Allantinema*. 1915: *Tylenchomorphus*, tod.
mirabilis Büetsch., 1873a, 44, on moss roots; F. a. M.—1873: *Tylenchus*. 1876: *Tylencholaimus*, tsd.
mirabilis Büetsch, 1874b, 268, in Kieler Bucht.—1874: *Linhomœus*. 1907: *L. (Linhomœus)*.
mirabilis Marval, 1904a, 582, in a bird [*Vultur* sp.; Mus. Wien].—1904: *Gigantor*. 1914: *Heteroplus*.
mirabilis Hofmæn., in Hofmæn. & Menz., 1914, 83; Léman & Vierwaldstættersee.—1914: *Bathylaimus*.
mirabilis Linst., 1903b, 527; Wainae Mts. in Oahu, H. I.—1903: *Mermis*.
mirabilis Polonio, 1859 [nv.]; Par., 1894a, 254, t. h. *Hyla viridis*, *Rana escul.*—1859: *Echinor*. 1908: *Chentrosoma*.
miselise-aprilinae Dies., 1851a, 105, t. h. *Miselia aprilina*; by Duponchel.—1851: *Fil*. 1851: *Gord*.
mistax Sons., 1889c, 235, for *mystax* (*Asc.*).
mitschelli Sambon, 1907, 15, t. h. *Pedetes caffer*.—1907: *Welcomia*, tod. 1916: *Welcomea*, type.
mitschelli Smith, 1910, 487, t. h. *Heloderma suspectum*; from Arizona.—1910: *Fil*.
mitis Leuck., 1886d, 52, misprint for *immitis* (*Fil.*).
modestus Man, 1876a (b), 136 (59).—1876: *Aphelenchus*.
modigliani Trav., 1915, 158, for *modiglianii* in *Lachesis sumatranus*.—1915: *Cap*.
modiglianii Cam., 1892d, 539; Isola di Engano.—1892: *Gord*. 1895: *Chord*.
modiglianii Par., 1896b (c), 112 (5), t. h. *Spirotreptus mentaweiensis*; Isola Mentawai, Sereim.—1896: *Isacis*.
modiglianii Par., 1897c (d), 381 (2), t. h. *Trimeresurus formosus*; Mentawai, Sumatra.—1897: *Trichosoma*. [1915: *Cap*.]
molini Rail., 1898, 173, *attenuatus* 1860 renamed, in *pecari*.—1898: *Str*.
molini Stoss., 1896a, 75 (69), *spiralis* Mol. renamed, t. h. *Picus comatus*; Brazil.—1896: *Asc*.
molini Stoss., 1897b, 100, t. h. *Tinamus tao*, *T. strigosus*; Brazil.—1897: *Spiropt*.
molini Stoss., 1899d, 115 (61), t. h. *quadridentatum* 1861 renamed, t. h. *Mycetes coraya*; Brazil.—1899: *Sclerost*.
moluccanus Roemer, 1896g, 254; Halmahera.—1896: *Chord*.
molukkanus Roemer, 1895a, 199, for *moluccanus* (*Chord.*).
molva Linst., 1905t, 355, t. h. *Molva byrkelangi*; Norway.—1905: *Asc*.
momoti-brasiliensis M. C. V. in Mol., 1860b, 957.—1860: *Spiropt*. [1860: *S. cephalopt.*]
monacanthus Dies., 1853a, 35, t. h. *Tenebrio molitor*; by Stein.—1853: *Cephalacanthus*, probably type.
nonechinus Linst., 1902a, 229, t. h. *Myrmecophaga* (*Myrmecophila*) *quadridentata*; Coll. Breslau.—1902: *Echinor*.
monhystera Büetsch., 1873a, 106, on roots of plantago; by Büetsch.—1873: *Rhabditis*.
monhystera Cobb, 1893b, 281 (32), for *monohystera* (*Tripyla*).
monhystera Cobb, 1914, 72 (38) for *monohystera* (*Anonchus*).
monhystera Cobb, 1917n, 438, about roots of orange trees; Bahia, Brazil.—1917: *Mononchus* (*Mononchus*).
monhystera Linst., 1902d, 30, t. h. *Metopoceros* (*Iguana*) *cornutus*; Haiti, Coll. Spengel.—1902: *Oxyuris*. 1916: *Macracis*, tod.
monhysteroidea Büetsch., 1874b, 259, in Kuhmist; Germany.—1874: *Diplogaster*.
moniliformis Brems. in Rud., 1819a, 71, t. h. *Arctomys cricetus*, *Mus arvalis*; C. E. V.—1819: *Echinor*. 1893: *Gigantor*. 1915: *Moniliformis*, tod.
monilis Hamm., 1838a, 358, t. h. *Aphodius conspurcatus*; by Hamm., [Wien].—1838: *Anguillulina*, mt. 1851: *Anguillula*.
monocercus Clap., 1863a, 90; St. Vaast.—1863: *Echinoderes*.
monoculi Gmel., 1790a, 3041 t. h. *Monoculus apus*; by Walch.—1790: *Fil*.
monodens Mol., 1860d, 658, t. h. *Boa constrictor*; Brazil.—1860: *Physalopt*.

- monodon* Linst., 1882a, 4, t. h. *Oidemia nigra*; by Linst.—1882: Str. 1899: Sclerost. 1915: Amidost.
- monohystera* Cobb, 1913, 444; Potomac River, Wash., D.C., etc.—1913: Anonchus, tod.
- monohystera* Man, 1880a, 13, in moist marsh soil at roots of plants; Holland.—1880: Tripyla.
- monohystera* Man, 1880a, 86, in sand; Holland.—1880: Dorylaimus.
- monohystera* Oerley, 1885, 63, for monhystera (*Rhabditis*).
- mononculorum* Oken, 1815a, 190, t. h. *Mononculus apus*.—1815: Gord. (Fil.)
- monostechum* Cobbold, 1879b, 402, misprint for monostichum (*Sclerost.*).
- monostichum* Dies., 1851a, 306, t. h. *Tapirus americanus*; Brazil.—1851: Sclerost. 1861: Oesophagost. 1866: Str. 1899: Oesophagost.
- montenegrinus* Kaltenbach, 1915, 525.—1915: Gord.
- montgomeryi* Cam., 1901d, 1; Madagascar.—1901: Chord.
- monticelliana* Stoss., 1890g, 130 (2), t. h. *Poecile palustris*, *Sylvia atricapilla*; Zagabria.—1890: Fil.
- monticelliana* Stoss., 1892b, 72 t. h. *Otis tarda*; Leipzig.—1892: Het.
- monticellii* Porta, 1904a, 3, t. h. *pesce teleosteo*; Wimereaux.—1904: Echinor.
- montoni* Shipley, 1903, 1, 152, for moutoni (*Chord.*).
- montedonense* Mar., 1870a, 27, free; Marseille, Montredon.—1870: Thoracost. [1875: Leptosomatum.]
- montedonense* Villot, 1875a, 466; Med.—1875: Leptosomatum. [1870: Thoracost.]
- mora* Fourm., 1886a, 763, t. h. *Mora mediterranea*; Coast of Morocco.—1886: Asc.
- mordens* Leiper, 1908, 102, t. h. *Homo*; Uganda.—1908: Physalopt.
- morgani* Montg., 1898a, 47; Maryland.—1898: Chord.
- morgense* Hofmæn. in Hofmæn & Menz., 1914, 88, in feuchten Schlamme und Moospolster; Switz.—1914: Criconema. 1917: Hoplolaimus.
- morinelli* Rud., 1819a, 78 t. h. *Charadrius morinellus*; C. E. V.—1819: Echinor.
- morrhue* Ben., 1871a, 92, t. h. *Gadus morrhua*; Belgium.—1871: Ascarophis, mt. 1880: Ascaropsis.
- morstatti* Mar., 1870a, 31, free; Endoume, Pharo, Joliette.—1870: Rhabdotoderma, mt.
- moschata* Stoss., 1897a, 4, t. h. *Eledone moschata*; Nap.—1897: Asc.
- motacillæ* Rud., 1819a, 635, t. h. *Muscicapa*; Brazil.—1819: Fil.
- motacillæ-atricapillæ* Rud., 1819a, 77, t. h. *Motacilla atricapilla*; C. E. V.—1819: Echinor.
- motacillarum* Rud., 1819a, 9, t. h. *Motacilla oenanthe*, etc.; C. E. V.—1819: Fil.
- moutoni* Cam., 1895d, 99; China.—1895: Chord.
- mouzelsi* Mathis & Leger, 1911, 61, t. h. *Garrulax perspicillatus*; Tonkin.—1911: Microfil.
- mucronata* Dies., 1851a, 235, t. h. *Champsia nigra*; Brazil.—1851: Physalopt.
- mucronata* Dies., 1861a, 624; Charkovia.—1861: Amblyura.
- mucronata* Froel., 1791a, 97, t. h. *Anas*; by Delius.—1791: Asc. [1809: Str. nodularis.] 1853: Str. 1899: Sclerost.
- mucronata* Grube, 1849a, 361, free in soil; by Grube.—1849: Anguillula. 1865: Rhabditis. [1866: Pelodera.]
- mucronata* Mol., 1858d, 155, t. h. *Boa constrictor*; Padua.—1858: Fil. 1861: Dipetalonema. 1897: Fil.
- mucronata* Mol., 1858 (1859e), 296, t. h. *Bufo. vulg.*; Padua.—1858: Oxyuris.
- mucronata* Schneid., 1866a, 151 [see also *mucronata* Grube, 1849].—1866: Pelodera.
- mucronata* Schrank, 1790, 121, t. h. *Silurus glanis*; Schrank.—1790: Asc. 1800: Fus. 1809: Asc.
- mucronatum* Baird, 1862c, 314, t. h. *Phrymaturus palluma*; from Chile.—1862: Sclerost.
- mucronatum* Bugnion, 1878a, 249, for m. *chironomi-plumosi*.—1878: Merinthoidum.
- mucronatum* Mol., 1858d, 157, t. h. *Mustela foina*; Padua.—1858: Calodium. 1890: Trichosoma. 1915: Cap. (Cap.).
- mucronatum* Mol., 1861a, 474, t. h. *Dasypus gilvipes*; Brazil, M. C. V.—1861: Diploodon, tsd. 1897: Unc.
- mucronatum* Rud., 1809a, 117, t. h. *Vespertilio auritus*; by Gæze.—1809: Ophiost. 1816: Fissula. 1840: Ophiost.
- mucronatum* Seur., 1916, 718, t. h. *Erinaceus algirus*; Algeria.—1916: Gongylonema.
- mucronatum chironomi-plumosi* Kræmer, 1853a, 291.—1853: Merinthoidum.
- mucronatus* Mol., 1861a (b), 547 (123), t. h. *Crotalus horridus*; Brazil.—1861: Kalic., ?type. 1909: Diaphanoc.
- mucronatus* Schlotthauber, 1860a, 127, t. h. *Picus canis*, P. major.—1860: Syngamus.
- mülleri* Dies., 1861a, 623, s. *Anguillula marina*.—1861: Pontonema. 1878: Pontamonema.

- mülleri* Goeze, 1782a, 434.—1782: Str.
mugientis Linst., 1898d, 761, t. h. *Rana mugiens*: from N. A.—1898: Spiropt.
mugilis Dies., 1851a, 286, t. h. *Mugil capito*; Ireland.—1851: Fil.
mulli Dies., 1861a, 727, t. h. *Mullus barbatus*; Trieste.—1861: Agamonema.
mulli Rud., 1819a, 59, t. h. *Mullus rubescens*; Rimini.—1819: Asc.
multicinctus Cobb, 1893b, 301 (52), about roots of banana plants; Fiji.—1893: Tylenchus.
multilobata Drasche, 1882 (1883a), 139, t. h. *Dicholophus marcgrafi*; Brazil.—1883: Asc.
multiapillula Mol., 1858c, 385, t. h. *Hypsilophus tuberculatus*, *Thorictis dracæna*; M. C. V., Brazil.—1858: Fil.
multiapillulata Drasche, 1882 (1883a), 140, t. h. *Tantalus loculator*; Brazil.—1882: Asc.
multiapillulata Skrz., 1916, 78, t. h. *Julus* sp.; Brit. E. Africa.—1916: Isacis.
multiapillulatum Stefanski, 1914, 461, free, dans les sphaignes; lac Lussy.—1914: Bunonema.
multiapillulatus Daday, 1905, 50, in fresh water; Paraguay.—1905: Aphanolaimus.
multiapillulosa Condamine & Drouilly, 1878a, 1145, t. h. *Equus cab.*; from Hungary.—1878: Fil.
muræne Dies., 1851a, 203, for *marænæ* (Asc.).
muræne Westrumb, 1821a, 42, error for *marænæ* (Echinor.).
muræne-anguillæ Gmel., 1790a, 3051.—1790: Cucullanus lacustris.
muræne-anguillæ Rud., 1810a, 274.—1810: Vermis (dubius). 1851: Nematoideum.
murenæ Bosc, 1802a, 10, t. h. la *murène*, cf. *Osmerus eperlanus*; based on Martin, 1780.—1802: Echinor.
murica Babès, 1880a, 165.—1880: Fil. 1880: Spiropt.
murici Linst., 1889a, 6, misprint for *muriei* (Spiropt.).
muricola Linst., 1905bb, 185, t. h. *Mus surifer*; Siam.—1905: Spiropt. 1916: Fil.
muridis Par., 1907a, 2, t. h. *Otomys irroratus*, O. i. *tropicalis*; Fort Portal, Africa.—1907: Unc.
muriei Cobbold, 1876, PZSL, 296, t. h. *Pithecia leucoc.*; by Murie.—1876: Spiropt.
muriei Cobbold, 1879b, 427, t. h. *Balænoptera musculus*; by Murie.—1879: Echinor.
murina Leuck., 1867b, 76.—1867: Spiropt.
murinæ Trav., 1914, 429; 1915, 153, t. h. *Eunectes murina*.—1914: Cap. 1915: Cap. (Cap.).
muris Frœl., 1791a, 99, t. h. *Mus musculus*; by Goeze, 1782a.—1791: Asc. vermicularis. [1802: Asc. obvelata.]
muris Gmel., 1790a, 3032, for *muris-domesticæ-minoris* (Lumbricus).—1790: Asc. 1803: Fus. 1809: Lumbricus. [1809: Asc. obtusa.] [1819: Spiropt. obtusa.] 1897: Fil. 1916: Protospirura.
muris Gmel., 1790a, 3051, t. h. *Mus*; Goeze, 1782.—1790: Cucullanus.
muris M. C. V. in Mol., 1860b, 928.—1860: Spiropt. [1860: S. bilabiata.]
muris Schrank, 1788a, 4, t. h. *Mus musculus*; Goeze, 1782a.—1788: Trichoc. 1791: Trichuris. 1916: Mastigodes.
muris Schrank, 1788a, 21, t. h. *Mus musculus*; by Borke.—1788: Echinor. [See 1782: Pseudoechinor., tsd.] 1790: Hæruca, mt. 1815: Hærucula Raf., type.
muris Zedl., 1803a, 70, t. h. *Mus*.—1803: Mastigodes.
muris-amphibii Rud., 1810a, 262; by Redi.—1810: Vermis (dubius). 1819: Dubium. 1851: Nematoideum.
muris-brasiliensis Dies., 1861a, 653, t. h. *Mus brasiliensis*; Brazil.—1861: Physalopt.
muris-decumani Rayer, 1843g, 180, t. h. *Mus decumanus*.—1843: Trichosoma.
muris-domesticæ-minoris Werner, 1782a, 10, t. h. *Mus domestica minor*.—1782: Lumbricus.
muris-musculi Dies., 1861a, 692, t. h. *Mus musculus*; Frœl., 1791.—1861: Trichosoma. 1915: Cap.
muris-musculi Rud., 1810a, 262; by Redi.—1810: Vermis (dubius). 1819: Dubium.
muris-scandentis M. C. V. in Mol., 1858c, 411.—1858: Fil. [1858: F. bifida.]
muris-sylvatici Dies., 1851a, 259, t. h. *Mus sylvaticus*; Rennes.—1851: Trichosoma. 1915: Cap.
murmanicum Savelev, 1912, 118, im schlammigen Sande; Catharinahafen.—1912: Symptocost.
murmanicus Savelev, 1912, 114; Kolaffjord, Catharinahafen.—1912: Enoploides.
murrayi Southern, 1914a, 66; Co. Mayo.—1914: Ogma, mt. 1917: Hoplolaimus.
murshida Lane, 1914, 388, t. h. *Elephas indicus*; India.—1914: Murshida, tod.
musæ Cobb, 1893b, 263 (14), in soil about roots of banana plant; Fiji.—1893: Chromadora.

- musca* Carter, 1861b, 30, t. h. *Musca* dom.; Bombay.—1861: Fil. 1861: *Habronema*, mt. 1913: *Spirura*.
- muscipapæ* Linst., 1878b, 234, t. h. *Muscipapa atricapilla*; Ing.—1878: Fil. 1891: Disph. 1912: *Acuaria*.
- muscipapæ* M. C. V. in Mol., 1858c, 374, t. h. *Lichenops perspicillata*.—1858: Fil. [1858: *F. serotina*.]
- muscipapæ* Rud., 1819a, 77, t. h. *Muscipapa collaris*; C. E. V.—1819: *Echinor*.
- muscipapæ-coronatæ* M. C. V. in Mol., 1858c, 434, t. h. *Muscipapa coronata*; Matogrosso.—1858: Fil.
- muscipapæ-flammæ* Dies., 1851a, 335, t. h. *Muscipapa (Phoenicornis) flammea*; Calcutta.—1851: *Nematoideum*.
- [*muscolari* dell' *Acqua Felici*, 1869, 116, not as specific name.—1869: *Trichina*.]
- muscorum* Duj., 1845a, 237, free, dans les touffes de mousses; Paris; in ? *Gasterosteus lævis*; Rennes.—1845: *Oncholaimus*. 1865: *Mononchus*. 1916: *Prionchulus*, tod. 1917: *M. (P.)*.
- muscorum macrolaimus* Cobb, 1917n, 465 in *Cladonia rangiferina*; Wisconsin.—1917: *Mononchus [(Prionchulus)]*.
- muscorum microlaimus* Cobb, 1917, 438 misprint for *m. macrolaimus*.—1917: *Mononchus [(Prionchulus)]*.
- musculi* Brug., 1791a, 107, t. h. *Mus musculus*.—1791: *Hæruca*.
- musculi* Rud., 1819a, 1819, 8, t. h. *Mus musculus*; C. E. V.—1819: Fil. 1894: *Gongylonema*.
- mustela-barbata* M. C. V. in Mol., 1858a, 168, for *mustelæ-barbaræ* (Fil.).
- mustela-foina* Crep., 1846b, 160, for *mustelæ-foinæ* (Fil.).
- mustelæ* Mol., 1861c, 327, t. h. *Mustela vulg.*; Ireland.—1861: *Trichosoma*. [1861: *Calodium alatum*.]
- mustelæ* Rud., 1819a, 75, t. h. *Mustela vulg.*; *Mus. Wien*.—1819: *Echinor*.
- mustelæ-barbaræ* M. C. V. in Mol., 1858c, 387, t. h. *Gulo barbatus*; Brazil.—1858: Fil. [1858: *Fil. perforans*.]
- mustelæ-foinæ* Crep., 1846b, 161, t. h. *Mustela foina*; quotes *Aless.*—1846: Fil.
- mustelæ-martis* Rud., 1810a, 263.—1810: *Vermis (dubius)*.
- mustelæ-putorii* Crep., 1846b, 165.—1846: Fil.
- mustelæ-putorii* Rud., 1810a, 263.—1810: *Vermis (dubius)*.
- mustelæ-putorii pulmonalis* Crep., 1846b, 159.—1846: Fil.
- mustelorum* Rud., 1809a, 69, s. *martis* Gmel., t. h. *Mustela foina*, etc.; by *Redi.*—1809: Fil. 1858, 1861: *Filaroides*, mt.
- mustelorum* Rud., 1819a, 53, *martis* renamed, t. h. *Mustela martes*, *M. foina*; C. E. V.—1819: *Asc.* [1896: *A. mystax*.]
- mustelorum* Rud., 1819a, [8], 799, for *mustelorum pulmonalis* (*Dubium*).
- mustelorum pulmonalis* Rud., 1819a, 8, t. h. *Mustela foina*, etc.; [*Europe*].—1819: Fil.
- mustelorum subcutanea* Rud., 1819a, 7, t. h. *Mustela foina*, etc.; C. E. V.—1819: Fil.
- mutabilis* Rud., 1819a, 669, t. h. *Ardea egretta*, etc.; Brazil.—1819: *Echinor*. 1915: *Polymorphus*.
- muticus* Mehl. in *Crep.*, 1845a, 329, t. h. *Cervus dama*; by *Mehl.*—1845: *Str.*
- muticus* Müell., 1777, 4 [nv.]; 1780c, 209, [t. h. *Gadus morhua*].—1777: *Cucullanus*. 1780: *Cucullanus*.
- mycogenes* Schwartz, 1912, 26, in culture of *Cryptosporium nesii corda*.—1912: *Apelenchus*.
- myolare* Lutz, 1886e, 62 [misprint for *mystax*?] in *Canis fam.*, *Felis dom.*; Brazil.—1886: *Asc.*
- myotheræ* M. C. V. in Mol., 1858c, 425, t. h. *Myothera ruficeps*; Brazil.—1858: Fil.
- myotheræ-campanisonæ* Mol., 1858c, 425, t. h. *Myothera campanisona*; *Ypanema*.—1858: Fil.
- myotheræ-chrysopygæ* Mol., 1858c, 425, t. h. *Myothera chrysopyga*; *Ypanema*.—1858: Fil.
- myotheræ-regis (renalis)* Mol., 1858c, 424, t. h. *Myothera (Turdus) rex*; *Marabitanas*, Coll. Brazil.—1858: Fil.
- myotheræ-ruficipitis* Mol., 1858c, 424, t. h. *Myothera ruficeps*; *Maribatanas*, Brazil.—1858: Fil.
- myotheræ-scandentis* M. C. V. in Mol., 1858c, 398; M. C. V., Coll. Brazil.—1858: Fil. [1858: *F. obtusa*.]
- myoxi* Rud., 1819a, 36, t. h. *Myoxus glis*; C. E. V.—1819: *Str.*
- myoxi-nitela* Dies., 1851a, 260, t. h. *Myoxus nitela*; Rennes.—1851: *Trichosoma*. 1915: *Cap.*
- myriapodicola* Skrj., 1916, 60, t. h. *Polydesmus* sp.; Brit. E. Africa.—1916: *Oxyuris*.
- myrmecophagæ* Dies., 1851a, 331, t. h. *Myrmecophaga didactyla*; Brazil, Rud., 1819a.—1851: *Nematoideum*.

- myrmecophaga-jubata* M. C. V. in Mol., 1858c, 383, t. h. *Myrmecophaga jubata*; Brazil.—1858: Fil. [1858: Fil. *æqualis*.]
myrmecophaga-jubata M. C. V. in Mol., 1861a 521 (97).—1861: Str. [1861: *S. inflatus*.]
mystax Zed., 1800a, 322, t. h. *Felis dom.*, Europe.—1800: Fus. 1802: Asc. 1896: Askaris. [1907: Belasc., tod.] 1910: Belasc., tod. [Cf. *alata*, *tricuspidata*, *wernerii*, *triquetra*, etc.]
mystax canis Werner, 1782: see *canis*.—1893: Asc.
mystax felis Gmel., 1790a, see *felis*.—1893: Asc.
mystax leonis Vallillo, 1909h, 461, t. h. *Felis leo*; Italy; see *leonis*.—1909: Asc.
mystax leptoptera (Rud., 1809a) Dramard, Benoit & Bazil, 1905, 22, t. h. lion.—1905: Asc.
mysticeti Ben., 1870a, 348, t. h. *Balæna mysticetus*; teste Phipps.—1870: Echinor.
myxines Linst., 1898d, 760, t. h. *Myxine glutinosa*; Kværenfjord.—1898: Asc.
naidis-albida Dies., 1861a, 726, t. h. *Nais albida*; India.—1861: *Nematodum*.
nanus Man, 1880a, 39, in moist soil; Holland.—1880: *Cephalobus*.
nanus Braun & Lühe, 1909a, 89, apparently for *pusillus* 1890 not 1803, see *abstrusus*, t. h. *Felis dom.*; Munich.—1909: Str.
napæformis Rud., 1802a, 47, t. h. *Erinaceus europæus*; by Rud.—1802: Echinor.
nardo Mol., 1859h, 15, t. h. *Belone acus*; Padua.—1859: Echinor. [1907: *Echinossoma*.]
narium Linst., 1901e, 276, t. h. *Buteo* sp.; Gouvern. Wolhynien.—1901: Aprocta.
nasicola Linst., 1899b, 18, t. h. *Capra hircus*, *C. rufus*; Rio Grande do Sul, Kamerun.—1899: *Syngamus*.
nasicola Leuck., 1842a, 43, t. h. *Mustela foina*, *M. putorius*; by Leuck.—1842: Fil. 1842: Spiropt.
nassatum Looss, 1900c, 187, t. h. *Equus*; Egypt.—1900: *Cyathost.* 1901: *Cylichnost.* 1911: *Cylicost.*
nasua Darling, 1911, 20, t. h. *Nasua nasica panamensis*; Panama.—1911: *Strongyloides*.
nasuta Rud., 1819a, 23, t. h. *Fringilla dom.*; Mus. Wien.—1819: Spiropt. 1845: Disph. 1866: Fil. 1912: *Acuaria* (*Dispharynx*, tod.).
nasuta Schneid., 1866a, 45, t. h. *Pelecanus onocrotalus*; Ostsee.—1866: Asc.
natans Bast., 1865c, 155; tide-pools; Falmouth.—1865: *Tachyhodites*, tsd. 1880: *Monhystra*.
natans Bast., 1865c, 168, aquarium; Falmouth.—1865: *Chromadora*.
natricis Rud. of Linst., 1878a, 188, see *natricis* (*intestinale*).—1878: *Nematoideum*.
natricis Wedl, 1855a, 391, t. h. *Coluber*; Crep., 1844a, 121.—1857: *Nematoideum*.
natricis (*intestinale*) Dies., 1851a, 337, t. h. *Tropidonotus natrix*.—1851: *Nematoideum*.
natricis (*pulmonale*) Dies., 1851a, 337, t. h. *Tropidonotus natrix*; Greifsw., quotes Crep.—1851: *Nematoideum*. 1861: *Nematoideum*.
nattereri Cobbold, 1879b, 412, *dentatus* 1839 renamed.—1879: *Stephanurus*.
necrophori Linst., 1878b, 241, t. h. *Necrophorus vespillo*.—1878: *Agamonematodum*.
neglecta Dies., 1851a, 276, t. h. *Pelophylax escul.*; M. C. V.—1851: Fil.
neglecta Dies., 1851a, 296, t. h. *Thynnus vulg.*; M. C. V.—1851: *Oncophora*, mt. 1871: *Onchophora*. 1852–53: *Onchofora*.
neglecta Leidy, 1856b, 52, t. h. *Diodon maculostriatus*; by Baird.—1856: Asc.
neglectus Jægers., 1909, 2, t. h. *Numenius arquatus*, etc.; Cagliari, Mus. Wien, Mus. Genoa.—1909: *Hystrichis*.
neglectus Poëppel, 1897a, 15, t. h. *Equus cab.*—1897: Str.
neitsib Herbst, 1787a, 27, for *neitsil* (Asc.).
neitsil Müell., 1776a, 214, t. h. *Phoca fœtida*; Greenland.—1776: Asc.
nelsonis Chatin, 1885a, 41, hng.—1885: Asc.
nematoides Greeff, 1869a, 112.—1869: *Desmoscolex*.
nematoideus dubius Schlotthauber, 1860a, 128, t. h. *Equus cab.*; by Schlotth.—1860: Helmins.
nematoideus paradoxus Schlotthauber, 1860a, 128, t. h. *Gadus æglefinus*, *Sterna hi-rundo*.—1860: Helmins.
neoplastica Fibiger & Ditlevsen, 1914, 1, t. h. *Mus decumanus*, etc.; Copenhagen.—1914: Spiropt. (*Gongylonema*). 1916: Gong.
neotoma Hall, 1916a, 132, t. h. *Neotoma cinerea rupicola*, etc.; Colo.—1916: *Nematodirus*.
nicothoe Pag., 1861a, 125, t. h. *Nicothoe*; by Pag.—1861: *Leptodera*.
nidifex Lint., 1900a, 267, t. h. *Galeocerdo tigrinus*; Woods Hole.—1900: *Acanthocheilus*.
niellyi R. Bl., 1885, [nv.]; 1890a, 67, based on Nielly, 1882, 337, in *Homo*.—1885: *Leptodera*. 1890: *Rhabditis*. 1889: Fil. 1893: *Lept.*
niger Man, 1893a, 100, free; Falmouth.—1893: *Siphonolaimus*, mt.
nigeria Leiper, 1911, 552, in large rodent; Nigeria.—1911: *Trachypharynx*, tod.
nigra Linst., 1903o, 529, a larva; from Zomba on Nyassa-See, S. Africa.—1903: *Mermis*.
nigrescens Duj., 1842a, 117; Rennes.—1842: *Mermis*, tod.

- nigrescens* Linst., 1906, 253, t. h. *Rana hexadactyla*; Kœnigsb.—1906: Cucullanus. 1915: Camallanus.
- nigrescens* Miell., 1780b, 140, in Hechte, etc.—1780: Asc. seta stricta.
- nigrescens* Miell., 1780c, 204, see seta stricta *nigrescens*.—1780: Asc. setatricula.
- nigrescens* Jerke, 1911: Olt, 1911, 898.—1911: Str.
- nigricans* Cobb, 1894c, 416; Bay of Nap.—1894: Chromagaster.
- nigricans* Leuck., 1867b, 53, for *nigrescens*? (Mermis).
- nigricinctus* Rail., 1898b, 173, t. h. *Palamedea cornuta*.—1898: Str.
- nigrovenosa* Gœze in Zed., 1800a, 50, t. h. Frœsche & Wasserkroeten; Germany.—1800: Asc. 1800: Fus. 1841: Oxyuris (Asc.). 1866: Leptodera. 1879: Rhabdonema, mt. 1880: Rhabdonema (Asc.). 1882: Angiost. 1882: Rhabditis. [1905: Rhabdias, tod.] 1908: Angiost. (Rhabdonema).
- ninæ kohi-yakimovi* Yakimoff, etc., 1914, 192, t. h. *Equus cab.*; Turkestan.—1914: Microfil.
- ninnii* Stoss., 1891a, 217 (2), t. h. *Corvus cornix*; Venice.—1891: Fil.
- ninnii* Stoss., 1891d (e), 112 (4), t. h. *Putorius vulg.*; Venice.—1891: Echinor. 1908: Chentrosoma.
- nisi* Frœl., 1802a, 35, t. h. *Falso nusus*; Ing.—1802: Asc.
- nitidulans* Schneid., 1866a, 81, t. h. *Tapirus americanus*; Brazil.—1866: Fil.
- nitida* Leidy, 1856b, 56, t. h. *Rana pipiens*; Ing. [U. S. A.].—1856: Fil.
- nitidum* Leidy, 1856b, 49; in Schuylkill River, near Phila.—1856: Potamonema, mt. 1878: Pontamonema.
- nitzschii* Gieb., 1866a, 87, t. h. *Balistes aculeatus*; by Gieb.—1866: Echinor.
- nitzschii* Gieb., 1866a, 276, t. h. *Mustela martes*; by Nitzsch.—1866: Trichoc.
- nivalis* Aur., 1883, 7, in snow; Alkhornet.—1883: Aphelenchus.
- nivalis* Kûehn, 1880 [nv.].—1880: Tylenchus. 1909: Tylenchus.
- nobilis* Cam., 1901b, 1; Argentine.—1901: Chord.
- noctux* Seur., 1913, 103, t. h. *Carine noctua glaux*; Birine, Hauts plateaux algeriens.—1913: Acuarina (Dispharynx).
- noctux* Seur., 1914, 222, t. h. *Carine noctua glaux*; Bou-Saâda.—1914: Allodapa.
- noctux-typicæ* Dies., 1851a, 104, t. h. *Noctua typica*; by Krosmann.—1851: Fil. 1851: Gord.
- nocturna* Mans., 1891f, 734; 1891g, 204, t. h. *Homo*; St.-Kitts.—1891: Fil. 1891: Fil. sanguinis hominis. 1901: Fil. sanguinis. 1904: Fil. hominis sanguinis. 1906: Microfil. 1908: Microfil. 1910: Fil. sanguinis ægyptiaca.
- nocturnæ* Henry, 1896g, 667, for *nocturna*. See *sanguinis hominis nocturnæ* (Fil.).
- nocturnis* Johnstone, 1903a, 34, for *nocturna*.—1903: Fil. sanguinis hominis.
- nodicaudatus* Daday, 1899, 567.—1899: Prismatolaimus.
- nodospina* Mol., 1858c, 402, t. h. *Falco subbuteo*; M. C. V.—1858: Fil.
- nodosa* Mol., 1858c, 380, t. h. *Cebus personatus*, *Jacchus melanarus*; M. C. V., Coll. Brazil, Matogrosso, Irisanga.—1858: Fil.
- nodosa* Rud. of Linst., 1903u, 268, for *nodulosa*, in *Lanius collurio*, *Marienburg*; L. erythronotus, *Turkestan*.—1903: Fil.
- nodosum* Eberth, 1863a, 53.—1863: Trichosomum. [See ? *Trichoc. nodosus* Rud.]
- nodosus* Rud., 1809a, 96, *muris* renamed, t. h. *Mus musculus*; Gœze, 1782a.—1809: Trichoc. 1824: Tricoc. 1828: Tricoc. [? 1863: Trichosoma.] 1916: Trichuris.
- nodosus* Rud.; Wyman, 1843a, 95, ? for *nodulosus*, t. h. *Labrax lineatus*.—1843: Echinor.
- nodularis* Rud., 1809a, 230, *nodulosus* renamed, t. h. *Anser*.—1809: Str. 1909: Trichostr.
- nodulosa* Rud., 1809a, 84, t. h. *Gallina*; by Gœze.—1809: Hamularia.
- nodulosa* Rud., 1820a, 13, t. h. *Lanius collurio*; [Germany].—1820: Fil. [1861: Monopetalonema.]
- noduloso striata* Linst., 1878a, 107, for *unduloso-striata* Baird, 1862b.—1878: Asc.
- nodulosus* Mayer, 1841a, 14, *ambigua* renamed, in rabbit.—1841: Oxyuris.
- nodulosus* Rud., 1803a, 18, includes *anseris* Zed.—1803: Str.
- nodulosus* Schrank, 1790a, 124, t. h. *Silurus glanis*; teste Schrank; [t. h. *Cyprinus dobula*; teste Zed.].—1790: Echinor.
- nœrneri* Rail. & Henry, 1907a, 752, t. h. *chevreuil*.—1907: Dictyocaulus.
- normandica* Man, 1890b, 169; Calvados, de la Manche.—1890: Monhystera (Theristus).
- norvegicus* Schep., 1907a, 143; Bergen.—1907: Desmoscolex.
- notodontæ-camelinæ* Dies., 1851a, 102, t. h. *Notodonta camelina*; by Rossi.—1851: Fil. 1851: Gord.
- notodontæ-dromedarii* Dies., 1851a, 111, t. h. *Notodonta dromedarius*; by Sieb.—1851: Mermis.
- notodontæ-zizac* Dies., 1851a, 102, t. h. *Notodonta zizac*; by Degeer.—1851: Fil. 1851: Gord.
- nouvelli* Foster, 1914, 45, for *nouveli* 1914 (*Tropidocerca*).

- nouveli* Seur., 1914, 778, t. h. *Himantopus himantopus*; Alger.—1914: *Tropidocerca*.
 1914: *Tetrameres*. 1915: *Tetrameres* (*Tetrameres*).
nouveli Seur., 1915, 157, t. h. *Accipiter nisus*, *Aquila chrysaetos*; Bou-Saâda.—1915: *Physalopt. alata*.
nouveli Seur., 1915, 160, t. h. *Genetta afra bonapartei*; Alger.—1915: *Habronema*.
novacula Rud., 1819a, 58, t. h. *Labrus novacula*; Nap.—1819: Asc.
novæ-zealandiæ Cobb, 1904, 366, in fresh water; Lakes Taupo, Waikaremoana, New Zealand.—1904: *Mermis*.
novæ-zealandiæ Cobb, 1904, 367, free; Lake Taupo, New Zealand.—1904: *Dorylaimus*.
novellæ Par., 1890d, 396, t. h. *Artibeus perspicillatus*; Porto Rico.—1890: *Echinor*.
nuda Leidy, 1856b, 51, t. h. *Crotalus adamanteus*; by Schaffhirt.—1856: Asc.
nuda Mol., 1860b, 919, t. h. *Falco cyaneus*, etc.; Brazil.—1860: *Spiropt.*
nuda Rodenwaldt, 1914, 211, t. h. *Homo*; from Bessari.—1914: *Microfil.*
nudicapitata Bast., 1865c, 168, tidepools; Falmouth.—1865: *Chromadora*.
nudicapitatus Steiner, 1914, 424; Bern, Switz.—1914: *Diplogaster*.
numidæ Geddes, 1911a, 107, t. h. Guinea-fowl.—1911: *Microfil.*
numidæ Leiper, 1908, 193, t. h. *Numida ptilorhyncha*; White Nile.—1908: Het. 1914: *Ascaridia*.
numidica Seur., 1914, 344, t. h. *Felis ocreata*; Setif.—1914: *Protospirura*, tod.
numidica Seur., 1915, 122, t. h. *Vulpes vulpes atlantica*; Blida.—1915: *Allodapa*.
numidica Seur., 1917, 354, t. h. *Lepus pallidior*, *L. kabylicus*; Algeria.—1917: *Fil.*
numidica Seur., 1917, 217, t. h. *Dipodillus campestris*; Bou-Saâda.—1917: *Physalopt.*
numidicum Seur., 1917, 94, t. h. *Rana ridibunda*; Algeria.—1917: *Porrocæcum*.
numidicus Seur., 1917, 23, t. h. *Vulpes zerda*; S. Tunis.—1917: *Streptopharagus*.
nuptæ Schrank, 1788a, 3, t. h. *Bachweideneule*; Gœze, 1782a.—1788: *Fil.*
nuptæ Latter, 1904a, 319, misprint for *mystax* (Asc.).
nyctæ Marval, 1904, 573, for *nyctæ* (*Echinor*).
nyctæ Schrank, 1788a, 22, t. h. *Strix stridula*; Gœze, 1782a.—1788: *Echinor*.
nycteribæ Kolenati, 1857e, 67.—1857: *Mermis*.
nyctinomi Linst., 1901b, 412, t. h. *Nyctinomus martiensseni*; Langenburg, Nyassa-See, Africa.—1901: *Spiropt.*
nyelleyi Moniez, 1896a, 345, for *nielleyi* (*Rhabditis*).
obconica Baird, 1860, 447, t. h. *Uranops angulatus*; Brazil.—1860: Asc.
obesa Dies., 1851a, 141, t. h. *Hydrochoerus capybara*; Brazil.—1851: *Oxyuris*.
obesa Seur., 1915, 11, t. h. *Caccabis petrosa spatzi*; Oued N'za.—1915: *Hartertia*, tsd.
obesus Cam., 1895a, 4; Holland.—1895: Gord.
obesus Linst., 1902a, 229, t. h. *Oriolus* sp.; S. America.—1902: *Echinor*.
obligacanthus Shipley, 1903l, 149, misprint for *oligacanthus* (*Echinor*).
obliquus Cobb, 1917n, 438, in soil; Germany.—1917: *Mononchus* (*Mylonchulus*).
obliquus Duj., 1845a, 515, t. h. *Certhia* fam.; Rennes.—1845: *Echinor*.
obovatus Ols., 1893a, 37, t. h. *Mergus serrator*; Bergen.—1893: *Echinor*.
obovatus Rud., 1810a, 290, see *ovatus* (*Echinor*).
obtunsa Leidy, 1886e, 308, t. h. *Junco hyemalis*, etc.; Penn., Fla.—1886: *Fil.*
obtunsa Linst., 1889a, 33 for *obtunsa* (*Fil.*).
obturans Prenant, 1886a, 215, t. h. brochet; Nancy.—1886: *Fil.*
obtusa Cobb, 1893a, 811 (34), in soil; Australia.—1893: *Brachynema*, mt.
obtusa Ehrenb. in Hemp. & Ehrenb., 1828a, (*Hyrax*) unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: *Oxyuris flagellum*.
obtusa Frœl., 1791a, 88, t. h. *Mus musculus*; Europe.—1791: Asc.
obtusa Fuchs, 1915, 141, t. h. *Ips tyographus*.—1915: *Rhabditis*.
obtusa Par., 1899a, 15, cf. *ecaudata* Oerley.—1899: *Fil.*
obtusa Rud., 1802a, 3, t. h. *Hirundo rustica*; Greifsw.—1802: *Fil.* 1815: Gord. (*Fil.*) [1909: *F. (Diplotriæna)*.]
obtusa Rud., 1819a, 27, t. h. *Mus musculus*; Greifsw.—1819: *Spiropt.*
obtusa Villot, 1875a, 463, free; Roscoff.—1875: *Anticoma*.
obtusæ-caudatum Dies., 1861a, 710, for *obtusæ-caudata* 1819, in aves *brasilienses*.—1861: *Monopetalonema*.
obtusicaudata Bast., 1865c, 173, for *obtusocaudata* Kœll., 1845.—1865: *Lineola*. 1865: *Phanoglene*.
obtusicaudata Kröyer, 1843-45a, 644, for *obtusocaudata* (Asc.).
obtusicaudatus Bast., 1865c, 106, in woods; Falmouth.—1865: *Dorylaimus*.
obtusicaudatus Daday, 1899, 563.—1899: *Mononchus*. 1916: *M. (Mylonchulus)*.
obtusicaudatus Daday, 1899, 569.—1899: *Plectus*.
obtusicaudatus Eberth, 1863a, 36, marine; Nizza.—1863: *Enoplus*.
obtusicaudatus Man, 1907, 74.—1907: *Linhomœus* (*Linhomœus*).
obtusiusculum Rud., 1819a, 13, t. h. *Ardea grus*; M. V.—1819: *Trichosoma*. 1915: Cap. (Cap.).

- obtusissima* Mol., 1860d, 654, t. h. *Bothrops jararacca*, etc.; Brazil.—1860. *Physalopt.*
obtusocaudata Koell., 1845b, 88, marine; Messina.—1845: *Lineola*. [1865: *Phanoglene*.]
obtusocaudata Rud., 1819a, 634, t. h. *Picus lineatus*; Brazil.—1819: *Fil.* [1861: *Monopetalonema*.]
obtusocaudata Schneid., 1866a, 101, t. h. *Falco subbuteo*; probably Berl.—1866: *Fil.* [1897: *Fil. schneideri*.]
obtusocaudata Zed., 1800a, 23, t. h. *Salmo trutta*; by Zed.—1800: *Fus.* 1809: *Asc.*
obtusum Rud., 1819a, 13, t. h. *Strix aluco*, etc.; Europe.—1819: *Trichosoma*.
obtusum Bast., 1865c, 128, at rootlets of oats; Broadmoor, Berks.—1865: *Tylenchus*.
obtusum Cobb, 1893b, 291(42), about roots of banana plants; Fiji.—1893: *Dorylaimus*.
obtusum Cobb, 1894c, 419, in marine sand; Bay of Nap.—1892: *Solenolaimus*, mt.
obtusum Cobb, 1913, 441.—1913: *Trichodorus*, mt.
obtusum Cobb, 1913, 442, about roots of grass, borders of irrigation ditch; Jamaica, W. Indies.—1913: *Oionchus*, mt.
obtusum Cobb, 1916, 199, in sand filter beds; Wash., D. C.—1916: *Cylindrolaimus*.
obtusum Cobb, 1917n, 450; in River Main, Germany.—1917: *Mononchus* (*Mononchus*).
obtusum Duj., 1845a, 105, t. h. *Scyllium catalus*; Cette, Med.—1845: *Proleptus*.
obtusum Duj., 1845a, 107, t. h. *Caprimulgus europæus*; Mus. Paris.—1845: *Eucamptus*, mt.
obelata Crep., 1825a, 10, t. h. *Larus maximus*, etc.—1825: *Spiropt.* 1877: *Fil* 1909: *Disph.*
obelata Rud., 1802a, 18, t. h. *Mus musculus*; by Rud.—1802: *Asc.* 1803: *Fus.* 1845: *Oxyuris*. 1916: *Syphacia*, tod.
occidentalis Montg., 1898a, 50; San Francisco & Arizona.—1898: *Chord.*
occidentalis Rans., 1907k, 3, t. h. *Ovis aries*; Montana.—1907: *Ostertagia*.
occupantibus Lucius, 1594, [nv.]; Celsus, 1567a, 1 [nv.].—1754: *Lumbricus alvum*.]
ocellata Buetsch, 1874b, 265; Kieler Bucht.—1874: *Monohystera*. 1875: *Monhystera*.
ocellata Carter, 1859b, 43, in clots of *Oscillatoria* in salt water drain; Isl. of Bombay.—1859: *Urolabes*. 1863: *Phanoglene*. 1865: *Chromadora*.
ocellatus Bast., 1865c, 163, tide-pools; Falmouth.—1865: *Cyatholaimus*, tsd.
ochmanni Fülleborn, 1909, 160, t. h. *Canis* fam.; Deutsch-Ost-Africa.—1909: *Fil.* 1911: *Microfil.*
ochracea Linst., 1894b, 339, t. h. *Thymallus vulg.*; lng.—1894: *Fil.* 1909: *Spiropt.*
ochreateus Nev.-Lem., 1912, 1224, for *ochreateus* (*Synthetocaulus*).
ochreatea Goeze, 1782a, 182, t. h. *Maulwurf*.—1782: *Fasciola*. 1788: *Cucullanus*. 1809: *Monost.*
ochreateus Rail. & Henry, 1907a, 753, in mouton; Algeria.—1907: *Synthetocaulus*.
octangulare Cobb, 1914, 74; Dismal Swamp, Va.—1914: *Iota*. 1917: *Hoplolaimus*.
octiespapillata Linst., 1876a, 11, in sand; Ratzeburgersee.—1876: *Trilobus*.
octocornutus Mol., 1860e, 344, t. h. *Psittacus macao*; Brazil.—1860: *Elaphoc.*, mt.
octodactyla Linst., 1906, 750, t. h. *Canis* fam.; Landau bei Niederhochstadt (Pfalz).—1906: *Cloacina*.
oculata Linst., 1878a, 347.—1878: *Monhystera*.
oculata Linst., 1899b, 6, t. h. *Python reticulatus*; Berl. Mus.—1899: *Asc.*
oculata Mar., 1870a, 35, free; Pharo.—1870: *Acanthopharynx*.
oculatus Oersted, 1844, 80.—1844: *Anguillula*. 1861: *Enoplus*.
oculi Chiralt, 1880a, 2, cf. *lentis*, t. h. *Homo*.—1880: *Fil.*
oculi Gerv. & Ben., 1859b, 142, (see *loa*), in *Homo*; Africa; see Guyon.—1859: *Fil.* 1861: *Dracunculus*. 1905: *Dracunculus*.
oculi Haselbach, 1884a, 63, t. h. sheep.—1884: *Fil.*
oculi Clarkson, 1845a, 73, t. h. horse.—1845: *Fil.*
oculi "C. W. W., 1891," *Am. Vet. Rev.*, 290, t. h. parrot.—1891: *Fil.*
oculi Owles, 1860a, 56, t. h. *Equus* cab.; Bengal.—1860: *Fil. papillosa*.
oculi Sieb., 1839, 158, [in eye of *Homo*]; based on Ammon; [cf. *oculi humani*].—1839: *Fil.* 1907: *Agamofil.*
oculi asini Cond.-Franc., 1892e, 173, t. h. *Equus asinus*; by Rivolta.—1892: *Fil.*
oculi canini Gescheidt, 1833a, [440-441,] 445, t. h. *Canis* fam.; by Gescheidt.—1833: *Fil.*
oculi equi Nitsch of Nordm., 1832a, 12, t. h. *Equus* cab.; Halle.—1832: *Fil.*
oculi equini Willach, 1892a, 361, t. h. *Equus* cab.; Germany.—1892: *Rhabditis*.
oculi hominis Vaull., 1901a, 129, for *oculi humani* (*Fil.*).
oculi humani Nordm., 1832a, 7, t. h. *Homo*; by Græfe [Berl.], Germany.—1832: *Fil.* 1916: *Agamofil.*
oculi ovis Fiebiger, 1912, 232, t. h. *Ovis aries*—1912: *Fil.*
oculi ranæ Nordm., 1832a, 17, t. h. *Rana escul.*; by Nordm.—1832: *Asc.* [?1833: *Fil.*] 1909: *Agamonema*.

- oculi ranæ* Nordm., 1833b, 268, t. h. reptiles.—1833: Fil.
oculis Chiralt, 1880a, 2, misprint for oculi (Fil.).
œdinemii Rud., 1819a, 78, t. h. Charadrius œdinemus; C. E. V.—1819: Echinor.
œdinemii Westrumb, 1821a, 26, for œdinemii (Echinor.).
œdinemonis Dies., 1851a, 31, for œdinemii (Echinor.).
œdypodæ-cærulescentis Dies., 1851a, 97, t. h. Oedipoda cærulescens; by Heeger & by Seiler.—1851: Fil. 1851: Gord.
œdypodæ-biguttulæ Dies., 1851a, 97, t. h. Oedypoda biguttula; Austria.—1851: Gord.
œdypodæ-migratoriæ Dies., 1851a, 96, t. h. Oedypoda migratoria; Berl.—1851: Gord.
œdypodæ-parallæ Dies., 1851a, 97, t. h. Oedypoda parallela; M. C. V.—1851: Gord.
örleyi Man, 1881a, 139.—1881: Chromadora.
œsophagea bovis Müell., 1869b, 303, t. h. Bos taurus; Wien.—1869: Spiropt. scutata.
œsophagea Polonio, 1859a, 1 [nv.]; Par., 1894a, 243, t. h. Tropidonotus viperinus; Padua.—1859: Fil.
œsophagea Skrj., 1909, 815, see scutata.—1909: Spiropt. scutata.
œsophagea bovis Müell., 1869a, 127.—1869: Spiropt. scutata. 1894: Fil. scutata. 1896: Fil. skutata.
œsophageus Rud., 1819a, 36, t. h. Vulpes; Mus. Wien.—1819: Str. vulpis.
œsophagi bovis Fiebiger, 1912, 324, see scutata œsophagi bovis (Spiropt.).
okularia Lingard, 1906, 283, in horse and cattle, for oculi (Fil.).
okularis Lingard, 1906, 275 in horse and cattle; India; for okularia (Fil.).
okuli humani Schneidem., 1896a, 307, for oculi humani (Fil.).
olæ Cobb, 1906, 178; Hilo, H. I.—1906: Tylenchus.
olesistus Bos, 1893, [nv.]; 1901, 180.—1893: Aphelenchus.
olesistus longicollis Schwartz, 1911, 35, in Veilchengalle; Greitz.—1911: Aphelenchus.
oligacanthoides Rud., 1819a, 64, t. h. Coluber olivaceus; Brazil.—1819: Echinor.
oligacanthus Rud., 1819a, 64, t. h. Coluber quadrilineatus; Florentiæ.—1819: Echinor.
oligotoca Sieb. in Carus, 1857a, pl. 8, hng.; Ing.—1857: Asc.
olor Müell., 1786a, 75.—1786: Vibrio. [1838: Lacrymaria.]
omra Lane, 1914, 394, t. h. Elephas indicus; India.—1914: Amira, tod.
onchophorus Nev.-Lem., 1912, 717, for onchophorus (Str.).
oncocola von Ihering, 1902a, 45, t. h. Felis onça; Bahurū, S. Paulo.—1902: Echinor.
onchophorus Rail., 1898b, 173, t. h. bœuf.—1898: Str. 1907: Cooperia.
opaca Barker & Noyes in Barker, 1915, 195, t. h. Fiber zibeticus; Neb.—1915: Trichuris.
opeutara Leidy, 1891a, 411, t. h. Cyclura baeolopha; New Providence Isl.—1891: Atractis (Asc.).
ophicephalum Clap., 1863a, 88, free, in Seewassertuempfel; St. Vaast.—1863: Chætosoma, mt.
ophidii-barbati Rud., 1819a, 57, t. h. Ophidium barbatum; Nap.—1819: Asc.
ophidii-imberbis Rud., 1819a, 57, t. h. Ophidium imberbe; Nap.—1819: Asc.
ophisaurus Froriep, MS., in Rud., 1809a, 98, t. h. Lacerta apus.—1809: Trichoc.
ophthalmica Linst., 1903k, 111, t. h. Turnix taigor; Siam.—1903: Cheilospirura. 1904: Oxyspirura.
ophthalmica Linst., 1898c, 285, t. h. Carpophaga brencleyi; Ralum.—1898: Ancyra-canthus. 1904: Ceratospira.
ophthalmophaga Stoss., 1902d(e), 73(3), t. h. Falco sp.; Abyssinia.—1902: Aprocta.
ophthalmophaga Skrj., 1917, 305 for ophthalmophaga (Aprocta).
opisthogonima Linst., 1908, 25, t. h. Testudo smithi; Africa.—1908: Oxyuris.
opobensis A., D., & E., 1901b, 39, t. h. Hyphantornis sp., H. aurantus; Nigeria.—1901: Fil.
orbitalis Linst., 1901c, 188, t. h. Falco fuscoater; Breslau Coll.—1901: Aprocta.
orca Linst., 1906, 166, t. h. Manis pentadactyla; Horane.—1906: Spiropt.
orestiæ Nev.-Lem., 1905d, 31, t. h. Orestias tshudii; Lac Titicaca.—1905: Echinor.
orestiæ Moniez, 1889p (q), 361 (1), t. h. Orestias mülleri; Lake Titicaca, Peru and Bolivia.—1889: Hædruris.
oricola Linst., 1901e, 279, t. h. Grystes salmonoides; New York.—1901: Echinor.
orientalis Dolley, 1894a, 996, t. h. Periplaneta orientalis.—1894: Gordius.
orientalis Jimbo, 1914, 459, t. h. Homo; Japan.—1914: Trichostr.
orientalis Sarcani, 1888a, 222, t. h. Homo; Vartina, Roumania.—1888: Fil. romanorum.
orioli M. C. V. in Mol., 1858c, 393, t. h. Cassicus ater, etc.; Caiçara.—1858: Fil. [1858: Fil. cassici-atri (abdominalis). Fil. pyrrhropteri (abdominalis).]
orioli M. C. V. in Mol., 1860b, 957.—1860: Spiropt. [1860: S. cephalopt.]
orioli Rud., 1819a, 77, t. h. Oriolus galbula; C. E. V.—1819: Echinor.
orioli Westrumb, 1821a, 40 [nec Rud.,] for orioli-cristati (Echinor.).
orioli-cristati Rud., 1819a, 673, t. h. Oriolus cristatus; Brazil.—1819: Echinor.
oris Leidy, 1850f, 117, t. h. Homo; U. S. A.—1850: Fil. hominis. 1913: Fil. sanguinis hominis. 1916: Agamomermis hominis. 1916: Mermis hominis. 1916: Agamomermis. 1916: Mermis.

- orispinus* Mol., 1858 (1859e), 300, t. h. Ibis falcinellus; Padua.—1858: Hystrichis.
orispinus Mol., 1861a, 522 (98), includes nodularis, etc., t. h. Anas anser dom., etc.; M. C. V.—1861: Str.
ormatus Olfers, 1816a, 58, misprint for armatus (Str.).
ormerodis Bos, 1891, 1, in strawberries; Kent, Eng.—1891: Aphelenchus.
ornata Bast., 1865c, 130, between sheaths of leaves, stalks of wheat; Broadmoor, Berks.—1865: Rhabditis.
ornata Duj., 1845a, 144, t. h. Rana escul., R. temp.—1845: Oxyuris. 1861: Cosmocerca, type. 1866: Nematoxys, tsd. [1916: Cosmocerca ornata of Dies., 1861, not of Duj., 1845, taken as type.]
ornata Linst., 1897i, 29 t. h. Stellio vulg.; Coll. Koenigsb.—1897: Het. 1914: Het. (Strongyluris).
ornata Mehl. in Crep., 1846a, 132, t. h. Corvus glandarius; by Mehl.—1846: Spiropt.
ornatum Duj., 1843a, 347, de la Farlouse (Anthus pratensis).—1843: Trichosoma. 1845: Calodium. 1915: Cap. (Cap.).
ornatum Schneid., 1866a, 28.—1866: Oxysona.
ornatus Bast., 1865c, 163, tide-pools; Falmouth.—1865: Cyatholaimus.
ornatus Büetsch., 1873a, 94, on moss roots; Germany.—1873: Plectus.
ornatus Eberth, 1863a, 40, marine; Nizza.—1863: Enoplus. 1865: Symplocost. 1875: Euryst.
ornatus Gendre, 1912, 28 (5), t. h. Corvus scapularis; Abomey.—1912: Disph. 1912: Acuaris (Acuaris).
ornatus Grenacher, 1868a, 323, t. h. Mantis; Philippines.—1868: Gord. 1897: Chord.
orthagorisci Rud., 1819a, 56, t. h. Orthagoriscus mola; Nap.—1819: Asc. 1898: Cucullanus.
orthocerca Stoss., 1902c (d, e), 67 (7), t. h. Rhea americana; Cagliari.—1902: Het. 1914: Ascaridia.
osculata Rud., 1802a, 14, t. h. Phoca vitulina; by Rud.—1802: Asc. 1803: Fus. 1809: Asc. [1914: Kathleena, tod.] 1915: Kathleena, tod.
osleri Cobbold, 1879b, 304, t. h. Canis fam.; by Osler.—1879: Fil. 1915: Pseudalius.
osmeri Linst., 1878b, 240, t. h. Osmerus eperlanus; Ing.—1878: Asc.
os-papillatum Piana in Piana & Stazzi, 1900a, 511, t. h. Elephas indicus; at Milan, from India.—1900: Unc. [1909: Bathmost. sangeri.]
ostertagi Stiles, 1892, 147, convolutus 1890 renamed, t. h. Bos taurus; Germany.—1892: Str. 1903: Hæmonchus. 1907: Ostertagia, tod.
ostinops Daniels, 1902, 334, t. h. Ostinops decumanus; Brit. Guiana.—1902: Fil.
ostroumovi Golowin, 1901a [nv.]; 1901b, 751, t. h. Acipenser ruthenus.—1901: Asc.
otidis Marval, 1905a, 213, ior otidis-houbaræ (Echinor.).—1914: Gigantor. 1914: Heteroplus, tod.
otidis Schrank, 1788a, 23, t. h. bunte Ohreule, Asio otus; Gœze, 1782a.—1788: Echinor.
otidis-houbaræ Dies., 1851a, 56, t. h. Otis houbara; Switz., teste Miescher.—1851: Echinor. [1914: Gigantor.]
otiorhynchi-ragusensis Dies., 1851a, 93, t. h. Otior. ragusensis; Dalmatia, by Heeger.—1851: Fil. 1851: Gord.
otolicni Ben., 1890a, 389, t. h. Otolicnus peli; Guinée; Rail. & Henry, 1914, 680; in Galago demidoffi, G. galago.—1890: Str. 1914: Subulura.
otophorus Man, 1880a, 55, in sand; Holland.—1880: Plectus.
ovale Lee, 1840a, 283, cf. ovata, s. Gord. piscium.—1840: Fil.
ovalis Linst., 1907, 252, t. h. Podiceps cristatus; Ing.—1907: Asc.
ovata Linst., 1907, 252, t. h. Astur melanoleucus; Kamerun.—1907: Physalopt.
ovata Zed., 1803a, 36, t. h. Cyprinus gobic.—1803: Fil. 1815: Gord. (Fil.). 1851: Agamonema. 1889: Ichthyonema.
ovatus Linst., in Smidt, 1906a, 646, t. h. Hylobates syndactylus, H. agilis; Palembang, Sumatra.—1906: Str. 1912: Oesophagost.
ovatus Linst., 1910, 133, t. h. Delphinus tursio; Portoferraio, Elba.—1910: Pseudalius.
ovatus Leidy, 1850b, 97, t. h. Felis leopardus; by Leidy.—1850: Echinor.
ovatus Zed., 1800a, 118, t. h. Cyprinus, etc.; by Zed.—1800: Echinor.
oviflagellis Fourm., 1883c, 578, t. h. Merlangus vulg.; by Fourm.—1883: Spinitectus, mt. [1900: Liorynchus.]
ovinus Gmel., 1790a, 3044 and Fabr., 1794, 5, t. h. Ovis aries; Praest, Hobroe, Tyl-land.—1788: Str. 1893: Sclerost. 1909: Chabertia, tod.
ovis Abldg., 1795, [nv.]; Rail., 1893a, 481.—1795: Trichoc. 1911: Trichuris.
ovis Brown, 1897, 21, apparently for ovis pulmonalis, in sheep.—1907: Pseudalius.
ovis Carita, 1887a, 60 [nv.]; Rail., 1893a, 450; t. h. Ovis aries.—1887 or 1893: Oesophagost. inflatum.
ovis Daniels, 1914, 273, misprint for oris.—1914: Fil. hominis.
ovis Fiebiger, 1912, 232, t. h. Ovis aries.—1912: Fil. oculi.
ovis Perronc., 1886f, 86, t. h. Ovis aries; Italy.—1886: Rhabdonema.

- ovis* Rud., 1810a, 265.—1810: Vermis (dubius).—1819: Dubium. 1851: Nematoideum.
ovis Rud., 1819a, 54, t. h., *Ovis dom.*; C. E. V.—1819: Asc. 1896: Askaris.
ovis Simmonds, 1881-1882, [nv.]; Williams, 1885a, 44; in *Ovis aries*.—1881-1882: Abomesi. 1885: Abomesi. [1885: Str. contortus.]
ovis (pulmonale) Dies., 1851a, 333, t. h. *Capra aries*; by Sandie & Padley.—1851: Nematoideum. 1883: Pseudalius. 1886: Pseudulius. 1890: Str. (Pseudafius). [1916: Synthetocaulus rufescens.]
ovis pulmonaris Gilruth, 1903c, 313, for *ovis pulmonalis* (Str.).
ovocinctus Rans., 1911a, 15, t. h. *Antilocapra americana*; U. S. A.—1911: Strongyloides.
ovocostata Linst., 1886a, 121 [nv.], t. h. *Cetonia aurata*.—1886: Oxyuris.
ovocristatus Linst., 1897i, 34, t. h. *Centetes ecaudatus*; Madagascar.—1897: Echinor.
ovopunctatum Linst., 1873g, 296, t. h. *Sturnus vulg.*; by Linst.—1873: Trichosoma. 1915: Cap. (Cap.).
oxyuris Büetsch., 1873a, 18 misprint for oxyuris (Cephalobus).
oxophila Schneid., 1866a, 151, 160, aceti and glutinis renamed.—1866: Leptodera. 1866: Pelodera. 1880: Anguillula. 1890: Rhabditis. 1890: Anguillula.
oxycaudatum Greef, 1869a, 115.—1869: Trichoderma, mt.
oxycephala Büetsch., 1874b, 283; Kieler Bucht.—1874: Spilophora.
oxycephalus Man, 1880a, 31, in sand; Holland.—1880: Aulolaimus, mt.
oxycephalus Man, 1885a, 15.—1885: Dorylaimus.
oxycephalus Ward & Magath, 1917, 59, t. h. white bass, black crappie; Fairport, Iowa.—1917: Camallanus.
oxycerca Man, 1888a, 10.—1888: Monhytera. [1889: M. (Penzancia).] 1907: M. (P.).
oxycerca Man, 1895, 85, in *Calanthe*; by Bos.—1895: Rhabditis.
oxyphila Lindner, 1890a, 26, for *oxophila* (Rhabditis).
oxyura Nitzsch, 1821a, 48, t. h. *Mus musculus*; Ing.—1821: Asc.
oxyuris Bond, 1874a, 818, for *vermicularis* (Asc.).
oxyuris Büetsch., 1873a, 81, in roots; Germany.—1873: Cephalobus.
oxyuris Claus, 1862b, 355, free in humus; by Claus.—1862: Anguillula. 1873: Rhabditis.
oxyuris Ditlevsen, 1912, 230; Hellerup Strandeng.—1912: Oncholaimus.
oxyuroides Man, 1876a(b), 140(63); Leiden.—1876: Cephalobus.
oxyurus Pall, 1774, 16.—1774: Lumbricus.
ozouri Rail. & Henry, in *Ozoux* & Henry, 1909, 544, t. h. *Faudias madagascariensis*; Noissi-Bé.—1909: Fil. (Diplotrixena, tod.).
ozzardi Mans., 1897d, 1837, t. h. *Homo*; Brit. Guiana.—1897: Fil. 1907: Microfil.
ozzardi truncata Mans., 1907, [nv.]; Braun, 1908a, 303; t. h. *Homo*.—1907: Fil. [1908: F: perstans.]
ozzardi Daniels, 1902, 358, for *ozzardi* (Fil.).
pacheia Drasche, 1882 (1883a), 140, t. h. *Sarcorhamphus papa*; Brazil.—1882: Asc.
pachicephalus Mol., 1861a (b), 610 (186), t. h. *Cygnus olor*; Padua.—1861: Hystrichis.
pachyacanthos Sons., 1889c, 231, for *pachyacanthus* (Echinor.).
pachyacanthus Sons., 1889c, 228, t. h. *Canis aureus*, *Magalotis cerdo*; Egypt.—1889: Echinor.
pachycephalum Mol., 1861a(b), 450(26), t. h. *Cercopithecus nictitans*, C. *sabæus*; S. America.—1861: Oesophagost.
pachycephalus Neum. 1892d, 377, for *pachic*. 1861 (Hystrichis).
pachyderma Crep., 1851b, 280, t. h. *Falco aesalon*; Greifsw.—1851: Spiropt.
pachyderma Linst., 1877b, 177, t. h. *Podiceps minor*; Hagenau.—1877: Trichosoma. 1915: Cap. (Thominx).
pachyderma Linst., 1906, 248, t. h. *Schistocerca paranensis*; Buenos Aires, Argentine.—1906: Mermis [Agamomermis].
pachyderma Stoss., 1902c(d; e), 5(65; 5), larva, t. h. *Lamna cornubica*; Genova, Nap.—1902: Asc.
pachydermatica Stoss., 1902e, 9, t. h. *Hyrax*; Eritrea.—1902: Unc.
pachydermatos Cobb, 1913, 441, roots of cherry trees; Japan.—1913: Nygolaimus, mt. tod.
pachydermis Daday, 1908, 21; Kilima-Ndjaru.—1908: Dorylaimus.
pachydermus Oerley, 1881a, 331; New Zealand.—1881: Gord.
pachyuli Par., 1898a(b), 115(14), for *pachyuli* (Oxyuris).
pachyuli Par., 1896b(c), (109), t. h. *Julus communis*, J. sp.; Palermo, Genova.—1896: Oxyuris.
pachykeramotum Wedl, 1856b, 127, t. h. Jagdleopard; Wedl.—1856: Trichosoma. 1915: Cap. (Cap.).
pachyscelis Rail. & Henry, 1910, 314, t. h. mouton, beuf; India, etc.—1910: Gai-geria, tod.
pachysoma Linst., 1876a, 8, t. h. moss; Stade.—1876: Dorylaimus.
pachysoma Linst., 1899b, 6, t. h. *DiaCOPE macrolepis*; Massaua.—1899: Asc.

- pachysoma* Linst., 1905t, 358, t. h. *Vespa germanica*; from Shipley.—1905: Mermis.
pachysomus Crep., 1839a, 284, t. h. Lachs; by Crep.—1839: Echinor.
pachystomus Linst., 1873g, 296, t. h. *Bliccopsis rutiloides*; by Linst.—1873: Cucullanus.
pacificus Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: Dorylaimus.
paganelli Mol., 1859h, 32, t. h. *Gobius paganellus*; Padua.—1859: Nematoideum.
 1861: Agamonematodum. 1894: Agamonema.
palæformis Rud., 1819a, 16, t. h. *Simia sphinx*, etc.; Berl., etc.—1819: Trichoc.
palamedæ-cornutæ M. C. V. in Mol., 1860e, 350, renamed *Str. anulatus*.—1860: Spiropt.
paliformis Crep., 1845, 326, for *palæformis* (Trichoc.).
pallaryi Seur., 1917, 45, t. h. *Agama bibroni*; Mogador. Bou-Saâda.—1917: Physalopt.
pallaryi Seur., 1915, 28, t. h. *Xerusetulus*; Maroc.—1915: Oxyuris. 1916: Syphacia.
pallasi Stross., 1899d, 89, for *pallasii* (Str.).
pallasii Ben., 1870a, 366, t. h. *Beluga leucas*; by Pall.—1870: Str.
pallasii Linst., 1903u (1904a), 271, t. h. *Acipenser stellatus*; Kaspisches Meer.—1903: Asc.
pallidus Linst., 1906, 244, hng; Kronstadt. Siebenbuerger.—1906: Gord.
pallidus Linst., 1906, 557, renamed *semilunaris* in fresh water; Korea.—1906: Gord.
palpalis Nev.-Lem., 1912, 811, for *palpebralis* Wilson (Fil.).
palpebralis Mol., 1858c, 423, t. h. *Turdus olivascens*; Matogrosso.—1858: Fil. turdi-olivascensis.
palpebralis Mol., 1858c, 427, t. h. *Tinamus variegatus*; Brazil.—1858: Fil. tinami-variegati.
palpebralis Pace, 1866a, 152, t. h. *Homo*; Italy.—1866: Fil. 1910: Agamofil.
palpebralis Wilson, 1844 [nv.], in *Equus cab.*—1844: Fil.
palpebrarum Bail., 1858e, 703; 1858, 386; t. h. *Bos taurus*.—1858: Fil.
palpebrarum Linst., 1901c, 189, t. h. *Cebus capucinus*; Breslauer Sammlung.—1901: Cheilospirura.
paludicola Linst., 1883a, 300; apparently Turkestan.—1883: Mermis.
paludicola Man, 1881a, 138.—1881: Monhystera.
paludineæ Ehrenb. in Hempr. & Ehrenb., 1828a, v. 1, t. h. *Paludina vivipara*.—1828: Phacelura. mt.
palustris Carter, 1858a, 414 [aquatic. in putrescensy; Isl. of Bombay].—1858: Urolabes mt. 1865: Dorylaimus.
palustris Cobb, 1917n, 438, in white cedar swamp; Wisconsin.—1917: Mononchus (Mononchus).
palustris Daday, 1908, 17, in fresh water; Bura-Sumpf.—1908: Cephalobus.
palustris Linst., 1883a, 299, in water; Turkestan.—1883: Gord.
palustris Man, 1880a, 47, in fresh water; Holland.—1880: Teratoc.
palustris Man, 1880a, 51.—1880: Plectus.
palustris Plançus, 1760, 111 [nv.].—1760: Seta. [1874: Gord.]
palustris crassicauda Daday, 1896, 414.—1896: Teratoc.
panesthia Galeb, 1878b, 295 (13), t. h. *Panesthia*; New Guinea.—1878: Oxyuris.
panesthiæ Linst., 1889a, 106, for *panesthiæ* (Oxyuris).
papilionis Dies., 1851a, 102, t. h. *Papilio* sp.; Mus. Breslau.—1851: Fil. 1851: Gord.
papillosa Scherer, 1813a, 174, for *papillosa* (Fil.).
papillata Bast., 1865c, 170, marine surface mud; Falmouth.—1865: Chromadora.
papillata Bütsch., 1873a, 52, Schlamm; des Mains. etc.—1873: Tripyla.
papillata Mol., 1859h, 25, t. h. *Leuciscus cavedanus*; Padua.—1859: Spiropt.
papillatum Linst., 1903u (1904a), 276 (12), free; Behring Isl.—1903: Leptosomatum.
papillatus Bast., 1865c, 101, between leaves of *Festuca elatior*; Broadmoor, Berks.—1865: Mononchus. 1916: M. (Mononchus).
papillatus Bast., 1865c, 108, on *Festuca elatior*; Broadmoor, Berks.—1865: Dorylaimus.
papillatus Cobb, 1898a (b), 320 (25).—1898: Streptogaster, mt.
papillatus Daday, 1899, 558.—1899: Aphanolaimus.
papillatus Linst., 1882a, 3, t. h. *Otis tarda*; Hameln.—1882: Str.
papillatus Man., 1880a, 4, free; Walcheren Isl.—1880: Deontolaimus, mt.
papillicauda Mol., 1858c, 380, t. h. *Canis brachyuris*; Rio Araquay.—1858: Fil.
papillifer Linst., 1877a, 7, t. h. *Hirundo urbica*.—1877: Trichosoma. 1915: Cap. (Thominx).
papillifera Linst., 1878b, 234, t. h. *Sylvia palustris*; Ing.—1878: Fil. 1891: Disph. 1912: Acuarina (Acuarina).
papillifera Linst., 1898c, 281, t. h. a snake; Bismark Archipel.—1898: Asc.
papilliferus Mol., 1858 (1859e), 299, t. h. *Accipenser sturio*; Padua.—1858: Cucullanus. 1915: Camallanus.
papilliger Man, 1876a (b), 169 (92).—1876: Leptolaimus. mt.

- papilligera* Crep., 1846a, 156, t. h. *Scomber scombrus*; by Otto Schill.—1846: Fil.
1851: Agamonema. 1887: Asc.
- papilligerum* Rail. & Henry in Blome, 1911, 390. *papillosum* Blome, 1909 renamed.—
1909: Trichosoma. 1909: Cap.
- papilloradiata* Linst., 1899b, 14, t. h. *Canis lupus*; Persia.—1899: Physalopt.
- papillosa* Bloch, 1782a, 32, t. h. Trappen; by Bloch.—1782: Asc. 1803: Fus. 1885:
Het.
- papillosa* Mol., 1860b, 929 (21), t. h. *Falco destructor*, *F. gracilis*; Brazil.—1860:
Spiropt. 1904: Oxyspirula. 1910: Thelazia. 1912: Subulura.
- papillosa* Mol., 1860e, 338, t. h. *Corvus cajanus*; Brazil.—1860: Asc. [1883: ? Hete-
racis.]
- papillosa* Rivolta & Del Prato, 1879a, 117, t. h. polli.—1879: Trichina.
- papillosa* Rud., 1802a, 2, t. h. *Equus cab.*—1802: Fil. 1815: Gord. (Fil.). 1832:
Filoria.
- papillosa* Schneid., 1866a, 150, in moist soil and decaying substance; Ing.—1866:
Pelodera. 1880: Rhabditis.
- papillosa ematica* (Galeb & Pourquière, 1877) Giuseppi, 1897a, 185, for *papillosa hæmatica*
(Fil.).
- papillosa hæmatica canis-domestici* Gruby & Delafond, 1852b, 9, t. h. *Canis fam.*; Ing.—
1852: Fil.
- papillosa hæmatica* Schneid., 1866a, 87, t. h. *Canis fam.*; Ing.—1866: Fil.
- papillosa hæmatika* Schneidem., 1896a, 307, for *p. hæmatica* (Fil.).
- papillosa oculi* Owles, 1860a, 56, t. h. *Equus cab.*; Bengal.—1860: Fil.
- papillosa-annulata* Mol., 1858c, 399, t. h. *Falco swainsonii*, Caiçara.—1858: Fil.
- papillosum* Blome, 1909, 354, t. h. *Tetrao urogallus*; Breslau.—1909: Trichosoma.
- papillosum* Fritsch, 1886a, 99, t. h. *Malapterurus electricus*; Egypt.—1866: Tri-
chosoma.
- papillosum* Polonio, 1860b, 23, t. h. *Mus rattus*; Padua.—1860: Calodium. 1878:
Trichosoma. 1915: Cap.
- papillosum* Wedl, 1856b, 129, t. h. sheep; by Wedl.—1856: Trichosoma. 1911:
Strongyloides.
- papillosus* Eberth, 1863a, 26; Nizza.—1863: Oncholaimus.
- papillosus* Muell., 1776, 216.—1776: Lumbricus.
- papillosus* Mol., 1859h, 24, t. h. *Larus ridibundus*; Padua.—1859: Cosmoc. 1898:
Disph.
- papillosus* Perronc., [nv.]; Golgi & Monti, 1885, 56.—1885: Strongilus.
- papillosus* Rud., 1802a, 42, t. h. *Corvus caryocatactes*; by Rud.—1802: Str. 1851:
Eustr. 1861: Hystrichis. 1909: Eustrongylides.
- papillosus* Van Cleave, 1916, 225, t. h. *Myiochanes virens*, Porzana carolina.—1916:
Medior., tsd.
- papillosus* Zed., 1800a, 92, t. h. *Esox lucius*.—1800: Cucullanus.
- papillotruncata* Mol., 1860d, 647, t. h. *Myrmecophaga jubata*, *M. didactyla*; Brazil.—
1860: Physalopt.
- papilosa* Evans, 1881b, 6, for *papillosa* (Fil.).
- pappillosus* Jægers., 1909, 10, for *papillosus* 1802 (Str.).
- papuana* Daday, 1899, 560.—1899: Monhystera.
- papuana* Daday, 1899, 562.—1899: Chromadora.
- papuanus* Daday, 1899, 565.—1899: Ironus.
- papuanus* Daday, 1899, 567.—1899: Prismatolaimus.
- paradisæ* Linst., 1888a (b), 11, t. h. *Paradisæa apoda*; Aru Isl.—1888: Fil.
- paradoxa* Cobbold, 1864b, 79, t. h. *Sus scrofa dom.*; from Germany.—1864: Simondsia,
mt. 1889: Tropicocerca.
- paradoxa* Linst., 1903u, 272, host unknown.—1903: Rictularia. 1904: R. (Gnathost.).
- paradoxa* Linst., 1906, 750, t. h. *Didelphys dorsigera*; Ing.—1906: Het.
- paradoxa* Linst., 1908, 22, t. h. *Varanus albigularis*, S. Africa.—1914: Physalopt.
- paradoxa* Man, 1888a, 45, marine; Walcheren.—1888: Spilophora. 1906: Spiliphæra.
- paradoxa* Mayer, 1835, in cow.—1835: Rhytis, mt.
- paradoxa* Mol., 1858d, 144, t. h. *Mustela putorius*; Padua.—1858: Oxyuris.
- paradoxis* Francis, 1894a, 452, misprint for *paradoxus* 1831 (Str.).
- paradoxum* Mar., 1870a, 12, marine; Endoume.—1870: Calyptonema, mt.
- paradoxus* Daday, 1905, 363, ? lapsus or new name for tylenchiformis (*Hoplolaimus*).
- paradoxus* Dies., 1835a, 94, t. h. *Cathartes urubu*; Brazil.—1835: Tropisurus, mt.
[1835: Tropicidurus, type.] 1851: Tropicocerca, mt. 1914: Tetrameres, type.
1915: Tetrameres (Tetrameres).
- paradoxus* Mehl., 1831a, 84, t. h. *Sus scrofa dom.*—1831: Str. 1861: Metastr., tsd.
- paradoxus* Schlotthauber, 1860a, 128, t. h. *Gadus æglefinus*, *Sterna hirundo*.—1860:
Helmins nematoideus.
- parallela* Linst., 1908, 25, t. h. *Xerus capensis*; Africa.—1908: Oxyuris.

- paranecor* Trav. & Horta, 1915, 389, t. h. *Equus asinus*; S. Paulo.—1915: Acheilost.
paranensis Cam., 1892b, 965; Palmeira, Paraná.—1892: Gord.
parasitica Carter, 1859b, 44, t. h. *Nais albidus*; Isl. of Bombay.—1859: Urolabes.
parasiticus Dies., 1851a, 95, for *parasitus* (Chord.).
parasiticus Linst., 1907, 258, t. h. *Potamochoerus africanus*; Deutsch. Ost Africa.—
1907: Diplogaster.
parasitifera Bast., 1865a, 159, tide pools; Falmouth.—1865: Spira, tsd.
parasilus Crep., 1847b, 161, t. h. *Acanthodis glabrata*; Brazil.—1847: Chord. [1851:
Gord.] 1898: Gord.
pardalis Cam., 1893b, 2, t. h. *Aethiomerus adelphus*; Madagascar.—1893: Gord. 1897:
Chord.
pardalis Westrumb, 1821a, 39, t. h. *Felis pardalis*; Brazil.—1821: Echinor.
pardi Huxley [nv.]; von Ihering, 1902a, 45; t. h. *Felis* [?*pardus*].—1902: Echinor.
pari Rud., 1819a, 77, t. h. *Parus major*; C. E. V.—1819: Echinor.
parietinus Bast., 1865c, 118; Broadmoor Berks.—1865: Plectus, tsd.
parietinus Bast., 1865c, 123, in *Parmelia parietina*; Broadmoor, Berks.—1865:
Aphelenchus.
parile Kowalewski, 1903b (c), 198, t. h. *Bubo maximus*.—1903: Trichosoma. 1915:
Cap. (Thominx).
parisi Blanc, 1913, 1272, t. h. *nandou*; Dijon.—1913: Het.
paronæ Cam., 1903, 2; Kota Bharu.—1903: Gord.
paronæ Cam., 1903, 2; Kota Bharu, Siam.—1903: Chord.
paronai Cond.-Franc., 1898a, 2, t. h. *Gobius avernensis*; Rome.—1898: Echinor.
paronai Stoss., 1897b, 29 (17), t. h. *Buceros nasutus*; Sudan.—1897: Fil. [1909: F.
(Diplotriena).]
paronai Stoss., 1902, 8, t. h. *Amphibolurus muricatus*; Australia.—1902: Str. 1914:
Het. (Strongyluris).
paronai Linst., 1893b, 201, t. h. *Macrosclincus coctei*; Cape Verde.—1893: Oxyuris.
paronai Porta, 1908, 8, t. h. *Mus rajah*; Mentawai.—1908: Gnathost.
parva Polonio, 1859a, 1 [nv.]; 1860, 21; in *Bufo viridis*; Padua.—1859: Fil. 1860:
Fil.
parvomucronata Rizzo, 1902b, 37, t. h. *Coluber viridiformis*; Catania.—1902: Fil.
parvovum Sweet, 1910, 247, t. h. *Gallus dom.*; Queensland.—1910: Oxyspirura.
parvula Frœl., 1802a, 45, t. h. *Ardea cinerea*; prob. by Frœl.—1802: Asc.
parvulus Reinhard, 1881, 590; Odessa.—1881: Echinoderes.
parvum Villot, 1875a, 462; Roscoff.—1875: Phanoderma.
parvumspinosa Rail. & Henry, 1911, 575, t. h. *Rhea americana*; Paris Mus.—1911:
Cap.
parvus Bast., 1865c, 120, in moss; Falmouth.—1865: Plectus.
parvus Bast., 1865c, 156, tide pools; Falmouth.—1865: Tachyhodites. 1880: Mon-
hystera.
parvus Cobb, 1893b, 266 (17), in decaying outside sheaths of banana plants; Fiji.—
1893: Diplogaster.
parvus Fuhrm. in Wolffh., 1900a, 10, t. h. *Cuculus canorus*, etc.—1900: Echinor.
parvus Man, 1880a, 92, in sand; Holland.—1880: Dorylaimus.
parvus Man, 1880a, 23, in sand.—1880: Mononchus. 1916: M. (Mononchus).
passali Leidy, 1852b, 243, t. h. *Passalus cornutus*; by Leidy.—1852: Nematodeum.
passali-cornuti Leidy, 1852b, 241, t. h. *Passalus cornutus*; by Leidy.—1852: Nema-
toideum abdominis.
passali-cornuti Leidy, 1852b, 243, t. h. *Passalus cornutus*; by Leidy.—1852: Nema-
toideum thoracis-cavitatis. [1878: Agamonematodum.]
passali-cornuti Linst., 1878a, 302, in *Passalus cornutus*; Leidy, 1852b, 243.—1878:
Agamonematodum.
pastinacæ Rud., 1819a, 56, t. h. *Raja pastinaca*; C. E. V.—1819: Asc.
pastoris Linst., 1883a, 279, t. h. *Pastor roseus*; Turkestan.—1883: Asc.
patagonica Linst., 1880a, 41, t. h. *Phoca jubata*; Patagonia.—1880: Asc.
patagonicus Man, 1904b, 41, in Dungballen von *Gryptotherium darwini*; from Pata-
gonia.—1904: Plectus (Plectoides, ?type).
patani Shipley, 1903l, 149, t. h. *Dipsadomorphus dendrophilus*; Patan, Lower
Siam.—1903: Echinor.
patens Duj., 1845a, 114, t. h. *Mustela vulg.*, M. erminea; Rennes.—1845: Str.
paucihamatus Leidy, 1891a, 413, t. h. *Micropterus nigricans*; Leidy.—1891: Echinor.
paucipara Sieb., 1848a, 140, t. h. *Testudo græca*; Ing.—1848: Asc.
pauli Mar., 1870a, 15, marine; Pharos.—1870: Amphistenus.
pauli Villot, 1875a, 466; Med.—1875: Symplocost.
parillifer Müell., 1786a, 52, 54.—1786: Vibrio. [1838: Bacillaria paradoxa.]

- pectinata* Rans., 1907k, 3, t. h. *Bos taurus*; Texas.—1907: Cooperia.
pectinatus Dies., 1838a, 189, t. h. *Podocnemys expansa*; Brazil.—1838: *Ancyracanthus*, mt.
pectinatus Marotel, 1911, 183, t. h. *Ovis aries*.—1911: Str.
pectinifer Lint., 1901b, 411, t. h. *Sphyrna zygaena*; Woods Hole.—1901: Spiropt.
pectinifera Neum., 1900a, 513, t. h. *Gallus dom.*; Lyon, France.—1900: Spiropt, [1912: *Streptocara*.] 1916: *Streptocara*.
pectinis-jacobæi Linst., 1878a, 322, t. h. *Pecten jacobæus*; Trieste, teste Wedl.—1878: Agamonematodum. 1894: Agamonema. 1916: Asc.
pedum Deslgch., 1824e, 97, t. h. *Scomber scombrus*; Ing.—1824: Asc.
pedunculatus Hofmæn., 1913, 625, aquatic; Léman.—1913: Plectus.
pelagica Gunnerus, 1770, 174.—1770: Asc.
pelagica Seur., 1916, 785, t. h. *Larus canus*, *Puffinus kuhli*; Alger.—1916: Acuaria.
pelecani Chatin, 1874a, 6, t. h. *Pelecanus onocrotalus*; Mus. Paris.—1874: Sclerost. 1916: Gnathost.
pellio Schneid., 1866a, 150, in earthworm and moist soil and decaying substance; Europe.—1866: Pelodera. 1873: Rhabditis. 1903: Leptodera.
pellioides Büetsch., 1873a, 111; Germany.—1873: Rhabditis.
pellucida Bast., 1865c, 142, tide pools; Falmouth.—1865: Anticoma.
pellucida Brown, 1823a, 107, t. h. *Equus cab.*; India.—1823: Asc. 1894: Fil.
pellucida Cobb, 1898d, 395, in mud; Port Jackson, Australia.—1898: Oxyt.
pellucida Rud., 1819a, 39, t. h. *Upupa epops*; by Treutler.—1819: Asc.
pellucidum Cobb, 1913, 444, roots of sugar cane; W. Indies.—1913: Trischistoma, mt.
pellucidum Jægers., 1893a, 44, t. h. *Tetrodon stellatus*.—1893: Ichthyonema.
pellucidus see *pellucida* (Asc.).
pellucidus Bast., 1865c, 100, in mud; Falmouth.—1865: Trilobus. [See 1876: Tylenchus.]
pellucidus Cobb, 1893a, 821 (44), on roots of sugar-cane; Australia.—1893: Chaolaimus, mt.
pellucidus Cobb, 1913, 443, in brackish and fresh water; Eastern U. S. A.—1913: Haliplectus, mt.
pellucidus Leuck., 1828a, 23 [nv.]; Dies., 1851a, 44, t. h. *Delphinus delphis*.—1828: Echinor. [1906: Bolbor.]
pellucidus Reinhard, 1881, 590; Odessa.—1881: Echinoderes.
pellucidus Savelev, 1912, 115, in Schlamme; Kolafjord.—1912: Enoploides.
pellucidus Southern, 1914a, 11; Clew Bay.—1914: Halaphanolaimus, mt.
peloris-blapoidis Dies., 1851a, 91, t. h. *Pelor blapoides*; Mus. Wien.—1851: Fil. 1851: Gord.
peloris-blapoidis Linst., 1878a, 298, for p.-blapoidis Gord.
peludicola Stefanski, 1916, 364, misprint for paludicola (*Monhystera*).
penardi Stefanski, 1914, 461, free, in Sphagnum; Lac Lussy.—1914: Bunonema.
penardi Steiner, 1914, 270; Switz.—1914: Aphelenchus.
pendula Leidy, 1851b, 240, t. h. *Emys guttata*; by Leidy.—1851: Synplecta, mt. 1863: Symplecta.
penetrans Cobb, 1917, 27, in potatoes, cotton, etc.; U. S. A.—1917: Tylenchus.
penicillatus Cam., 1895a, 10; ?Italy.—1895: Chord.
penihamata Mol., 1860b, 938, t. h. *Strix atricapilla*, etc.; Brazil.—1860: Spiropt.
penita Leidy, 1886e, 312, t. h. *Trachemys scabra*; apparently U. S. A.—1886: Asc.
peposacæ Porta, 1914, 483, t. h. *Melopiana peposaca*; Argentina.—1914: Echinosome.
peracæ Cam., 1894b, 5; S. Pablo, S. A.—1894: Gord. 1897: Chord.
perarmata Linst., 1908, 25, t. h. *Testudo smithi*; Africa.—1908: Oxyuris.
perarmata Linst., 1910, 516, t. h. *Cinixys belliana*; Deutsch-Ostafrika.—1910: Atractis.
perarmata Mar., 1870a, 34, free; Pharo.—1870: Acanthopharynx.
perarmata Ratzel, 1868b, 150, t. h. *Tarsius spectrum*.—1868: Het. 1913: Subulura.
percæ Gmel., 1790a, 3036, t. h. *Perca fluvi.*; Gœze, 1782a.—1790: Asc. 1803: Fus. [1809: *A. truncatula*.]
percæ Gmel., 1790a, 3048, t. h. *Perca fluvi.*; Pall., 1766 & Müell., 1780.—1790: Echinor.
percæ Schrank, 1783a, 15, t. h. Barsch, etc.; by Gœze.—1788: Cucullanus.
percæ Viborg, 1795, 237 [nv.]; Rud., 1819a, 22.—1795: Cucullanus.
percæ-cernuæ Brug., 1791a, 110, t. h. *Perca cernua*; quotes Müell.—1791: Echinor.
percæ-cernuæ Gmel., 1790a, 3051.—1790: Cucullanus lacustris. 1809: Cucullanus.
percæ-cernuæ Viborg, 1795, 243 [nv.].—1795: Echinor.
percæ-cirroscæ Rud., 1819a, 194, 565, t. h. *Perca cirrosa*; Rimini.—1819: Dubium.
percæ-fluviatilis Rud., 1809a, 102.—1809: Cucullanus.
percæ-fluviatilis Viborg, 1795, 244 [nv.]; Lûche, 1905b, 272.—1795: Echinor.
percæ-marine Rud., 1819a, 195.—1819: Dubium.
percæ-norvegicæ Viborg, 1795, 237 [nv.]; Rud., 1809a, 117.—1795: Cucullanus.
perdicis-dentatæ Mol., 1858c, 427, t. h. *Perdix dentata*; Brazil.—1858: Fil.

- pereboomi* "1780" of Goeze, 1782a, 39=Asc. lumbricoides.—1780: Stomachida.
perezi Gendre, 1911, 95 (1), t. h. Chamæleon gracilis; Labé, Fr. Guinée.—1911: Oxy-soma. 1916: Oxy-somatium.
perfectus Cobb, 1891c, 147; Bay of Nap.—1891: Onyx, mt.
perfectus Cobb, 1893b, 292 (43), in soil about roots of banana plants; Fiji.—1893: Dorylaimus.
perforans Centosculdi, 1911, 394, t. h. Gallus dom.; Italy.—1911: Spiropt.
perforans Mol., 1858c, 387, t. h. Mustela martes, etc.—1858: Fil.
perforator Linst., 1908, 4, t. h. Diptychus dybowskii, etc.; Issyk-Kul-See.—1908: Echinor.
pergracilis Cobbold, 1873d, 13, t. h. grouse; Eng.—1873: Str. 1909: Trichostr.
peritonæi hominis (Babès, 1879) Babès, 1880a, 158, for peritonei hominis (Fil.).
peritonei hominis Babès, 1879, 554, t. h. Homo; Budapest.—1879: Fil.
peritonei hominis A., D., & E., 1901b, 12, for p. hominis (Fil.).
perlarum Duj., 1845a, 44, misprint for persarum (Dracunculus).
perlorum Meissner, 1863, 51, misprint for persarum (Dracunculus).
perniciusum Linst., 1885b, 238, t. h. Felis tigris; Zool. Gard. Hamburg.—1885: Ankylostomum. [1885: Ancylostoma.] 1899: Unc.
perpapillatus Jägers., 1909, 3, t. h. Ardea leuce, Herodias egretta; Brazil.—1909: Eustrongylides.
perplexans Cobb, 1913, 438, roots of pasture plants, at Arlington; citrus roots, in Spain.—1913: Archionchus, mt.
perrieri Maupas, 1900a, 518, in terreau; Arba.—1900: Rhabditis.
perrodens Kitt, 1915, 340, in Insektengarten [Felis sondiaca]; Munich Zool. Gard.—1915: Unc.
perronciti Cam., 1886a, 169; Italy.—1886: Gord.
persarum Kämpfer, 1694a, 395, t. h. Homo; Persia; Pre-Linnean; see also Fuchs, 1781a, 1.—1694: Dracunculus. 1896: Drakunkulus.
persegni Bast., 1865c, 124, in wheat-stalks; Broadmoor, Berks.—1865: Cephalobus, tsd.
perspicillum Rud., 1803a, 9, t. h. Meleagris gallopavo; by Rud.—1803: Asc. 1845: Asc. (Ascaridia). 1893: Het. 1912: Ascaridia.
perstans Mans., 1892b, 85, misprint for perstans (Fil.).
perstans Mans., 1892f, 734, t. h. Homo; W. coast of Africa.—1891: Fil. sanguinis hominis. 1902: Fil. sanguinis. 1907: Microfil. 1909: Mikrofil. 1912: Acanthocheilonema.
perstasis Hut. & Mar., 1913, 1136, misprint for perstans (Microfil.).
petromyzi Linst., 1879a, 171, t. h. Petromyzon fluviatilis; Ing.—1879: Asc.
phacochoeri-africani Crep., 1844a, 117, t. h. Phacochoerus africanus; by Otto.—1844: Nematoideum.
phalacrus Greef, 1869a, 118; Lanzarote.—1869: Eubostriechus.
phalangii Rud., 1809a, 78, t. h. Phalangium cornutum; by Latr.—1809: Fil. 1819: Fil. truncatula.]
phalaridis Steinbuch, 1799a, 257, on Phalaris.—1799: Vibrio. [1838: Anguillula.] 1877: Anguillula. 1880: Tylenchus. 1888: Anguillula.
phalloides Pall., 1774, 12; Herbst, 1787a, 31.—1774: Lumbricus. 1787: Lumbricus. 1851: Sipunculus.
phasiani Frøel., 1791a, 110, t. h. Phasianus colchicus; Ing.—1791: Fil.
phasiani Gmel., 1790a, 3034, t. h. Phasianus pictus; Goeze, 1782a.—1790: Asc.
phasiani-galli et picti Rud., 1809a, 129.—1809: Asc. teres minor. [See vesicularis.]
phasiani-picti Mol., 1860b, 981, t. h. Phasianus pictus; M. C. V.—1860: Spiropt. 1897: Fil.
philippinensis Ashburn & Craig, 1906, 435, t. h. Homo; Manila.—1906: Fil. 1909: Microfil. 1909: Fil. (Microfil.). 1916: Mikrofil.
philomela Dies., 1851a, 226, t. h. Silvia philomela, Saxicola stapezina; M. C. V.—1851: Spiropt. 1897: Fil.
philomela Linst., 1879b, 321, t. h. Luscinia philomela; Ing.—1879: Asc.
phlebotomum Linst., 1906, 91, misprint for phlebotomum (Bunost.).
phlebotomus Rail., in Rizzo, 1900c, 781; in ruminants; Rail., 1902b, 108, t. h. Zebu, Bos taurus; Indes anglaises.—1900: Monodontus. 1902: Bunost. 1917: Bustomum, tod.
phlei Horn, 1888a, 139, on Phleum bœhmeri; Europe.—1888: Tylenchus.
phoca Goeze, 1782a, 39, t. h. Phoca vitulina, see also phocarum.—1782: Asc.
phocæ Fabr., 1780a, 272, t. h. Phoca grœnlandica, P. fœtida; Greenland.—1780: Asc. 1790: Echinor. 1791: Proboscidea. [1801: Ophiost.] 1803: Ophiost. [1809: ♀ Ophiost. dispar.] 1816: Fissula.
phocæ Joly, 1853a, 166, t. h. Phoca vitulina; by Joly.—1858: Fil. cordis.
phocæ Zed., 1803a, 114, t. h. Phoca vitulina.—1803: Fus.
phocæ-grœnlandicæ Rud., 1809a, 121, for phocarum (Asc.).

- phocæ-vitulina* Viborg, 1795, 243 [nv.]; Lühe, 1895b, 272; t. h. *Phoca vitulina*.—1795: Echinor.
- phocæ-vitulina* Viborg, 1795a, 243 [nv.]; Rud., 1809a, 294; t. h. *Phoca vitulina*.—1795: Echinor.
- phocarum* Goeze, 1782a, 73, t. h. *Phoca vitulina*; from Cassel; Ing.—1782: Asc.
- phœnicopteri* A., D., & E., 1901b, 40, t. h. African flamingo; Nigeria.—1901: Fil.
- phœnicopteri* Seur., 1916, 439, t. h. *Phœnicopterus roseus*; Algeria.—1916: *Acuaria* (Hamannia). 1916: Echinuria.
- phœnix* Schneid., 1903b, 4, t. h. *Coregonus lavaretus*, etc.; Gulf of Finland.—1903: Echinor.
- phoxini* Linst., 1887d, 106, t. h. *Phoxinus lævis*; Ing.—1887: Asc.
- phryganæ* Gmel., 1790a, 3041, t. h. *Phryganæum* larvæ; by Degeer.—1790: Fil.
- phryganæ-griseæ* Dies., 1851a, 98, t. h. *Phryganea grisea*; by Rossi.—1851: Fil. 1851: Gord.
- phycidis* Rud., 1819a, [57], 300, for *phycis* (Asc.).
- phycis* Rud., 1819a, 57, t. h. *Blennius phycis*; Rimini.—1819: Asc.
- phyllostomæ* Cartaya, 1910, 503, t. h. *Artibeus perspicillatus*; Habana.—1910: Fil. [Microfil.]
- phyllostomatis* M. C. V. in Mol., 1861a, 533 (109), t. h. *Phyllost. discolor*; Brazil.—1861: Str.
- phyllostomatos* M. C. V. in Mol., 1858c, 385, t. h. *Phyllost. brevicaudum*, etc.; Brazil.—1858: Fil.
- physalura* Brems. in Dies., 1851a, 276, t. h. *Alcedo amazona*, etc.; Brazil.—1851: Fil. 1861: *Monopetalonema*.
- physalura* Duj., 1845a, 94, t. h. *Falco com.*, etc.; Toulouse.—1845: Spiropt.
- physocoracis* Porta, 1913, 167, t. h. *Physocorax moneduloides*; New Caledonia.—1913: Echinor.
- pica* Rud., 1819a, 54, t. h. *Corvus pica*; Greifsw.—1819: Asc.
- pica* Rud., 1819a, 76, t. h. *Corvus pica*; C. E. V.—1819: Echinor.
- pica-mediæ* Cobbold, 1880k, 131, t. h. *Pica media*; China.—1880: Fil.
- pici* Gmel., 1790a, 3045, s. *cyllindraceus*, in *Picus erythrocl.* *P. viridis*; Goeze, 1782a.—1790: Echinor.
- pici-collaris* Leidy, 1904a, 91, for *pici-collaris* (Echinor.).
- pici-collaris* Leidy, 1850b, 98, t. h. *Picus collaris*; Ing.—1850: Echinor.
- picatorum* Rud., 1819a, 15, t. h. *Picus canus*, etc.; C. E. V.—1819: *Trichosoma*. 1915: Cap.
- pictus* Crep., 1849a, 64 *Syngamus trachealis* Sieb. renamed.—1849: Str.
- pimentalis* Concilium Bibliog. card for *pimentata* (Spiropt.).
- pimentata* Linst., 1897c, 608, t. h. *Cercopithecus albigularis*; Ing.—1897: Spiropt.
- pimentata* Linst., 1897i, 28, t. h. *Arctomys marmota*; Koenigsb.—1897: Asc.
- pimentatus* Fuhrm. in Wolfh., 1900a, 10, t. h. *Corvus corone*.—1900: Echinor. (Nomen nudum except for host.)
- pimentatus* Linst., 1904f, 8, t. h. *Lepus nigricollis*; Ranna, S. Province. Colombo Mus.—1904: Str. 1916: *Trichostr.*
- pimentatus* Marval, 1902a, 419, t. h. *Corvus corone*.—1902: Echinor.
- pimentosus* Bast., 1865c, 149, tidepools; Falmouth.—1865: Enoplus.
- pileatum* Rail., Henry, & Bauche, 1914, 208, t. h. elephant; Hué.—1914: *Cylicost.* 1915: *Amira*.
- pillulifer* Linst., 1877a, 1, in an aquarium; by Linst.—1877: *Tylenchus*.
- pilosa* Cobb, 1914, 8, Bay; Cape Royds.—1914: *Monhystrera*.
- pilosus* Mœbius, 1855a, 428, t. h. *Blabera gigantea*; Angustura.—1855: Chord. 1874: Gord.
- pinguicola* Verrill, 1870, 179, t. h. *Sus scrofa dom.*; Conn., U. S. A.—1870: *Sclerost.* 1894: Str. [1839: *Stephanurus*, type.]
- pinguicola* Schneidm., 1896a, 319, for *pinguicola*.—1896: *Sclerost.* 1896: *Sklerost.*
- pinnatifidus* Dies., 1839a, 227, s. *pectinatus*, t. h. *Podocnemis expansa*; Borba.—1839: *Ancyracanthus* mt.
- pioloti* Cam., 1903, (437), 3, for *piolotii* (Gord.).
- piolotii* Cam., 1886a, 171; Italy.—1886: Gord.
- pipæ-dorsigeræ* Crep., 1844a, 122, t. h. *Rana pipa*; by Otto.—1844: *Nematoideum*.
- pipæ-caudatæ* M. C. V. in Mol., 1858c, 424, t. h. *Pipra caudata*; Brazil.—1858: Fil.
- pipæ-caudatæ (abdominalis)* Mol., 1858c, 424, t. h. *Pipra caudata*; Brazil.—1858: Fil.
- pipæ-inornatæ* M. C. V. in Mol., 1858c, 400, t. h. *Pipra inornata*; Borba.—1858: Fil.
- pyriformis* Marval, 1904, 579, for *pyriformis* (Echinor.).
- piscicola* Linst., 1878b, 239, t. h. *Blicca bjoerkna*, etc.; Ing.—1878: Asc.
- piscicola* Linst., 1906, 171, t. h. marine fish (?*Lethrinus* sp.); Ceylon.—1906: Fil.
- piscicola* Linst., 1907, 256, t. h. *Distichodus* sp.; Kamerun.—1907: *Nematoxys*.
- piscinalis* Linst., 1904o, 490, in water; near Saratow.—1904: *Mermis*.

- piscinus* Zed., 1800a, 132, t. h. alle hielændische Karpfenarten. etc.; by Zed.—1800 Echinor.
- piscium* Brug., 1791a, 89, sub cute et in intestinis piscium.—1791: Gord. [?1815: Gord. (Fil.).]
- piscium* Pall., 1781a, 90.—1781: Asc.
- piscium* Rud., 1809a, 62, s. Asc. marina, t. h. marine fishes; Europe.—1809: Fil. [? 1815: Gord. (Fil.).] 1862: Agamonena.
- pistillaris* Mol., 1858c, 381, t. h. *Sciurus igniventris*; Brazil.—1858: Fil.
- pistillaris* Mol., 1860b, 955, t. h. *Strix magellanica*; Brazil.—1860: Spiropt.
- placei* Place, 1893, 589, t. h. *Bos taurus*.—1893: Str.
- plagicephalus* Westrumb, 1821a, 17, t. h. *Acipenser huso*, A. ruthenus; Wien.—1821: Echinor.
- plagiostoma* Wedl, 1861b, 464, t. h. *Erinaceus auritus*; Egypt.—1861: Pterygodermites, mt. 1873: Rictularia.
- plagiostomorum* Linst., 1905bb, 183, t. h. *Selache maxima*, *Raja radiata*; Ceylon.—1905: Asc.
- plataleæ-ajazæ* M. C. V. in Mol., 1860b, 964.—1860: Spiropt. [1860: S. quadri-papillosa.]
- plataleæ-ajazæ* M. C. V. in Mol., 1860c, 497.—1860: Spiropt. [1860: so. Disph. magni-labiatus.]
- platessæ* Ben., 1871a, 76, t. h. *Platessa vulg.*; Belgium.—1871: Asc.
- platessæ* Ben., 1871a, 76, t. h. *Platessa vulg.*; Belgium.—1871: Dacnitis.
- platessæ* Rud., 1809a, 116, t. h. *Pleuronectes platessa*; by Treviranus.—1809: Cuculanus.
- platessæ* Rud., 1809a, 310, t. h. *Pleuronectes platessa*; Müell.—1809: Echinor.
- platessoida* Bosc, 1802a, 9, for *platessoidæ* (Echinor.).
- platessoidæ* Bennet & Olivier, 1826a, 35, t. h. *Pleuronecta platessa*.—1826: Echinor.
- platessoidæ* Gmel., 1790a, 3048, t. h. *Pleuronectes platessoides*; Greenland.—1790: Echinor.
- platessoidis* Porta, 1905a, 196, for *platessoidæ* (Echinor.).
- platycephalus* Montg., 1898a, 29; Guatemala and S. Montana.—1898: Gord.
- platypteris-falculæ* Dies., 1851a, 105, t. h. *Platypteryx falcula*; by Deg.—1851: Fil. 1851: Gord.
- platyrhaci* Par., 1896b (c), 110 (3), t. h. *Platyrrhacus modiglianii*; Sumatra.—1896: Oxyuris.
- platyura* Baird, 1853a, 36; Jamaica.—1853: Gord.
- pleskei* Cam., 1896d, 118; China.—1896: Gord. 1897: Parachord.
- pleuronectes* Bosc, 1802a, 9, for *pleuronectis* (Echinor.).
- pleuronectis* Gmel., 1790a, 3047, t. h. *Pleuronectes maximus*, *Rhombus maximus*; quotes Müell.—1790: Echinor.
- pleuronectis* Müell., 1776a, 214, t. h. *Pleuronectes platessoides*.—1776: Asc. 1791: Proboscidea. [1809: Echinor. *pleuronectis-platessoidæ*.]
- pleuronectis-boscii* Rud., 1819a, 194, t. h. *Pleuronectes boscii*.—1819: Dubium.
- pleuronectis-maximi* Rud., 1809a, 310, for *pleuronectis* (Echinor.).
- pleuronectis-platessa* Viborg, 1795, 243 [nv.]; Lühe, 1905b, 275; t. h. *Pleuronectes platessa*.—1795: Echinor.
- pleuronectis-platessoidæ* Rud., 1809a, 310, t. h. *Pleuronectes platessoides*; by Fabr.—1809: Echinor.
- pleuronectis-platessoides* Dies., 1851a, 57, t. h. *Pleuronectes platessoides*; by Muell.—1851: Echinor.
- pleuronectis-platessoidis* Linst., 1878a, 245, for pl.-*platessoidæ* (Echinor.).
- plica* Rud., 1819a, 14, t. h. *Canis lupus*; Berl.—1819: Trichsoma. 1845: Calodium. 1915: Cap.
- plicata* Rud., 1809a, 67, attenuata Zed. renamed, "in Erucis."—1809: Fil. 1815: Gord. (Fil.).
- plicata* Schneid., [nv.]; Fuchs, 1915, 200.—1915: Rhabditis.
- plicatus* Linst., 1883a, 304, t. h. *Emberiza caniceps*, etc.; Turkestan.—1883: Echinor.
- plimmeri* Hall, 1916a, 188, t. h. *Nyctomys* sp.; Lond.—1916: Microfil.
- plocei* Pittaluga, 1912, 77 [nv.]; 1913, 156; t. h. *Homo*; Spanish Guinea.—1912: Microfil.
- ploti* M. C. V. in Mol., 1858c, 391, t. h. *Plotus anHINGA*; Brazil.—1858: Fil. [1858: Fil. *helicina*.]
- ploti-surinamensis* M. C. V. in Mol., 1858c, 428, t. h. *Podoa surinamensis*; Matogrosso.—1858: Fil. [1858: Fil. *subcutanea*.]
- plotina* Baylis, 1919, 459, t. h. *Plotus rufus*; Uganda.—1919: Subulura.
- pluplura* Leidy in Stiles & Hass., 1894e, 347, t. h. ?*Ceryle alcyon*; by Warren.—1894: Fil.
- pluridentata* Aless., 1905, 34, t. h. *Oncoides (Felis) mitis*; Brazil.—1905: Unc. 1909: Ankylostoma. 1911: Agchylostoma. 1916: Ancylostoma.

- potulatum* Looss, 1900c, 184, t. h. *Equus* cab.; Egypt.—1900: Cyathost. 1901: Cylichnost. 1911: Cylicost.
- poculum* Trav., 1913, 298, for *poculum* (Subulura).
- poculum* Linst., 1904f, 11, t. h. *Equus* cab.; Iranativu.—1904: Oxyuris.
- poculum* Linst., 1909, 449, t. h. *Francolinus* adpersus; German S. W. Africa.—1909: Het. 1914: Subulura.
- podinæ-scriptæ* Mol., 1858c, 430, t. h. *Podinema* scripta; Brazil.—1858: Fil.
- podæ (subcutanea)* Mol., 1858c, 428, t. h. *Podoa* surinamensis; Brazil.—1858: Fil.
- pæcili-cuprei* Dies., 1851a, 90, t. h. *Pæcilus cupreus*; Lond.—1851: Fil. 1851: Gord.
- pæcilosoma* Man, 1893a, 96, marine; Zealand.—1893: Chromadora.
- pœli* Vryburg, 1897, 43 [nv.], t. h. *buffles indiens*; Karbomoen.—1897: Fil. 1912: Elæophora, tod.
- pœli* Linst., 1906, 7, for *pœli* (Fil.).
- pœlsi* Hut. & Mar., 1905a, 860 for *pœli* (Fil.).
- potare* Cobb, 1914, 8, Bay; Cape Royds.—1914: Thoracost.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Axonolaimus.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Monhystera.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Chromadora.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Terschellingia.
- polaris* Looss, 1911, 213, t. h. *Vulpes lagopus*; N. America.—1911: Unc.
- polichotoma* Scortegagna, 1848a, 247, t. h. *Homo*; Mus. Civico, Milan.—1848: Fil.
- politus* Daday, 1905, 326.—1905: Cylindrolaimus.
- pollicaris* Linn., [nv.], cf. 1758a, 648; Rud., 1809a, 154.—1809: Asc.
- pollicaris* Pall., 1761a, 72.—1761: Asc. vermicularis.
- polloneræ* Cam., 1912, 215.—1912: Chord.
- polonicus* Stefanski, 1915, 348, free; Czarna River, Pologne.—1915: Mononchus. 1917: M. (Mylonchulus).
- polyacanthoides* Crep., 1825a, 24, t. h. *Falco milvus*; by Barkow.—1825: Echinor.
- polyacanthus* Crep., 1825a, 22, t. h. *Falco fusco-ater*; by Schill.—1825: Echinor.
- polyblastus* Bast., 1865c, 108, in moss; Falmouth.—1865: Dorylaimus.
- polycephalus* Stiebel, 1817a, 174, in *Homo*.—1817: Dyacanthos, mt.
- polychaeta* Steiner, 1915, 224, marine; Sumatra.—1915: Monhystera.
- polydesmus* Southern, 1914a, 64; Clew Bay.—1914: Desmoscolex.
- polygyrus* Duj., 1845a, 116, t. h. *Arvicola arvalis*. Mus sylvaticus; probably Rennes.—1845: Str. 1861: Metastr. 1909: Heligmosomum. 1916: Viannaia.
- polymorphus* Brems. in Rud., 1819a, 672, cf. *filicollis versicolor*.—1819: Echinor.
- polyodontis* Dies., 1861a, 610, t. h. *Polyodontis* sp.; Wien, teste Frauent.—1861: Mermis.
- polyoon* Linst., 1909, 450, t. h. *Xerus setosus*; German S. W. Africa.—1909: Oxyuris.
- pomatostomi* Johnst. & Cleland, 1912, 111, t. h. *Pomatostomus rubeculus*, etc.; Australia.—1911: Echinor.
- ponteri* Hémont, 1827a, 12, for *pontieri* (Ophiost.).
- pontieri* Cloq., 1822b, 32, t. h. *Homo*; by Cloq.—1822: Ophiost.
- ponticus* Reinhard, 1881, 589; Odessa.—1881: Echinoderes.
- pontieri* Chiaje, 1825a, 35, for *ponteri*, t. h. *Homo*; Cloq. —1825: Ophyst. 1827: Ophiost. 1833: Ophyst.
- porcipara* Stiles & Hass., 1894e, 341, misprint for *paucipara* (Asc.).
- porrigens* Rud., 1814a, 98, t. h. *Balæna rostrata*; Berl. Mus.—1814: Echinor. [1906: Bolbor.] 1908: Bolbosoma.
- posthelica* Mol., 1860b, 926, t. h. *Tinamus tao*; Brazil.—1860: Spiropt. 1861: Cheilospirura.
- pouteri* Cloq., 1822a, 97, t. h. *Homo*; Uzerches.—1822: Ophiost.
- powelli* Penel, 1905a, 10, for *powelli* (Fil.).
- poweli* Brumpt, 1913, 525, for *powelli* (Fil.).
- powelli*, Penel, 1905a, 123, t. h. *Homo*; Bombay, India.—1905: Fil. 1910: Microfil. 1916: Mikrofil.
- præcinctus* Duj., 1845a, 282, t. h. *Muræna conger*; Rennes.—1845: Stelmus, mt. 1887: Het. 1892: Dacnitis.
- prædatrix* Man, 1907, 237, free; Ierseke.—1907: Sabatieria.
- prælonga* Duj., 1845a, 201, t. h. *Colymbus auritus*; Mus. Wien.—1845: Asc.
- præmatura* Linst., 1897i, 32, t. h. *Stenobothrus* sp.; Madagascar.—1897: Mermis.
- præputialis* Linst., 1889c, 238, t. h. *Felis catus*; Brazil.—1889: Physalopt.
- præputialis* Skrj., 1916, 64, t. h. *Bufo*; Brit. E. Africa.—1916: Oxyuris.
- prætextus* Mol., 1858d, 142, t. h. *Triton lobatus*; Padua.—1858: Echinor.
- pratensis* Cobb, 1893a, 823 (46), about roots of sugar cane; N. S. Wales.—1893: Monhystera.
- pratensis* Man, 1880a, 22, in moist soil; Holland.—1880: Ethmolaimus.
- pratensis* Man, 1880a, 84, in sand; Walcheren.—1880: Dorylaimus.

- pratensis* Man, 1880a, 71, in moist or sandy soil; Holland.—1880: Tylenchus.
preslii Vejd., 1886, 371; Prag.—1886: Gord.
primina Leidy, 1891a, 410, t. h. Simia satyrus; Phil. Zool. Park.—1891: Fil.
primitivus Man, 1880a, 2, free; Holland.—1880: Alaimus, tsd.
primitivus Man, 1884a, 9.—1884: Dorylaimus.
primitivus Mol., 1861a (b), 565 (141), s. trachealis, etc., t. h. Phasianus gallus, etc.; Europe, N. America.—1861: Syngamus. 1910: Str.
prinzi Mar., 1870a, 33; Mallamouque.—1870: Necticonema, mt.
prionodora Stoss., 1902e, 5, t. h. Lampris luna; Viareggio.—1902: Asc.
prismaticus Villot, 1874a, 58; Nouvelle-Grenada, Bogota; Coll. Lindig.—1874: Gord. 1897: Parachord.
pristina Menge, 1866, 7, in Bernstein.—1866: Anguillula.
pristis Rud., 1802a, 64, t. h. Esox belone [; Greifsw.].—1802: Echinor. [1907: Echinoma.] 1911: Rhaditris, mt.
pristis tenuicornis Lint., 1891a, 531, t. h. Lobotes surinamensis, Tylosurus caribbaeus; New Eng.—1891: Echinor.
pristonychi-terricolæ Dies., 1851a, 89, t. h. Pristonychus terricola; Europe.—1851: Fil. 1851: Gord.
probolurus Rail., 1896o, 540, t. h. Camelus dromedarius; France.—1896: Str. 1905: Trichostr.
producta Schneid., 1866a, 158, in moist soil and decaying substance; Ing.—1866: Leptodera. 1880: Rhabditis.
procellariæ Dies., 1851a, 194, t. h. Procellaria anglorum; Ireland.—1851: Asc.
procellariæ Dies., 1851a, 223, t. h. Procellaria anglorum; Ireland.—1851: Spiropt.
procellariæ-anglorum Dies., 1851a, 223, t. h. Procellaria anglorum; Ireland.—1851: Spiropt. [1851: S. procellariæ.]
profundi Bast., 1865c, 159, in mud; Falmouth.—1865: Comesoma.
profundis Cobb, 1904, 367, aquatic; New Zealand.—1904: Dorylaimus.
profundissima Linst., 1888a, 11, free; Challenger Expedition.—1888: Prothelmins, mt.
profundus Schep., 1907a, 143; Bergen.—1907: Desmoscolex.
proles Rud., 1808a, 325.—1808: Str. armatus.
prolifer Ehrenb., 1831b, 67; Berl.—1831: Vibrio.
proni Seur., 1915, 320, t. h. Herpestes ichneumon; Bordj-Meniel.—1915: Rictularia.
propinqua Daday, 1905, 52, in fresh water; Paraguay.—1905: Monhystera.
propinquus Cobb, 1915, 30; Douglas Lake, Mich.—1915: Actinolaimus.
propinquus Duj., 1845a, 533, t. h. Gobius aphyia, etc.; Europe.—1845: Echinor. 1911: Acanthoc.
protei-anguini Rud., 1819a, 189, 559, 779, t. h. Proteus anguinus; Rimini.—1819: Dubium. 1851: Nematodeum.
proteus Pall., 1766, 94; Müll., 1773a, 45, in aqua.—1773: Vibrio. [1776: Brachionus.]
proteus Westrumb, 1821a, 37, t. h. Acipenser huso, etc.—1821: Echinor.
prothus Kaiser, 1893b, 40, misprint for proteus (Echinor.).
protognostus Criv., 1843a, 326 [nv.], in terra argillosa; Lombardia.—1843: Autoplectus, mt.
protractum Duj., 1845a, 20, t. h. Vanellus cristatus; Mus. Wien.—1845: Trichosoma. 1915: Cap.
proximus Büetsch., 1874b, 285; Kieler Bucht.—1874: Cyatholaimus.
psamophilus Man, 1880a, 29, in sand; Holland.—1880: Choanolaimus, mt.
pseudaluis Dengler, 1863a, 10, so. spiralis.—1863: Trichina.
pseudobulbosa Daday, 1896, 411.—1896: Monhystera.
pseudoelongata Micol., 1913, 11, am Flachstrand d. Faistenauer Hintersees, Ostalpen.—1913: Rhabditis.
pseudophysalura Stoss., 1902e, 12, t. h. Buceros nasatus; Eritrea.—1902: Fil.
pseudorobustus Steiner, 1914, 270, in Erde unter einem Moospolster; Switz.—1914: Tylenchus.
pseudosegmentatus Knüepffer, 1888a, 10, t. h. Sperophilus citillus; a. d. Taurischen Gourv.—1888: Echinor.
psittaci M. C. V. in Mol., 1858c, 372, t. h. Psittacus makaonanna; Egenho do Cap Gama.—1858: Fil. [1858: F. simplicissima.]
psittaci M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]
psittaci M. C. V. in Mol., 1860b, 947.—1860: Spiropt. [1860: S. tercostata.]
psittaci-æstivi M. C. V. in Mol., 1860b, 927.—1860: Spiropt. [1860: S. quadricostata.]
psittaci-æstivi M. C. V. in Mol., 1860b, 947.—1860: Spiropt. [1860: S. tercostata.]
psittaci-ararauna M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]
psittaci-hyacanthini M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]
psittaci-macaonis M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]

- psittaci-menstrui* M. C. V. in Mol., 1858c, 377, t. h. *Psittacus menstruus*; Matogrosso.—1858: Fil.
- psophiæ* Trav., 1913, 278, t. h. *Psophia viridis*; Brazil.—1913: Het. 1917: Gangul-eterakis.
- pterophora* Crep., 1853 (1854a), 60, t. h. *Dicholophus cristatus*; Brazil.—1853: Asc. 1914: Ascaridia.
- pterosichi* Linst., 1892a, 325, t. h. *Pterostichus niger*; Ing.—1892: Asc.
- pterosichi-madidi* Dies., 1851a, 90, t. h. *Feronia madida*; Eng.—1851: Fil. [1851: Gord. *feroniæ-madidæ*.]
- pterosichi-nigritæ* Dies., 1851a, 91, t. h. *Feronia nigrita*; by Sieb.—1851: Fil. [1851: Gord. *feroniæ-nigritæ*.]
- ptilophoræ-plumigeræ* Dies., 1861a, 610, t. h. *Ptilophora plumigera*; Wien.—1861: Mermis.
- ptyelæ-spumariæ* Dies., 1851a, 100, t. h. *Aphrophora* (*Ptyela*) *spumaria*; by Roesel.—1851: Fil. [1851: Gord. *aphrophoræ-spumariæ*.]
- pubis* Dolley, 1894a, 1006, apparently lapsus for *trichina* 1863.—1894: *Pseudalius*.
- pudica* Seur., 1914, 724, t. h. *Cerastes vipera*, etc.; Africa.—1914: *Thubunæa*, mt.
- puerilis* Montg., 1898a, 48, t. h. cockroach; Coll. Leidy.—1898: Chord.
- pugio* Ehrenb. in Hempr. & Ehrenb., 1828a, *Hyrax* unpag., t. h. *Hyrax capensis*; by H. & E.—1828: *Oxyuris*.
- pugionatus* Schlotthauber, 1860a, 127, t. h. *Corvus pica*, *Sturnus vulg.*; by Schlotth.—1860: *Syngamus*.
- pugnicaudatum* Leiper, 1910, 23, t. h. *Phacochoerus æliani massaicus*; Kilimandjaro.—1909: *Cylichnost*.
- pulchella* Mol., 1860b, 985, t. h. *Rallus cayennensis*; Brazil.—1860: *Spiropt*.
- pulcher* Schneid., 1906c, 7; Gulf of Finland.—1906: *Aphanolaimus*.
- pulchrum* Mol., 1857a, 217, t. h. *Sus scrofa fera*; M. C. V.—1857: *Gongylonema*.
- pulicis* Linst., 1894b, 340, t. h. *Gammarus pulex*; by Linst.—1894: Fil. 1909: *Spiropt*.
- pullus* Dies., 1851a, 223, based on Brems., 1819a, 226, s. *Spiropt. hominis*.—1851: Str. *gigas*.
- pulmonale* Dies., 1851a, 333, t. h. *Capra aries*; by Sandie & Padley.—1851: *Nematoideum ovis*. 1883: *Pseudalius ovis*. 1886: *Pseudulius ovis*. 1890: Str. (*Pseudalius*) *ovis*.
- pulmonale* Dies., 1851a, 337, t. h. *Tropidonotus natricis*; Greifsw.—1851: *Nematoideum natricis*. 1861: *Nematodum natricis*.
- pulmonalis* Cobbold [nv.]; Rail., 1916, 519.—1916: *Pseudalius*.
- pulmonalis* Crep., 1846b, 159.—1846: Fil. *must[ellæ]-putorii*.
- pulmonalis* Dies., 1851a, 281.—1851: Str. *inflexus*.
- pulmonalis* Fræl., 1802a, 18, t. h. *Lepus* sp.; by Fræl.—1802: Fil. 1819: Fil. *leporis*. 1851: *Trichosoma leporis*. 1916: Cap. 1916: *Synthetocaulus*.
- pulmonalis* Gmel., 1790a, 3035, t. h. *Bufo* & *rubetra*; Goeze, 1782a.—1790: Asc. [1801: Lior.] [Same as *A. bufonis* Schrank.]
- pulmonalis* Linst., 1896c, 17, see *canis bronchialis*.—1896: Str. *canis*.
- (*pulmonalis*) Mol., 1858c, 421, t. h. *Felis mellivora*; Ypanema, Brazil.—1858: Fil. *felis-mellivoræ*.
- pulmonalis* Rud., 1819a, 8, t. h. *Mustela foina*, etc. [; Europe].—1819: Fil. *mustelarum*. [1858: *Filaroides*.]
- pulmonalis* Rud., 1819a, 8, t. h. *Lanius collurio*.—1819: Fil. *collurionis*.
- pulmonalis* Ward, 1895a, 335, t. h. misprint for *pulmonaris* (Str.).
- pulmonalis apri* (Gmel., 1790) Rud., 1809a, 246, t. h. *Sus scrofa dom.*—1809: Gord. [1809: Str. *suis*.]
- pulmonalis apri* Jelkmann, 1895a, 1, t. h. *Schwein*; quotes Ebel.—1895: Str.
- pulmonaris* Erc., 1859a, 317, t. h. *Bos taurus*; by Erc.—1859: Str. 1912: *Metastr.*
- pulmonaris* Gilruth, 1903c, 313, for *pulmonalis* Dies., 1851.—1903: Str. *ovis*.
- pumilio* Rud., 1819a, 66, t. h. *Lophius piscatorius*; Mus. Wien.—1819: *Echinor*.
- pumiliostris* Van Cleave, 1916, 169, t. h. *Botaurus lentiginosus*; D. C.—1916: *Arhythmor*.
- punctata* [and *punctatus*] Cobb, 1914, 73 (39), about roots of aquatic plants; Potomac River, Wash., D. C.—1914: *Rhabditis*.
- punctata* Eberth, 1863a, 20, under sea plants; Villafranca.—1863: *Phanoglene*. 1865: *Leptosomatum*.
- punctata* Linst., 1900a, 127; Baren-Insel.—1900: *Spilophora*.
- punctatus* Bast., 1865c, 164, marine surface mud; Falmouth.—1865: *Cyatholaimus*.
- punctatus* Cobb, 1914, 73 (39), fresh water ponds; Cape Breton Isl., Canada.—1914: *Oncholaimus*.
- punctatus* Cobb, 1917n, 438, *papillatus* Bast. of Brakenhoff, aquatic and about roots of *Alopecurus denticulatus*; Germany.—1917: *Mononchus* (*Prionchulus*).

- punctatus* Linst., in Schnyder, 1907d, 708, t. h. *Bos taurus*; Switz.—1907: Str. 1907: Cooperia.
- puncticulatus* Cam., 1895a, 11; Sumatra.—1895: Chord.
- puncticulatus* Shipley, 1903l, 153, for *puncticulatus* (Chord.).
- pungens* Schneid., 1866a, 93, t. h. *Turdus cyaneus*; Argo.—1866: Fil. [1909: F. (Diplotriæna).]
- pupa* Linst., 1905dd, 3, t. h. *Erionetta spectabilis*; Zarjahofen.—1905: Echinor.
- pupillosa* Nordm., 1833b, 268, for *papillosa* (Fil.).
- purpurea* Cobb, 1894c, 417; S. Australia.—1894: Chromagaster, tsd.
- purpureæ* Marval, 1905a, 323, apparently for *ardea-purpureæ* (Echinor.).
- purpureus* Crep., 1849a, 69, t. h. *Larus fuscus seu flavipes*; by Jæckel.—1849: Str.
- purpureus* Schneid., 1866a, 326; Helgoland.—1866: Rhampogord. 1868: Polygord.
- pusila* (Trav., 1914) Trav., 1915, 153, for *pusilla* [Cap. (Cap.)].
- pusilla* Linst., 1906, 167, t. h. *Gallus lafayetti*; Mamadu, Northern Prov.—1906: Het.
- pusilla* Linst., 1906, 248, t. h. insects; Nyassa-See, Langenburg, D. Ost-Africa.—1906: Pseudomermis.
- pusilla* Rud., 1802a, 29, t. h. *Erinaceus europæus*; by Rud.—1802: Asc. 1803: Fus. 1809: Asc.
- pusilla* Trav., 1914, 329, t. h. *Didelphis aurita*; Rio de Jan.—1914: Viannaia.
- pusilla* Trav., 1914, 429; 1915, 161, t. h. *Sturnira lilium*.—1914: Cap. 1915: Cap. (Cap.).
- pusilla* Trav., 1915, 297(3), t. h. *Turdus ruiventris*, *Platycichla flavipes*; Angra dos Reis, Estado do Rio.—1915: Tetrameres (Microtetrameres).
- pusilla* Chiaje, 1823–1829, 177, 196, in fundo limoso; Nap.—1829: Gord. 1850: Tubulanus. [1910: Tubifex tubifex.]
- pusillus* Cobb, 1893a, 810(33), about roots of sugar-cane; Australia.—1893: Dorylaimus.
- pusillus* Cobb, 1893a, 826, about roots of moss; N. S. W.—1893: Plectus.
- pusillus* Daday, 1905, 69, in fresh water; Paraguay.—1905: Dorylaimus.
- pusillus* Müell., 1890c, 63, t. h. *Felis catus dom.*; Munich.—1890: Str. 1912: Metastr.
- pusillus* Rud., 1803a, 19, t. h. *Lacerta agilis*; by Rud.—1803: Str.
- pusillus* Rud., 1819a, 809, for *porrigens* (Echinor.).
- putulosus* Baird, 1853a, 37, t. h. *Blaps obtusa*; Lond.—1853: Gord. 1897: Parachord.
- putaustralis* Lane, 1914, 656, t. h. dom. fowl; Berhampore, Bengal.—1914: Het.
- putorii* (abdominalis) Mol., 1858 (1859e), 296, t. h. *Mustela putorius*; Padua.—1858: Echinor.
- putorii* Rud., 1819a, 14, t. h. *Mustela putorius*; C. E. V.—1819: Trichosoma. 1915: Cap.
- putrefaciens* Kuehn, 1879, [nv.].—1879: Tylenchus. 1895: Anguillulina.
- pygmaeus* Steiner, 1914, 217, in moss; Switz.—1914: Dorylaimus.
- pyramidalis* Linst., 1879b, 329, t. h. *Choleopus didactylus*; Surinam.—1879: Physalopt.
- pyri* Cobbold, 1865n, 117, in a pear.—1865: Anguillula. 1865: Aphelenchus.
- pyriformis* Brems. in Rud., 1819a, 74, t. h. *Turdus merula*; Wien.—1819: Echinor.
- pythonis* Cat. RCSL, 1830, 43, t. h. *Python*.—1830: Asc.
- pythonis* Dies., 1851a, 161, quotes Retzius, 1830a, 102, t. h. *Python bivittatus*; Bengal.—1851: Asc. [1851: Asc. anoura.]
- quadridentatus* Bast., 1865c, 154, misprint for *quadridentatus* 1853 (Enoplus).
- quadrangularis* Schneid., 1866a, 31, t. h. *Crotalus* sp.; Brazil.—1866: Asc.
- quadrata* Linst., 1904f, 3, t. h. *Crocodilus porosus*; Bolgoda.—1904: Asc.
- quadrata* Linst., 1905bb, 184, t. h. ? *Tæniura* sp.—1905: Asc.
- quadrataia* Mol., 1860b, 965, t. h. *Mus musculus*; Brazil.—1860: Spiropt.
- quadricornis* Abildg., 1773a, 34 [nv.].—1773: Echinor.
- quadricornis* Bosc, 1797a, 9, for *quadrirostris* (Echinor.).
- quadricornis* Wedl, 1861b, 469, t. h. *Uræus haje*; Egypt.—1861: Asc.
- quadricostata* Mol., 1860b, 927, t. h. *Psittacus æstivus*; Brazil.—1860: Spiropt. 1861: Cheilospirura.
- quadridentis* Mol., 1858c, 407, t. h. *Strix brachyotus*; M. C. V.; by Mehl.—1858: Fil.
- quadridentata* Mol., 1860b, 941, t. h. *Alcedo americana*; Brazil.—1860: Spiropt.
- quadridentatum* Duj., 1845a, 258, t. h. *Equus cab.*—1845: Sclerost.
- quadridentatum* Mol., 1861a(b), 475(51), t. h. *Mycetes coraya*; Cujaba.—1861: Diploodon. 1897: Unc.
- quadridentatus* Berl., 1853, 431, marine; Trieste.—1853: Enoplus.
- quadridentatus* Mol., 1858d, 155, t. h. *Mustelus plebejus*; Padua.—1858: Acanthocheilus, mt.
- quadridentatus* Sieb., 1851, 45, duodenale renamed.—1851: Str.
- quadrilabiata* Drasche, 1884a, 214, t. h. *Brycon falcatus*, etc.; Coll. Mol.—1884: Spiropt.
- quadrilabiata* Mol., 1858c, 417, t. h. *Tinamus rufescens*, *T. maculosus*; Brazil.—1858: Fil. 1861: Tetracheilonema, mt.

- quadriloba* Rud., 1819a, 25, t. h. *Picus viridis*; Mus. Wien.—1819: Spiropt. 1866: Fil. 1845: Disph. 1912: Acuaría.
- quadrilobata* Linst., 1908, 21, t. h. *Pseudaspis cana*, *Vipera arietans*; Kooa, Kalahari, Africa.—1808: Asc.
- quadrilobata* Mol., 1860b, 964, t. h. *Platalea ajaja*; Villa Maria.—1860: Spiropt. 1910: Pelecitus.
- quadrupartita* Linst., 1906, 247, a larva from *Phasma*; Reunion Isl.—1906: Mermis.
- quadriradiatus* Stev., 1904c, 1, t. h. *Columba livia* dom.; Wash. D. C.—1904: Str. 1909: Trichostr. 1914: Orinthostr.
- quadriverrucosa* Viborg, 1795, 244 [nv.]: Rud., 1809a, 324.—1795: Echinor.
- quadriverrucosa* Goëze, 1782a, 165, t. h. Lachs; by Wagler.—1782: Echinor.
- quadrispina* Dies., 1851a, 271, t. h. *Mustela foina*, etc.; Europe.—1851: Fil.
- quadrispina* Mol., 1858 (1859e), 301, t. h. *Ibis falcinellus*; Padua.—1858 (1859): Fil.
- quadrispinosa* Mol., 1860b, 987, t. h. *Anas dominica*; Brazil.—1860: Spiropt.
- quadristriata* Menge, 1872, 1, in Bernstein.—1872: Mermis.
- quadrutuberculata* Leidy, 1856b, 56, t. h. *Anguilla vulg.*; by Schafhirt, Ing.—1856: Fil.
- quadriverrucosa* Mol., 1858c, 398, t. h. *Dendrocalaptes picus*; Brazil.—1858: Fil. [1909: F. (Diptotriæna).]
- quadrivittati* Hall, 1916a, 143, t. h. *Eutamias quadrivittatus*; Colo.—1916: Warrenius, tod.
- quadrovaria* Leiper, 1908, 192, t. h. *Varanus niloticus*; White Nile.—1908: Physalopt.
- quilona* Lane, 1914, 392, t. h. *Elephas indicus*; India.—1914: Quilonia, tod.
- quisculi* Linst., 1904n, 300, t. h. *Quiscalus versicolor*; Coll. Shipley.—1904: Fil.
- radia* Knight, 1903a, 523, for *radiata* (Unc.).
- radiata* Linst., 1907, 468, t. h. *Leptonychotes weddelli*; Antarctic Expedition.—1907: Asc. 1915: Kathleena.
- radiata* Nitzsch in Gieb., 1866a, 274, t. h. *Falco peregrinus*.—1866: Spiropt.
- radiatum* Looss, 1900c, 187, t. h. *Equus*; Egypt.—1900: Cyathost. 1902: Cylichnost. 1913: Cylicost.
- radiatum trifurcatum* Lane, 1917, 427, t. h. *Bos indicus*; Darjeeling.—1917: Oesophagost.
- radiatus* Cobb, 1913, 439, roots of plants and among algæ; Potomac River, Wash., D. C.—1913: Actinolaimus, tod.
- radiatus* Cobb, 1917n, 438, in cranberry bog; New Jersey.—1917: Mononchus (Mononchus).
- radiatus* Rud., 1803a, 13, t. h. *Bos taurus*; Greifsw.—1803: Str. 1898: Oesophagost. 1913: Oesophagost (Proteracrum).
- radiatus* Rud. of Schneid., 1866a, 139, t. h. *Bos taurus*.—1866: Str. 1885: Unc. 1868: Doch. 1888: Ankylostoma. [1888: Ancylostoma.] 1900: Strongylatus. 1900: Unc. (Monodontus). 1906: Ankylostomum. 1906: Bunost. 1910: Anchylostomum. [1911: Monodontus phlebotomus.]
- radicicola* Greef, 1872, 172, in roots of *Dodarya orientalis*, etc.—1872: Anguillula. 1880: Tylenchus. 1884: Heterodera. 1898: Heterodera (Heterobolbus).
- radicicolus* Cobb, 1913, 439, soil about roots of cotton plants; Springfield, S. C.—1913: Isonchus, tod.
- radicola* Müell., 1884a, 2, for *radicicola*.—1884: Anguillula. 1902: Heterodera.
- radiosa* Schneid., 1866a, 42, t. h. *Echidna rhinocerotis*; Mozambique.—1866: Asc.
- radula* Schneid., 1866a, 98, t. h. *Paradoxurus philippinensis*; Philippines.—1866: Fil. 1915: Gnathost.
- raia* Müell., 1776a, 214, t. h. *Raja fullonica*; Greenland.—1776: Asc. [1810: Dubium *rajae-fullonicae*.]
- raillieti* Skrj., 1915, 697, t. h. *Fulica atra*; Turkestan.—1915: Amidost.
- raillieti* Trav., 1913, 308, t. h. *Didelphis aurita*.—1913: Aspidodera.
- raja* Dies., 1851a, 229, t. h. *Raja batis*, *R. clavata*; Ireland.—1851: Spiropt. 1894: Spiropterina.
- raja* Dies., 1851a, 196, t. h. *Raja batis*; Ireland.—1851: Asc.
- raja* Fabr., 1780a, 273, for *raia* Müell.—1780: Asc. 1791: Proboscidea. [1801: Ophiost.] 1803: Fus. 1810: Ophiost.
- rajae-batis* Dies., 1851a, 230, t. h. *Raja batis*; Ireland.—1851: Spiropt. [1851: S. *rajae*.]
- rajae-batis* Rud., 1819a, 799, t. h. *Raja batis*; Monro, 1783, pl. 13 fig. 14.—1819: Dubium. 1844: Nematoideum.
- rajae-clavata* Linst., 1890d, 181, t. h. *Raja clavata*.—1890: Spiropterina.
- rajae-clavata* Mol., 1860b, 988, t. h. *Raja clavata*; teste Duj.—1860: Spiropt. [1860: S. *rajae*.]
- rajae-fullonica* Rud., 1810a, 270.—1810: Vermis (dubius). 1819: Dubium. 1844: Nematoideum.
- rajae-fullonica* Oerley, 1885a, 105, for *rajae-fullonica* (Nematoideum).

- rajarum* Dies., 1861a, 681, t. h. *Raja calvata*; by Wedl.—1861: Spiroptera.
- ralli* Rud., 1819a, 55, t. h. *Rallus crex*; C. E. V.—1819: Asc.
- ralli* Rud., 1819a, 642; t. h. *Rallus*; Brazil.—1819: Spiropt.
- ramphastos* M. C. V. in Mol., 1860c, 492.—1860: Spiropt. [1860: Disph. crassissimus.]
- ranæ* Gmel., 1790a, 3035, t. h. *Rana temp.*; Gœze, 1782a.—1790: Asc.
- ranæ* Gmel., 1790a, 3051, t. h. *Rana temp.*; Gœze, 1782a.—1790: Cucullanus.
- ranæ* M. C. V. in Mol., 1858c, 390, t. h. *Cystignathus gigas*, *Leptodactylus sibilatrix*; Ypanema.—1858: Fil.
- ranæ* Nordm., 1832a, 17, t. h. *Rana escul.*; by Nordm.—1832: Asc. oculi.
- ranæ* Nordm., 1833b, 268, t. h. reptiles.—1833: Fil. oculi.
- ranæ* [brasil.] Rud., 1819a, 713, 799, t. h. *Rana*; Brazil.—1819: Dubium. 1851: Nematoideum.
- ranæ* Schrank, 1788a, 25, t. h. *Rana*; Gœze, 1782a.—1788: Echinor. 1911: Acanthoc.
- ranæ* of Schrank, 1803b, 217, t. h. Quappen.—1803: Echinor.
- ranæ-æsculentæ* Mathis & Léger, 1911, 406, 437, for *r.-æsculentæ* (Fil.).
- ranæ-bombinæ* Dies., 1851a, 29, for *r.-bombynæ* (Echinor.).
- ranæ-bombynæ* Westrumb, 1821a, 18, so. *hæruca* 1819.—1821: Echinor.
- ranæ-æsculentæ* Chaussat, 1850b, 84, in *Rana escul.*—1850: Trichina.
- ranæ-æsculentæ* Rud., 1819a, 10, t. h. *Rana escul.*; C. E. V.—1819: Fil.
- ranæ-æsculentæ* Val., 1841c, 53 [nv.]; Dies., 1851a, 284, t. h. *Rana escul.*—1841: Fil. 1851: Fil.
- ranæ-pipæ* Rud., 1810a, 267, t. h. *Rana pipa*.—1810: Vermis (dubius). 1819: Dubium. 1851: Nematoideum.
- ranæ-pipientis* Mol., 1858c, 378, t. h. *Rana pipiens*; Leidy 1852b, 242.—1858: Fil.
- ranæ-temporariæ* Dies., 1861a, 724, t. h. *Rana temp.*; teste Leidy.—1861: Nematodum.
- ranæ-temporariæ* Linst., 1878a, 197, t. h. *Rana temp.*; ZwZ, 387.—1878: Nematoideum.
- ranæ-temporariæ* Perty, 1852b, 156, t. h. *Rana temp.*; Switz.—1852: Anguillula.
- ranæ-temporariæ* Viborg., 1795, 244 [nv.]; Lühe, 1905a, 292; t. h. *Rana temp.*—1795: Echinor. [1905: E. ranæ.]
- ransomia* Barker & Noyes, 1915, 197, t. h. *Fiber zibethicus*; Nebraska.—1915: Cap.
- ranzaniæ* Stoss., 1893a(b), 86(4), t. h. *Ranzania truncata*; Pirano, Istria.—1893: Agamonema. 1898: Asc.
- rapax* Cobb, 1894c, 393; Bay of Nap.—1894: Demonema, mt.
- rapax* Cobb, 1917n, 438, about roots of plants; Arlington Farms, Va.—1917: Mononchus (Iotonchus).
- rapax* Savelev, 1912, 122, im Sande; Mogilnojese, etc.—1912: Halichoanolaimus.
- raphaëlis* Cam., 1893c, 213, t. h. *Phyllodromia hemerobina*, P. parenthesis; Fr. Congo.—1893: Gord. 1897: Parachord.
- raphaëlis* Sons., 1896m, 449 [perhaps earlier], t. h. *Varanus arenarius*; Egypt.—1896: Echinor.
- raptatorum* Pol., 1860b, 23, cf. *Trichina microscopica*.—1860: Fil.
- ratti* Dies., 1851a, 225, t. h. *Mus rattus*; Berl.—1851: Spiropt.
- ratzeburgensis* Linst., 1876a, 13; Ratzeburger-See.—1876: Chromadora.
- recessus* Cobb, 1917n, 454, in soil of a tomato field; Naranjo, Fla.—1917: Mononchus (Sporonchulus).
- reclinata* Rud., 1819a, 657, t. h. *Crotophaga major*, C. minor; Brazil.—1819: Asc.
- recondita* Grassi in Grassi & Caland., 1890a, 18, t. h. *Canis fam.*, *Pulex serraticeps*; by Grassi & Caland.—1890: Fil. 1912: Acanthocheilonema. 1914: Dirofíl.
- recta* Linst., 1879b, 324, t. h. *Podiceps cristatus*; Ing.—1879: Fil. 1879: Fil. (Spiropt.) 1909: Spiropt. 1916: Streptocara.
- rectangula* Linst., 1907, 464, t. h. *Leptonychotes weddelli*; S. Orkneys.—1907: Asc. [1914: Kathleena.] 1915: Kathleena.
- recticauda* Hempr. & Ehrenb., 1828a, unpagéd; Berl.—1828: Anguillula.
- recticauda* Mol., 1860e, 346, t. h. *Falco coronatus*; Brazil.—1860: Spiropt.
- recticaudata* Costa, 1845 [nv.]; Rail., 1916, 519.—1845: Philometra.
- rectovaginatulus* Mol., 1860c, 484, t. h. *Falco ater*; M. C. V.—1860: Disph. 1912: Acuaría (Dispharynx).
- rectum* Linst., 1899b, 19, t. h. *Canis megalotis*, *C. vulpecula*; Egypt.—1899: Oxynema, tod. 1914: Subulura (Oxynema).
- rectum* Linst., 1907, 255, t. h. *Elephas africanus*; Kamerun.—1907: Sclerost. 1907: ?Str.
- rectus* Lint., 18921, 91, t. h. *Larus* (Chroicoc.) sp.; Guaymas, Mexico.—1892: Echinor.
- rectus* Linst., 1906, 254, t. h. *Dolichotis patagonica*; Zool. Mus. Königsb.—1906: Str.
- rectus* Mol., 1860c, 494, t. h. *Falco femoralis*, *F. uncinatus*; Brazil.—1860: Disph. 1912: Acuaría (Cheilospirura).
- recurvata* Linst., 1901b, 412, t. h. *Eurystomus afer*; Langenburg, Nyassa See, Africa.—1901: Het. 1913: Subulura.

- recurvum* Solger, 1877a, 19, t. h. *Crocodylus acutus*; Mexico.—1877: Trichosoma. 1915: Cap.
- redii* Zed., 1800a, 23, t. h. *Muræna anguilla*; by Redi & Zed.—1800: Fus. [1809: Asc. labiata.]
- redivivum* Linn., 1767a, 1326, in aceto et glutine bibliopegorum.—1767: Chaos. 1775: C. filiforme. [1783: Vibrio.] [1786: Anguillula.] 1905: Anguillula.
- reductus* Linst., 1905dd, 2, t. h. *Phoca foetida*; Zanzibar.—1905: Echinor. 1907: Corynosoma.
- reflexa* Linst., 1896a, 8, free; *Usachuaia*.—1896: Anticoma.
- reflexa* Nitzsch, 1821a, 47, t. h. *Caprimulgus europæus*; Ing.—1821: Asc.
- reflexa* Zed., 1800a, 21, t. h. *Phasianus dom.*, *P. colchicus*; Europe.—1800: Fus. 1803: Fus. [1809: so. Asc. *perspicillum* and *A. vesicularis*.] [1845: so. Asc. (*Ascaridia*) *inflexa* and *Het. vesicularis*.]
- regius* Cobb, 1917n, 438, about roots of plants; Arlington Farms, Va.—1917: *Mononchus* (*Iotonchus*).
- regius* Man, 1876a (b), 92; Leiden.—1876: *Dorylaimus*.
- recondita* Schneidem., 1896a, 307, for *recondita* (Fil.).
- renalis* Dies., 1851a, 327; quotes Redi.—1851: *Lumbricus canis*.
- renalis* Göze, 1782a, 39, 73, and Gmel., 1790a, 3032, t. h. *Canis fam.*; Redi.—1782: Asc. 1790: Asc. 1803: Fus. [1809: *Str. gigas*. 1824: *Diectophyma*, mt.] 1855: *Lumbricus*. 1860: Str. 1901: *Diectophyme*, mt. 1910: Eustr., tsd. 1916: *Diectothyme*.
- (*renalis*) Mol., 1858d, 424, t. h. *Myothera* (*Turdus*) *rex*; Marabitanus, Coll. Brazil.—1858: Fil. *myothera-regis*.
- renardi* Lindemann, 1865a, 495, t. h. *Strix passerina*; Wilno.—1865: *Paradoxites*, tsd.
- rennicki* Leiper & Atkinson, 1914, 223, t. h. *Trematomus bernacchii*.—1914: Echinor.
- rennei* Rail. & Henry in R., H., & J., 1913, 264.—1913: *Evansia*, tod.
- renum canis* Rud., 1809a, 210; quotes Hartm. 1685.—1809: *Lumbricus*.
- repens* Rail. & Henry, 1911, 387, t. h. *Canis dom.*; Bologne.—1911: *Dirofil.* 1913: Fil. 1915: Fil. (*Dirofil.*).
- reptilium* Fabr. 1794, 31.—1794: *Cucullanus*.
- resectum* Duj., 1843a, 347, t. h. *Corvus monedula*; Rennes.—1843: Trichosoma. 1915: Cap. (Cap.).
- restiformis* Leidy, 1880c, 130, t. h. *Homo*; W. Va.—1880: Fil. 1907: *Agamomermis*. 1910: *Agamomeris*.
- reticulata* Dies. in Herm., 1841b, 200, s. *reticulata equi-caballi*; t. h. *Equus cab.*; Wien.—1841: *Onchocerca*, mt. 1841 or 1851: *Trichina*. 1846: Fil. 1885: *Spiropt.*
- reticulata* Linst., 1899b, 7, t. h. *Ardea coccyi*; Porto Alegre.—1899: Asc.
- reticulata* Schlotthauber, 1860a, 126, t. h. *Equus cab.*; Giett.—1860: *Piguris*, mt.
- reticulata equi-caballi* Dies. in Herm., 1841b, 199, so. *Onchocerca reticulata*.—1841: *Trichina*.
- reticulatum* Richters, 1905a, 46; Blindbachtal, Schwarzwald.—1905: *Bunonema*.
- reticulatus* Tokishige, 1898a, 452, t. h. *Equus cab.*; Nagoya.—1898: *Disph.*
- reticulatus* Villot, 1874a, 57; California; Mus. Paris.—1874: *Gord.*
- reticulatus* Westrumb, 1821a, 24, t. h. *Rallus nigricans*; Brazil.—1121: Echinor.
- retikulata* Schneidem., 1896a, 308, for *reticulata* (*Onchocerca*).
- retortæformis* Brems., 1811a, 25, in *Lepus cuniculus fer.*—1811: Str. [1845: *S. strigosus*.]
- retortæformis* Zed., 1800a, 73, t. h. *Lepus*; Europe.—1800: Str. 1905: *Trichostr.*, tod. 1913: Str. (*Trichostr.*).
- retortæformis major* Rud., 1819a, 34, t. h. *Lepus timidus*; by Treutler.—1819: Str.
- retortæformis minor* Rud., 1819a, 34, t. h. *Lepus cuniculus*, *L. timidus*; by Zed., Braun.—1819: Str.
- retortiformis* Crisp, 1868a, 459, for *retortæformis* (Str.).
- retusa* Frœl., 1802a, 41, t. h. *Corvus corone*, *Tringa vanellus*; by Frœl.—1802: Asc.
- retusa* Rud., 1819a, 30, t. h. *Lacerta teguixin*; Brazil.—1819: *Physalopt.* 1845: *Spiropt.*
- retusa* Rud., 1819a, 656, t. h. *Dasypus novemcinctus*; Brazil.—1819: Asc. 1866: *Het.*
- retusum* Rail., 1893a, 486, t. h. *Gallus gallus*, *Numida*; France.—1893: Trichosoma. 1915: Cap. (Cap.).
- revalensis* Zool. Rec., 1908 (for 1906), v. 43, Verm., 36, for *revaliensis* (*Chromadora*).
- revaliensis* Schneid., 1906e, 681, in fresh water; Reval in Estland.—1906: *Chromadora*. 1913: *Ethmolaimus*.
- reversus* Cobb, 1917n, 434, about roots of *Platonia insignis*; Rio de Jan., Brazil.—1917: *Mononchus* (*Mylonchulus*).
- revoluta* Cobb, 1906, 165 free; Hilo, H. I.—1906: *Anthonema*, mt.
- revoluta* Rud., 1819a, 26, t. h. *Charadrius himantopus*; M. V.—[1811: *Acuaria*.] 1819: *Spiropt.* 1860: *Disph.*

- rex* Cobb, 1904, 363, in fresh water; Lakes Manapouri & Wakatipu, New Zealand.—1904: Mononchus. 1916: M. (Mononchus). 1917: M. (M.) and M. (Iotonchus).
- rhabdites* Blumer, 1905, 115, refers to the rhabditiform larva.—1905: Unc.
- rhabdogalis* Sons., 1896m, 440, t. h. Rhabdogale mustelina; Egypt.—1896: Fil.
- rheæ* Dies., 1851a, 278, t. h. Rhea; quotes Owen.—1851: Fil.
- rheæ* Marval, 1902a, 414, t. h. Rhea americana; Coll. Wolffh.—1902: Echinor.
- rheæ-americanae* M. C. V. in Mol., 1860b, 929.—1860: Spiropt. [1860: S. uncinipenis.]
- rhinarina* Pilger, 1803, 1284.—1803: Tænia. 1805: Cochlus. 1810: Prionoderma. [Linguatula.]
- rhizophilus* Man, 1880a, 52, in soil; Holland.—1880: Plectus.
- rhodesi* Rail & Henry, 1910, 214, for rhodesii, t. h. Bos taurus; by Rhodes.—1910: Thelazia, type.
- rhodesii* Desmarest, 1828a, 79, t. h. Bos taurus; by Rhodes.—[1819: Thelazia, mt.] 1828: Thelazius. 1828: Thelazia.
- rhodii* Gurlt, 1831a, 347, for rhodesii (Thelazia).
- rhombi* Gmel., 1790a, 3036, t. h. Pleuronectes rhombus; teste Müell.—1790: Asc. 1803: Fus. [1809: A. acuta.]
- rhombi-boscii* Dies., 1851a, 119, t. h. Rhombus boscii; Nap.—1851: Agamonema.
- rhopalocercus* Man, 1876a (b), 99 (22); Leiden.—1876: Dorylaimus.
- rhopalorhynchus* Dies., 1851a, 46, t. h. Champsia sclerops, etc.; Brazil.—1851: Echinor. 1908: Gigantor.
- rhytidodes* Mont., 1905d, 1, t. h. Solea impar; Nap.—1905: Echinor.
- rhytinæ* Dies., 1851a, 190, t. h. Rytina stelleri; by Brandt.—1851: Asc.
- rhytinæ-stelleri* Dies., 1851a, 190.—1851: Asc.
- rytipleures* Seur., 1911, 66 (1), for rytipleurites (Fil.).
- rytipleurites* Linst., 1889a, 105, for rytipleurites (Fil.).
- richtersi* Jægers., 1905, 557, in einem Stüeckchen Cotula-Rasen von Kerguelen; Schwarzwald, etc.—1905: Bunonema, mt.
- richtersi* Steiner, 1914, 269; Switz.—1914: Aphelenchus.
- richtersi aberrans* Steiner, 1914, 266; Switz.—1914: Bunonema.
- ricinoides* Rud., 1809a, 253, t. h. Upupa epops; by Rud.—1809: Echinor.
- rigida* Rud., 1809a, 181, t. h. Lophius piscatorius; teste Müell.—1809: Asc.
- rigida* Schneid., 1866a, 161, in moist soil and decaying substances.—1866: Leptodera. 1876: Anguillula. 1880: Cephalobus. 1886: Pelodera.
- rigida* Sieb., 1836c, 33, t. h. Aphodius fumentarius; by Sieb.—1836: Fil. 1891: Allantonema. 1892: Bradynema, mt.
- rigidulum* Duj., 1845a, 15, t. h. Accentor modularis; Rennes.—1845: Trichosoma. 1915: Cap. (Cap.).
- rigidus* Baird, 1853a, 35; Ing.—1853: Mermis.
- rigidus* Leidy, 1850e, 102, t. h. Passalus cornutus; by Leidy.—1850: Hystrignathus, mt. 1861: Anguillula (Hystrignathus).
- rima* Linst., 1906, 252, t. h. Otis haubara; Zool. Mus. Koenigsb.—1906: Het. 1913: Subulura.
- rimula* Linst., 1903k, 110, t. h. Centropus sinensis; Siam.—1903: Het. 1913: Subulura.
- ritzemabosi* Schwartz, 1911, 35, in Chrysanthemum leaves.—1911: Aphelenchus.
- rivalis* Bütsch., 1873a, 48, on stones; Main River.—1873: Aphelenchus.
- rivalis* Duj., 1845a, 235, aquatic; Seine, Blagnac, Vilaine.—1845: Enoplus. 1865: Plectus.
- rivalis* Fabr., 1780a, 278.—1780: Lumbricus.
- rivalis* Leyd., 1854a, 291, aquatic; Main.—1854: Oncholaimus. 1873: Diplogaster.
- rivicola* Corti, 1902a, 105, t. h. Chironomus venustus; near Pavia.—1902: Hydromermis, mt.
- rivularis* Bast., 1865c, 97, sandy mud; Falmouth.—1865: Monhystera.
- robusta* Bast., 1865c, 166, marine surface mud; Falmouth.—1865: Spiliphora. 1874: Spilophora. [1886 and] 1907: Halichoanolumus, tod.
- robusta* Ben., 1871a, 18, t. h. Raia circularis, R. clavata; Belgium.—1871: Coronilla, ? type. 1903: Spiropterna. 1916: Proleptus.
- robusta* Drasche, 1884b, 327, t. h. Testudo græca: Trieste or Mus. Wien.—1884: Oxyuris.
- robusta* Leidy, 1856b, 58, t. h. Lycosa scutulata, L. sp.; N. J. & Penn.—1856: Mermis.
- robustum* Giles, 1892b, 25, t. h. Equus mulus; India.—1892: Sclerost. [1900: Trio-dontus. 1902: Oesophagodontus, tod.] 1909: Oesophagodontus, tod.
- robustum* Leidy, 1850e, 101, t. h. larva of lamellicorn insect; by Leidy.—1850: The-lastoma. 1853: Thelastomum. 1861: Anguillula (Thelastoma).
- robustum* Dies., 1838a, 189, nomen nudum; 1839a, 222, t. h. Felis concolor; Brazil.—1838, 1839: Cheiracanthus, tsd. 1885: Gnathost.
- robustus* Man, 1876a (b), 94 (17); Leiden.—1876: Dorylaimus.
- robustus* Man, 1876a, 124, free; Leiden.—1876: Tylenchus.
- robustus* Maupas, 1900a, 541, in terreau noir; Alger.—1900: Diplogaster.

- robustus* Leidy, 1851c (1904a), 263 (65), in grasshopper; N. J.—1851: Gord. 1898: Gord. aquaticus.
- robustus* Van Cleave, 1916, 227, t. h. *Icteria virens*; Wash., D. C.—1916: Medior.
- roccatzi* Cam., 1912, 215; W. Himalayas.—1912: Parachord.
- rodentorum* Hall, 1916a, 116, t. h. *Thomomys fossor*; Colo.—1916: Ransomus, tod.
- roemeri* Linst., 1905t, 356, t. h. *Macropus antilopinus*; Australia.—1905: Fil.
- romanorum* Verdun, 1907a, 416, for *r. orientalis*.—1907: Fil. 1911: Microfil.
- romanorum orientalis* Sarcani, 1888a, 222, t. h. *Homo*; Vartina, Roumania.—1888: Fil.
- rosæ* Cam., 1886a, 170; Vallone della Veggia, Biellese.—1886: Gord.
- rosai* Porta, 1910, 700, t. h. *Erinaceus europæus*; Firenze.—1910: Echinor.
- rosarius* Connal, 1912, 233, t. h. *Nycticorax* sp.; Lagos.—1912: Asc.
- roscidus* Rail. in Brumpt, 1911, 907, t. h. *ceri*; France.—1911: Nematodirus.
- roscovianum* Villot, 1875a, 458; Roscoff.—1875: Leptosomatum.
- rosea* Hagmeir, 1912, 587; Neuhausen.—1912: Paramermis.
- rosea* Kœll., 1845b, 88, marine; Messina.—1845: Lineola. 1865: Phanoglene.
- rosenau* McCoy, 1911, 220, t. h. *Citellus beecheyi*; California.—1911: Microfil.
- roseus* Ben., 1871a, 46, t. h. *Labrus trimaculatus*; Belgium.—1871: Echinor. [? 1907: Echinoma.]
- roseus* Leidy, 1851a, 15b, t. h. *Testudo* sp.; Java.—1851: Cucullanus.
- roseus* Mol., 1858 (1859e), 295, t. h. *Cantharus vulg.*; Padua.—1858: Echinor. [? 1907: Echinoma.]
- rosmani* Baylis, 1916, 373, bicolor Baird renamed, t. h. *walrus*; Brit. Mus.—1916: Asc.
- rossi* Braun, 1908, 305, for *rossii* (Fil.).
- rossicus* Kostylev, 1916, 392, t. h. *corbeau*; Jekaterinoslav.—1916: Prosthoro.
- rossii* Low, 1904a, 2, in monkey; from Uganda.—1904: Fil.
- rostrata* Stoss., 1897a, 2, t. h. *Sciæna aquila*; Fiume.—1897: Asc.
- rostratus* Fuhrm. in Wolfh., 1900a, 10, t. h. *Corvus corone*, *C. frugilegus*; Germany; [nomen nudum except for hosts].—1900: Echinor.
- rostratus* Scortegagna, 1848a, 245, t. h. *Homo*; Italy.—1848: Asc. *lumbricoides*.
- roszkowski* Stefanski, 1915, figs. 2a-b; Czarna River, Pologne.—1915: Diplogaster.
- rothschildi* Seur., 1915, 8, t. h. *Elephantulus deserti*; Biskra.—1915: Spirura.
- rotunda* Mol., 1861c, 280 (93).—1861: Asc.
- rotunda* Pline [nv.].—1888: Tinea.
- rotundata* Linst., 1883a, 283, t. h. *Otis macquini*; Turkestan?—1883: Fil. [1906: Physalopt.] 1914: Habronema. 1915: Hartertia.
- rotundata* Linst., 1883a, 301; apparently Turkestan.—1883: Mermis.
- rotundata* Linst., 1906, 249, t. h. *Otis houbara*; Kœnigsb.—1906: Physalopt. [1914: Habronema.]
- rotundata* Mol., 1859h, 27, t. h. *Cantharus vulg.*; Padua.—1859: Dacnitis. 1887: Het.
- rotundata* Rud., 1819a, 39, t. h. *Squalus galeus*, *S. glaucus*; Rimini, Mus. Wien.—1819: Asc.
- rotundate* Skrj., 1917, 305 for *rotundatum*, 1903 (Aprocta).
- rotundatum* Linst., 1906, 256, t. h. *Bufo viridis*; Korfu.—1906: Angiost.
- rotundatum* Linst., 1883a, 291, in fish.—1883: Agamonema.
- rotundatum* Linst., 1903k, 117, t. h. *Centropus sinensis*; Siam.—1903: Lissonema, mt. 1910: Aprocta.
- rotundatus* Linst., 1897i, 33, t. h. *Centropus madagascariensis*; Madagascar.—1897: Echinor.
- rotundatus* Linst., 1907, 256, t. h. *Lanius minor*; Turkestan.—1907: Disph. 1912: Acuarina (Cheilospirura).
- rotundatus* Linst., 1908, 23, t. h. *Pseudaspis cana*; Kooa, Kalahari, Africa.—1908: Kalic.
- rotundicauda* Linst., 1902a, 222, t. h. *Garrulus glandarius*; Dublany.—1902: Fil.
- rotundicauda* Man, 1880a, 100, in sand; Holland.—1880: Dorylaimus.
- rotundicaudata* Linst., 1904f, 2, t. h. *Calotes ophiomachus*; Colombo.—1904: Asc.
- rotundo-capitatus* Johnst., 1912, 83, t. h. *Pseudechis porphyriacus*; N. S. W.—1912: Echinor.
- rotundus* Cœlius Aurelianus [nv.]; Rauh, 1779a, 10; R. Bl., 1888a, 661.—1779: Lumbricus.
- rubbifuscus* Cam., 1897g, 398 (60), for *subbifurcus* Sieb. (Gord.).
- rubella* Rud., 1819a, 5, t. h. *Rana escul.*, *R. temp.*; Berl.—1819: Fil.
- rubella* Mehl. in Crep., 1846a, 135, t. h. *Ciconia nigra*.—1846: Spiropt.
- ruber* Collet, 1886a, 258, t. h. *Balanopt. borealis*; Vardö.—1886: Echinor.
- rubetræ* Rud., 1819a, 77, t. h. *Motacilla rubetra*.—1819: Echinor.
- rubicunda* Schneid., 1866a, 31, misprint for *rubicunda* (Asc.).
- rubicunda* Schneid., 1866a, 35, t. h. *Python molurus*; Zool. Gard., Berl., from ?Bengal.—1866: Asc. [Polydelphis].
- rubicundus* Mol., 1859h, 14, t. h. *Platessa passer*; Padua.—1859: Echinor.

- rubidus* Hass. & Stiles, 1892a, 207, t. h. *Sus scrofa* dom.; Wash., D. C.—1892: Str. 1912: *Hæmonchus*.
- rubra* Bosc, 1802a, 45, t. h. *Gadus barbatus*; Müell., pl. 3 figs. 1-3.—1802: Proboscidea.
- rubra* Leidy, 1856b, 56, t. h. *Labrax lineatus*; [U. S. A.].—1856: Fil. 1861: *Dicheilonema*.
- rubra* Müell., 1774a, 36, free; Norway & Eng.—1774: Asc.
- rubrovenosa* Schneid., 1866a, 318, t. h. *Bufo cinereus*; by Schneid.—1866: Leptodera. 1880: *Rhabditis*. 1885: *Angiost.*
- rubrum* Lint., 1892i, 705, t. h. *Spizella socialis*; Albany, N. Y.—1892: *Trichosoma*. 1915: Cap.
- rubrum* Theobald, 1898a, 21, t. h. *Equus cab.*—1898: *Sclerost.*
- rude* Rud., 1810a, 258, t. h. *Homo*; teste Sultz.—[1809: *Ditrachycerosoma*, mt.] 1810: *Dicerias*, mt. 1810: *Ditrachyceras*, mt. [1810: *Dirhynchus*, mt.] 1816: *Ditrachyceros*, mt.
- rudicaudatum* Rail. & Henry, 1909a, 86, t. h. *Lagost. trichodactylus*; Argentine.—1909: *Graphidium*.
- rudolphi* Braun, 1906a, 452, apparently for *Oxyuris* Rud.—1906: *Oxyuris*.
- rudolphi* Chiaje, 1825a, 7, t. h. *Homo*.—1825: *Spiropt.*
- rudolphiana* Chiaje, 1825a, 7, for *rudolphi* (*Spiropt.*).
- rudolphi* Dies., 1851a, 223, for *rudolphi* Chiaje (*Spiropt.*).
- rufescens* Leuck., 1865a, 227, t. h. *Ovis aries*; Germany.—1865: Str. 1907: *Synthetocaulus*. 1910: *Sclerost.* 1912: *Synthetocaulus*. 1912: *Metastr.* 1913: *Str.* (*Synthetocaulus*). 1916 *Dictyocaulus*.
- rugosa* Mol., 1858d, 146, t. h. *Strix bubo*; Padua.—1858: Asc.
- rugosus* Fabr., 1794, 39, *annulatus* s. *rugosus*.—1794: *Echinor.*
- rugula* Müell., 1786, 44.—1786: *Vibrio*. [1826: *Melanella flexuosa*.]
- rugulosus* Risso, 1826a (b), 260, in water; Alpes Maritimes.—1826: *Gord.*
- ruricola* Man, 1880a, 18, in moist soil; Holland.—1880: *Cyatholaimus*.
- rustica* Büetsch., 1873a, 64, on roots of *plantago*, in moss; Germany.—1873: *Monhystera*.
- rusticum* Micol., 1915 [nv.].—1915: *Criconema*. 1917: *Hoplolaimus*.
- rutheni* Westrumb, 1821a, 17, for *accipenseris-rutheni* 1819 (*Echinor.*).
- rutili* Müell., 1780, 2 [nv.]; 1784a, 61, *Leuciscus rutilus*.—1780 or 1784: *Echinor.* 1802: *Echinorhynchus*. 1905: *Neor.* 1914: *Eor.*, type.
- rutili* Zed., 1803a, 163, t. h. *Cyprinus rutilus*.—1803: *Echinor.*
- ruwenzorii* Par., 1907a, 4, t. h. *Arvicanthus abyssinicus*, *Mus ugandæ*; Africa.—1917: *Physalopt.*
- rythidodes* Mont., 1905d, 10, for *rhytidodes* (*Echinor.*).
- rytinx* Dies., 1851a, 190, t. h. *Rytina stelleri*; Bering Sea.—1851: Asc.
- rytipleures* Senn., 1911, 66, for *rytipleurites* (Fil.).
- rytipleurites* Deslgh., 1824p, 396, t. h. *Blatta orientalis*; Ing.—1824: Fil. 1916: *Spirura*.
- sabelloides* Bast., 1865c, 169, marine surface mud; Falmouth.—1865: *Chromadora*.
- sabulosus* Southern, 1914a, 31; Blacksod Bay.—1914: *Diodontolaimus*, mt.
- sacchari* Soltwedl, 1881, 143 or 147 [nv.].—1811: *Tylenchus*.
- sagæ-natoliæ* Dies., 1851a, 96, t. h. *Saga natoliæ*; Europe.—1851: Fil. 1851: *Gord.*
- sagax* zur Strassen, 1904a, 302, free; Nap.—1904: *Anthraconema*.
- saginata* Rud., 1819a, 647, t. h. *Strix*; Brazil.—1819: *Physalopt.* 1845: *Spiropt.*
- sagitta* Linst., 1907, 257, t. h. *Tragelaphus scriptus*; Kamerun.—1907: Fil.
- sagitta* Müell., 1786, 59.—1786: *Vibrio*. [1838: ?*Euglena*.]
- sagittam* Olfers, 1816a, 64, cf. *sagittata*, in *Ardea nigra*.—1816: Asc.
- sagittata* Rud., 1809a, 189, t. h. *Ardea nigra*; by Braun.—1809: Asc.
- sagittatus* Müell., 1890c, 58, t. h. *Cervus elaphus*; Austria.—1890: Str. 1907: *Synthetocaulus*.
- sagitticollis* Schlotthauber, 1860a, 125, t. h. *Scolopax gallinago*; by Schlotth.—1860: Disph.
- sagittifer* Linst., 1889a, 496, t. h. *Cynoscion regalis*, etc.; Woods Hole.—1889: *Echinor.* 1912: *Echinogaster*.
- salamandræ* Schrank, 1790a, 122, t. h. *Salamandra maculosa*; teste Schrank.—1790: Asc. 1803: *Fus.* [1809: Asc. *salamandræ-terrestris*. 1851: Asc. *acuminata*.]
- salamandræ-terniæ* Gravenhorst, 1807, 14.—1807: Asc.
- salamandræ-terrestris* Rud., 1809a, 167, t. h. *Salamandra maculosa*; by Schrank.—1809: Asc.
- salaris* Gmel., 1790a, 3052.—1790: *Cucullanus lacustris*. 1790: *Capsularia*, type. 1802: *Cucullanus*. 1849: Asc.
- salisburyi* Dolley, 1894a, 994, for *salisburyii* (Fil.).
- salisburyii* Cobbold, 1879b, 188, *Trichina cystica* 1868, renamed.—1879: Fil.

- salmonicola* Ishii, 1916, 125, t. h. a salmoid fish; Japan.—1916: *Ancyracanthus*.
salmonis M. C. V. in Mol., 1860b, 931(23), t. h. *Brycon falcatus*; Brazil.—1860: *Spiropt*.
salmonis Müell., 1784a, 83, t. h. *Salmo salar*; by Müell.—1784: *Echinor*.
salmonis-eperalani Rud., 1810a, 281, t. h. *Salmo eperlanus*.—1810: *Vermis (dubius)*.
 1819: *Dubium*. 1851: *Nematoideum*.
salmonis-lavareti Rud., 1810a, 281, quotes Fabr.—1810: *Vermis (dubius)*.
salmonis-omul Rud., 1819a, 59, t. h. *Salmo omul*; Pall., 1813, 409.—1819: *Asc*.
salmonis-salaris Rud., 1810a, 280, quotes Braun.—1810: *Vermis (dubius)*.
salmonis-spirinchi Rud., 1819a, 196, 799, t. h. *Salmo spirinchus*.—1819: *Dubium*.
 1851: *Nematoideum*.
salmonum Rud., 1819a, 80, t. h. *Salmo fario*, etc.; C. E. V.—1819: *Echinor*.
salsa Bast., 1865c, 116, in brackish water; Falmouth.—1865: *Tripyla*.
salvadorii Cam., 1895a, 3; Coll. Leyden.—1895: *Gord*.
salvelini Schrank, 1788a, 24, t. h. *Salmlingen*.—1788: *Echinor*.
salvini Baird, 1860, 446, t. h. *Oreophthalmis derbianus*; Guatemala.—1860: *Asc*.
sambucii Mathis & Léger, 1911, 409, t. h. *Gallus ferrugineus*; Tonkin.—1911: *Microfil*.
samoensis Linst., 1906, 244; Samoa.—1906: *Gord*.
sangeri Cobbold, 1879b, 399, t. h. *Elephas indicus*; Eng.—1879: *Doch*. 1897: *Unc*.
 1909: *Bathmost*, *tod*.
sanguigna Oreste, [nv.]; Toce, 1863a [nv.]; Par. 1894a, 587.—1894: *Spiropt*.
sanguilenta Porta, 1902a, 1, for *sanguinolenta* (*Spiropt*.).
sanguinea Rud., 1819a, 5, t. h. *Cyprinus gibelio*; Berl.—1819: *Fil*. 1865: *Ichthyonema*.
sanguinea Southern, 1914a, 27; Clew Bay.—1914: *Desmodora*.
sanguineus in rene canis Hartm., 1705a, 149, i. e. *Dioctophyme renale*; Dies., 1851a, 327.—1705: *Lumbricus*. 1851: *Lumbricus*.
sanguinis Ben., 1878a, 276, for *sanguinis hominis*, t. h. *Homo*.—1878: *Fil*. 1898: *Tilaria*.
sanguinis Cobbold, 1869a, 48, 62, t. h. *Canis fam*.—1869: *Fil*.
sanguinis Dies., 1861a, 725, t. h. *Mustelus laevis*; Sardinia.—1861: *Nematodum squalorum*.
sanguinis Erc., 1875e, 37, in dog; Bologna.—1875: *Spiropt*. [1875: *F. immitis*.]
sanguinis in various animals.—*Fil*.
sanguinis Ijima, 1889b, 350, for *sanguinis hominis*.—1889: *Fil. hominis*.
sanguinis, see *hominis sanguinis* (*Fil*.).
sanguinis Mans. 1892b, 79, for *sanguinis hominis*.—1892: *Fil*. [See *sanguinis* Ben.]
sanguinis ægyptiaca (Sons., 1875) Brumpt, 1910a, 901.—1910: *Fil*.
sanguinis ægyptiaca nocturna (Mans., 1891) Brumpt, 1910a, 901.—1891: *Fil*.
sanguinis canis Pease, 1901c, 136, t. h. dog; India.—901: *Fil*.
sanguinis coracis Braun, 1883a, 183.—1883: *Fil*.
sanguinis corvi Sons., 1896m, 448, t. h. *Corvus cornix*; Egypt.—1896: *Fil*.
sanguinis diurna (Mans., 1891) Linst., 1900c, 76.—1891: *Fil*.
sanguinis equi Martini, 1903e, 351, t. h. Barbapony; Berl., from Togo.—1908: *Fil*.
sanguinis equi Sons., 1876 [nv.], t. h. *Equus cab*; Egypt.—1876: *Fil*. 1911: *Microfil*.
sanguinis equi africani Martini, 1903s, 351, t. h. Barbapony; from Togo: Berl. Zool. Gard.—1903: *Fil*.
sanguinis hominis Lancet, Lond., 1872, 310, based on Lewis, t. h. *Homo*; Calcutta.—1872: *Fil*. 1877: *Filariu*. 1884: *Filoria*.
sanguinis hominis of Magal., 1892h, 513, see *magalhãesi*.—1892: *Fil*.
sanguinis hominis ægyptiaca Sons., 1874 or 1875 [nv.]; in Fayrer, 1876, 284, t. h. *Homo*; Egypt.—1874, 1875 or 1876: *Fil*.
sanguinis hominis bancrofti Author?; Stiles, 1907b, 44.—1907: *Fil*.
sanguinis hominis diurna Mans., 1891e, 342, t. h. *Homo*; W. Coast of Africa.—1891: *Fil*.
sanguinis hominis ægyptiaca Fayrer, 1876, 552; 1879b, 189; for *F. s. h. ægyptiaca*.—1876: *Fil*.
sanguinis hominis major Mans., 1891b, 4, t. h. *Homo*; Congo.—1891: *Fil*.
sanguinis hominis minor Mans., 1891b, 4, t. h. *Homo*; Congo.—1891: *Fil*.
sanguinis hominis nocturna Mans., 1891f, 734, t. h. *Homo*.—1891: *Fil*. 1896: *Trichina*.
sanguinis hominis nocturnæ Henry, 1896g, 667, t. h. *Homo*; for *s. h. nocturna* (*Fil*.).
sanguinis hominis nocturnus Johnstone, 1903a, 34, t. h. *Homo*; for *s. h. nocturna* (*Fil*.).
sanguinis hominis oris (Leidy, 1850f) Cast. & Chalm.; 1913, 524, lapsus for *hominis oris* (*Fil*.).
sanguinis hominis perstans Mans., 1891f, 734, t. h. *Homo*; W. Coast of Africa.—1891: *Fil*.
sanguinis hominum Hall, 1885a, 40, for *sanguinis hominis* (*Fil*.).
sanguinis hominum ægyptiaca Fayrer, 1876, 552 for *F. s. hominis ægyptiaca*.—1876: *Fil*.
sanguinis humani La Clínica de Málaga, 1883, 309, for *sanguinis hominis* (*Fil*.).
sanguinis immitis (Leidy, 1858) Vet. J., 1886, 230.—1858: *Fil*.
sanguinis nocturna (Mans., 1891) Daniels, 1904, 16.—1904: *Fil. hosminis*.

- sanguinis nocturna* (Mans., 1891) Vichery, 1901, 206.—1901: Fil.
sanguinis perstans (Mans., 1891) Fagge & Pye-Smith, 1902, 474.—1902: Fil.
sanguinolenta Brit. M. J., teste Cobbold 1878c 366, in *Homo*.—1878: Fil.
sanguinolenta Rud., 1819a, 27, t. h. *Canis lupus*; Berl.—1819: Spiropt. 1866: Fil.
 1912: Spirura. [1911: Spirocera, tod.] 1913: Spirocera.
sanguinolentum Linst., 1880a, 46, t. h. *Strix flammea*; by Linst.—1880: Angiost.
sanguis hominis (Lancet, 1872) Gwynn, 1889a, 43, for *sanguinis hominis* (Fil.).
sanguinea Krøyer, 1846-53a, 320, for *sanguinea* (Fil.).
saracuræ M. C. V. in Mol., 1860b, 942.—1860: Spiropt.
sarasinorum Meyer, 1896b, 62, t. h. *Stenops gracilis*; Ceylon.—1896: Fil. 1914: Subulura.
saturniæ Dies., 1851a, 136, t. h. *Saturnia pyri*; Dugès, 1826.—1851: Vibrio. 1851: Fil. 1851: Anguillula.
saturniæ-pyri Dies., 1851a, 102, t. h. *Saturnia pyri*; by Parreyss.—1851: Fil. 1851: Gord.
satyri Chatin, 1877, 387, t. h. Orang-Outang; Mus. Par., from Borneo.—1877: Asc.
sauri Rud., 1819a, 59, t. h. *Osmerus saurus*; Nap.—1819: Asc.
scaldensis Man, 1889b, 9; Zealand.—1889: Desmodora.
scalopis-canadensis Leidy, 1851a, 156, t. h. *Scalops canadensis*; Ing. [U. S. A.]—1851: Spiropt.
scalprum Linst., [1907: 258, nomen nudum]; 1908, 26, t. h. *Raphicercus campestris*; Africa.—1907: Fil. 1908: Fil. 1911: Setaria.
scandens Schneid., 1866a, 162, s. tritici, t. h. *Triticum vulg.*; Europe.—1866: Anguillula. 1867: Tylenchus. 1909: Tilenchus.
scapiceps Leidy, 1886e, 308, t. h. *Lepus sylvaticus*; U. S. A.—1886: Fil.
scarabæi Bosc, 1802a, 49, t. h. scarabe des bouses.—1802: Fil.
schachtii Pratt, 1916a, 217, for *schachtii* (Heterodera).
schachtii Schmidt, 1871a, 1, in sugar beets; Germany.—1871: Heterodera, mt. 1880: Tylenchus. [1896: Heterobolbus, type.]
schebeni Linst., 1909, 448, t. h. *Cynictis penicillata*; German S. W. Africa.—1909: Het. 1913: Subulura.
schizorhinos Ringenbach, 1914, 298, t. h. *Schizorchis* [*Schizorhinos*?] *cristata*; Congo.—1914: Microfil.
schmidtii Hall, 1916a, 33, for *schmidtii* (Cap.).
schmidtii Linst., 1874c, 283, t. h. *Mus decumanus*.—1874: Trichosoma. 1915: Cap. (Cap.).
schneideri Büetsch., 1873a, 116, in faulenden Pilzen; by Büetsch.—1873: Rhabditis.
schneideri Büetsch., 1874b, 278; Austernbanke bei Sylt.—1874: Thoracost.
schneideri Man, 1880a, 48, in moist soil.—1880: Plectus.
schneideri Stoss., 1897b, 34, t. h. *Falco subbuteo*; Berl.—1897: Fil.
schneideri Villot, 1875a, 464; Roscoff.—1875: Spira.
schneideri Villot, 1875a, 466; Kiel.—1875: Leptosomatum.
shyplei Skrj., 1916, 535, for shipleyi (*Gnathost.*).
sciænæ Rud., 1819a, 58, t. h. *Sciæna umbra*; Spezia.—1819: Asc.
sciænæ Rud., 1819a, 80, t. h. *Sciæna aquila*; Nap.—1819: Echinor.
sciænæ-umbra Rud., 1819a, 194, t. h. *Sciæna umbra*; Nap.—1819: Dubium.
scillicola Ben., 1871a, 6, t. h. *Mustelus vulg.*; Belgium.—1871: Coronilla. 1901: Spiropterina.
sciuri Hall, 1916a, 66, t. h. *Sciurus atrodorsalis*; Kokarit.—1916: Oxyuris.
sciuri Linst., 1903k, 116, t. h. *Sciurus caniceps*; Aring, Kelautan, Siam.—1903: Fil.
sciuri M. C. V. in Mol., 1858c, 381, t. h. *Sciurus igniventris*; Marabitanas.—1858: Fil. [1858: F. pistillaris.]
sciuri Par., 1893a(b), 118(17), t. h. *Sciurus melanogaster*; Mentawai Isl.—1898: Physalopt.
scaprum Linst., 1907, 267, misprint for *scalprum* (Fil.).
sclerostomum Mol., 1861a(b), 566 (142), t. h. *Ciconia nigra*; teste Crep.—1861: Syngamus.
scoleciformis Dies., 1851a, 208, t. h. *Dasytus uncinatus*, etc.; Brazil.—1851: Aspidoc., mt. 1912: Aspidodera, tod.
scolopacidis Kostylev, 1916, 390, t. h. *Scolopax* sp.; lac Sankoul, Pichpek.—1916: Prosthof.
scolopacis Mol., 1860b, 985, t. h. *Scolopax limosa*; M. C. V.—1860: Spiropt.
scomberi Viborg, 1795, 243 [nv.]; Rud., 1809a, 312; t. h. *Scomber*.—1795: Echinor.
scomberi-colia Rud., 1819a, 195, t. h. *Scomber colias*; Nap.—1819: Dubium.
scomberi-sardæ Rud., 1819a, 195, t. h. *Scomber sarda*; Nap.—1819: Dubium.
scomberi-scomberi Rud., 1819a, 195, t. h. *Scomber scomber*; Nap.—1819: Dubium.

- scombrorum* Dies., 1851a, 121, t. h. *Pelamys sarda*, *Scomber colias*; Nap.—1851: Agamonema.
- scombrorum* Stoss., 1892, 71, t. h. *Scomber colias*; Trieste.—1892: Asc.
- scopis* Gmel., 1790a, 3045, t. h. *Strix scopis*; Gœze, 1782a.—1790: Echinor.
- scorpæna* Rud., 1819a, 57, t. h. *Scorpæna scrofa*; Rimini.—1819: Asc.
- scorpæna* Rud., 1819a, 79, t. h. *Scorpæna scrofa*; C. E. V.—1819: Echinor.
- scorpæna-cirrhosa* Dies., 1851a, 120, t. h. *Scorpæna cirrhosa*; Rimini.—1851: Agamonema. 1896: Asc. 1887: Ag. (Asc.).
- scorpæna-massiliensis* Rud., 1819a, 193, t. h. *Scorpæna massiliensis*.—1819: Dubium.
- scotti* Leiper & Atkinson, 1914, 223, t. h. *Diomedea melanophrys*; Antarctic.—1914: Kathleena.
- [*scudato* Reiner, 1807, pl. 6 [nv.]; Brems., 1819a, 8; Adriatic.—1807: Echinor.]
- scutata* Leuck. 1873b, 556 (144), t. h. *Bos taurus*; Wien.—1873: Fil. 1878: Spiropt. 1892: Gongylonema. 1892: Myzomimus, tod. 1901: Gongylomene. 1910: Misonunus.
- scutata bovis* Züern, 1882, 249.—1882: Spiropt.
- scutata esophagea bovis* Perronc., 1882a, 331, see *scutata*.—1882: Fil. 1882: Spiropt.
- scutata esophagea bovis* Müell., 1869b, 303, t. h. *Bos taurus*; Wien.—1869: Spiropt.
- scutata esophagea bovis-tauri* see *S. æ. bovis* (Spiropt.).
- scutata asophagea bovis* Müell., 1869a, 127, for *s. o. b.-tauri*, t. h. *Bos taurus*; by Müell.—1869: Spiropt. 1894: Fil.
- scutata oseophagea* Skrz., 1909, 815, for *scutata* (Spiropt.).
- scutata esophagea bovis-tauri* Müell., 1869a, 129, for *s. o. bovis* (Spiropt.).
- scutata esophagi bovis* Fiebiger, 1912, 239, for *s. esophagea b.* (Spiropt.).
- scymni-glacialis* Dies., 1861a, 725, t. h. *Læmargus borealis*; Ostendæ, teste Ben.—1861: Nematodum. 1878: Nematodeum.
- secalis* Nitschke, 1868, 901, in plants.—1868: Anguillula. 1880: Tylenchus.
- secretoria* Linst., 1906, 166, t. h. *Plotus melanogaster*; Wirawila.—1906: Spiropt.
- secunda* Schrank, 1790a, 120, t. h. *Perca vulg.*; teste Schrank.—1790: Asc. 1803: Fus.
- sedecimradiatus* Linst., 1899b, 19, t. h. *Cavia paca*; Ypanema, Brazil.—1899: Str.
- sedecimradiatus* Trav., 1914, 326(6), misprint for *sedecimradiatus* (Str.).
- segmentatus* Marval, 1902a, 423, t. h. *Numida ptilor.*; Coll. Par.—1902: Echinor.
- seguini* Mathis & Léger, 1909, 407, t. h. poule; Hanoi.—1909: Microfil. 1912: Fil.
- semermis* Forssell, 1904, 175, t. h. *Phoca fetida*.—1904: Echinor. 1911: Corynosoma.
- semimarmatum* Mol., 1861a, 442 (18), t. h. *Canis vulpes*; Greifsw., M. C. V.—1861: Crenosoma.
- semicircularis* Mol., 1861a(b), 469(45), t. h. *Dicotyles torquatus*; Caïcaro, M. C. V.—1861: Monodontus, tsd. 1897: Unc. 1910: Eumonodontus, tod.
- semilanceolata* Mol., 1858d, 144, t. h. *Mus musculus*; Padua.—1858: Oxyuris.
- semilanceolata* Mol., 1860d, 659, t. h. *Nasua narica*; Brazil.—1860: Physalopt.
- semilunaris* Linst., 1906, 94, in pond; Korea.—1906: Gord.
- semilunaris* Mol., 1860b, 936, t. h. *Trogon collaris*, *T. melanurus*; Brazil.—1860: Spiropt. 1914: Cyrnea.
- semimembranosa* Schneid., 1866a, 83.—1866: Fil.
- semipenetrans* Cobb, 1913, 287, on citrus roots; Cal.—1913: Tylenchulus, tod.
- semiteres* Zed., 1800a, 21, t. h. *Tringa vanellus*; by Rud.—1800: Fus. 1802: Asc.
- semiteres* Zed., 1803a, 61, t. h. *Gallus dom.*; Ing.—1803: Cap.
- semoni* Linst., 1898a, 471(115), t. h. *Perameles obesula*; Australia.—1898: Echinor. (Gigantor.).
- sentiens* Cobb, 1914, 97(63), sand bar; Plummer's Isl., Potomac River.—1914: Monhystera.
- septangularis* Linst., 1903u, 271, t. h. *Aquila nobilis*; Petrograd Mus.—1903: Asc.
- septentrionalis* Cobb, 1914, 8, Bay; Cape Royds.—1914: Euchromadora.
- septentrionalis* Cobb, 1914, 8, Bay; Cape Royds.—1914: Laxus.
- septentrionalis* Cobb, 1914, 8; Cape Royds.—1914: Spira.
- septentrionalis* Cobb, 1914, 8; Cape Royds.—1914: Monhystera.
- sergenti* Mathis & Léger, 1909, 179, t. h. *Nycticebus tardigradus*; Hanoi.—1909: Fil.
- sergenti* Maupas, 1916, 612, in soil; Alger.—1916: Rhabditis.
- serialis* Baylis, 1916, 289, under stones; Falkland Is.—1916: Stenolaimus.
- serotina* Mol., 1858c, 374, t. h. *Lichenops perspicillata*; Brazil.—1858: Fil.
- serpens* Müell., 1786a, 48.—1786: Vibrio. [1838: Spirulina (Oscillatoria).]
- serpenticola* Linst., 1904u, 678, t. h. *Heterodon platyrhinus*; N. America.—1900: Angiost.
- serpenticola* Linst., 1907, 83, t. h. *Psammodynastes pulverulentus*; Java.—1907: Echinor.
- serpentiformis* A., D., & E., 1901b, 39, t. h. *Cinnerys fuliginosa*; Nigeria.—1901: Fil.
- serpentulus* Dies., 1851a, 221, t. h. *Falco rufipes*, etc.; Brazil.—1851: Spiropt. 1910: Pelecitus.

- serpentulus* Man, 1907, 87; Zealand.—1907: *Desmodora*.
serpentulus Müell., 1773b, 42, in infusione vegetabili; quotes Hill, etc.—1773: *Vibrio*. 1828: *Amblyura*, probably type.
serpentulus Rud., 1809a, 191, t. h. *Ardea cinerea*; by Braun.—1809: *Asc*.
serpentum Gmel., 1790a, 3064, in serpentibus; based on Redi.—1790: *Taenia*. 1803: *Cysticercus*. 1810: *Vermis* (*dubius*). 1819: *Dubium*. 1851: *Nematoideum*.
serpicula Mol., 1858c, 385, t. h. *Phyllost. brevicaudum*, etc.; Brazil.—1858: *Fil*. 1861: *Solenonema*.
serrani Lint., 1901b, 409, t. h. *Centropistes striatus*; Woods Hole.—1901: *Echinor*.
serrani-cabrillæ Dies., 1851a, 120, t. h. *Serranus cabrilla*; Nap.—1851: *Agamonema*.
serrata Cobb, 1914, 8, Bay; Cape Royds.—1914: *Spilophora*.
serrata Drasche, 1884a, 116, t. h. *Vastres cuvieri*; Mus. Wien.—1884: *Asc*.
serrata Linst., 1907, 254, t. h. *Anthropopithecus tschego*, *Troglodytes niger*; Kame-run.—1907: *Spiropt*.
serrata Lint., 1901b, 410, t. h. *Phycis tenuis*; off Nantucket.—1901: *Fil*.
serrata Schneid., 1866a, 67, t. h. *Penelope humeralis*; Brazil.—1866: *Het*. 1914: *Ascaridia*.
serrata Wright, 1879b, 74, t. h. *Coregonus albus*; by Wright.—1879: *Ancyracanthus*. 1896: *Asc*. 1916: *Cystidicola*.
serratus Lane, 1916, 97, t. h. *Tryonix gangeticus*; Coll. Southwell.—1916: *Serradacnitis*, *tod*.
serratus Linst., 1876a, 3, t. h. *Anser dom.*; Ing.—1876: *Str*.
serratus Linst., 1879b, 334, t. h. *Felis dom.*; Coll. Hering.—1879: *Trichoc*. 1911: *Trichuris*.
serratus Looss, 1900c, 191, t. h. *Equus*; Egypt.—1900: *Triodontus*, *tsd*. (1901) 1902: *Triodontophorus*, *tsd*. 1903: *Triodontoporus*, *tsd*.
sesquipedalis Linn., 1771b, 543, *Hedemora Svecicæ sub graminum radicibus*.—1771: *Asc*.
seta Gœze in Müell. 1780b, 140, for *seta stricta nigrescens* (*Asc*). [1780: *Asc. acus*.]
seta Müell., 1774a, 30.—1774: *Gord*.
seta stricta nigrescens Müell., 1780b, 140; in Hechte, etc.—1780: *Asc*.
setartracta nigrescens Müell., 1780c, 204, see *seta stricta nigrescens*.—1780: *Asc*. [1780: *Gord. lacustris*.]
setifera Büetsch., 1873a, 51, an der Wurzeln eines Pilzes; Schwanheimer Wald.—1873: *Tripyla*.
setifera Cobb, 1898a(b), 312(17).—1898: *Zoniolaimus*, *tsd*.
setiferus Cobb, 1893a, 813(36), in soil; N. S. W.—1893: *Tylenchus*. 1913: *Eutylenchus*, *mt*.
setiformis Gœze in Zed., 1800a, 78, t. h. *Rana temp.*; by Gœze.—1800: *Asc*.
setiformis Linst., 1879a, 182, host and loc. unknown.—1879: *Mermis*.
setiger Schneid., 1866a, 179, free; Berl.—1866: *Gord*.
setigera Bast., 1880 (1879), 71, t. h. *Homo*; Eng.—1880: *Pelodera*.
setigerum Villot, 1875a, 466, *Med*.—1875: *Leptosomatum*.
setosa Büetsch., 1874b, 265, free; Kieler Bucht.—1874: *Monhystera*. 1907: *M*. (*Theristus*).
setosa Büetsch., 1874b, 281; Kieler Bucht.—1874: *Spilophora*.
setosum Linst., 1896a, 5, free; St. Jago Bay, etc.—1896: *Leptosomatum*.
setosum Linst., 1907, 471, free; Scotia Bay, S. Orkneys.—1907: *Thoracost*.
setosus Cobb, 1914, 103 (69), on cranberry farm; Arlington, Va.—1914: *Cephalobus*.
seurati Maupas, 1916, 610, on hyacinth bulb; Alger.—1916: *Rhabditis*.
seurati Skrj., 1917, 463, t. h. *Falco cenchris*; Siberia.—1917: *Habronema*.
seychellensis Potts, 1910, 441, in moss; from Seychelles.—1910: *Rhabditis*.
sezalata Mol., 1860b, 957, t. h. *Dicotyles albirostris*, *Sus scrofa fera*; Brazil.—1860: *Spiropt*. 1861: *Physoc*, *mt*. ?1891: *Fil*.
sezalata cristata Seur., 1912, 176, t. h. *dromadaire*; Algeria.—1912: *Spiropt*.
shekletoni A., D., & E., 1901b, 38, t. h. *Cypselus affinis*, *Hyphantornis aurantus*; Nigeria.—1901: *Fil*.
shekletoni Linst., 1907, 267, for *shekletoni* (*Fil*).
shipleyi Cam., 1899, 460, t. h. *Mantis*; Borneo.—1899: *Chord*.
shipleyi Stoss., 1900a, 1, t. h. *Diomedea exulans*; W. Pacific.—1900: *Gnathost*. 1912: *Rictularia*. 1916: *Seuratia*, *tod*.
sialidis Linst., 1892a, 329, t. h. *Sialis lutaria*; Ing.—1892: *Mermis*. 1903: *Agamo-mermis*.
siamensis Cam., 1903, 1; Siam.—1903: *Chord*.
siamensis Levin., 1890a, 323, t. h. *Homo*; Siam.—1890: *Cheiracanthus*. 1893: *Gnathost*. 1903: *Gnathostome*. 1910: *Cheiranthus*.
siamensis Linst., 1903k, 112, t. h. *Centropus sinensis*; Siam.—1903: *Cheilospirura*. 1904: *Oxyspirura*.

- siamensis* Linst., 1903k, 113, t. h. *Liolepis bellii*; Siam.—1903: *Oxyuris*.
sieboldii Koell., 1845b, 88, marine; Messina.—1845: *Lineola*. 1865: *Enoplus*.
sieboldii Pag., 1875, 117; Porto-Pi.—1875: *Echinoderes*.
sigmatoides Cobb, 1917n, 436; U. S. A. & Mexico.—1917: *Mononchus* (*Mylonchulus*).
sigmoidea Rail., 1916, 105, for *sygmoidea* (*Spiropt.*).
sigmoides Linst., 1878a, 100, for *sygmoidea* (*Spiropt.*).
sigmoideus Westrum, 1821a, 15, t. h. *Oriolus galbula*; Wien.—1821: *Echinor*.
silphæ Gmel., 1790a, 3040, t. h. *Silpha obscura*; Gœze, 1782.—1790: *Fil*.
silphæ-obscuræ Dies., 1851a, 92, t. h. *Silpha obscura*; by Gœze, 1782a.—1851: *Gord*.
siluri Gmel., 1790a, 3036, t. h. *Silurus glanis*; by Bloch.—1790: *Asc*. 1803: *Fus*.
siluri Linst., 1878b, 239, t. h. *Silurus glanis*; Ing.—1878: *Asc*. [See *glanidis*.]
siluri-glanidis Rud., 1819a, 196, 567, 800, t. h. *Silurus glanis*; Gœze.—1819: *Dubium*.
1851: *Nematoideum*.
siluri-glanidis Linst., 1883a, 279, t. h. *Silurus glanis*; Turkestan.—1883: *Asc*.
silusæ Man, 1913, 74, in Bierfilzen; Schleusingen.—1913: *Anguillula*.
silvestri Cam., 1895a, 7; Japan, Borneo.—1895: *Chord*.
silvestrii Par., 1896b (c), 111 (4), t. h. *Platyrrhacus modiglianii*, *Sphæropæus hercules*; Sumatra.—1896: *Isacis*. 1916: *Haplacis*, *tod*.
silvestris Man, 1912, 452, in sand in woods; near Breda.—1912: *Dorylaimus*.
simiæ M. C. V. in Mol., 1858c, 418, t. h. *Cebus trivirgatus*; Matogrosso.—1858: *Fil*.
simiæ Rud., 1819a, 27, t. h. *Simia maimon*; by Albers.—1819: *Spiropt*.
[*simiæ* Treutler, 1793a, 26, t. h. *Simia pata*; by Treutler.—1793: *Trichoc*.]
simiæ Zed., 1803a, 70, t. h. *Simiæ pat. et sylvan. intestino cæco*; Treutler, 1793a, 30.—1803: *Mastigodes*.
simiæ-angolæ M. C. V. in Mol., 1861a, 450.—1861: *Str. alatus*.
simiæ-belzebul M. C. V. in Mol., 1858c, 418, t. h. *Cebus caraya*; Brazil.—1858: *Fil*.
simiæ-belzebul M. C. V. in Mol., 1861a, 475 (51), t. h. *Mycetes coraya*; Cajaba.—1861: *Str*. [1861: *Diplodon quadridentatum*.]
simiæ-capucinæ M. C. V. in Mol., 1861a, 502 (78).—1861: *Str*. [1861: *Str. torulosus*.]
simiæ-capucinæ Viborg, 1795a, 235 [nv.]; Mol., 1858c, 376.—1795: *Fil*. 1858: *Fil*. [1858: *Fil. gracilis*.]
simiæ-leukeurin M. C. V. in Mol., 1858c, 380; Brazil.—1858: *Fil*. [1858: *F. nodosa*.]
simiæ-macaco-barrigæ M. C. V. in Mol., 1858c, 386, t. h. *Cebus lagotherix*; Brazil.—1858: *Fil*. [1858: *F. annulata*, *F. torta*.]
simiæ-mydæ Mol., 1858c, 376, quotes Quensel, 1800, 235.—1858: *Fil*.
[*simiæ-patas* Treutler, 1793a, 26, in *Simia pata*; by Treutler.—1888: *Trichoc*.]
simiæ-sabææ M. C. V. in Mol., 1861a, 450 (26).—1861: *Str*.
simile Kowal., 1903b (c), 200 (9), t. h. *Turdus pilaris*.—1903: *Trichosoma*. 1915: *Cap*. (*Cap*).
similis Baird, 1853a, 19, t. h. seal; Antarctic.—1853: *Asc*.
similis Büetsch., 1873a, 62; in the Main, etc., Germany.—1873: *Monhystera*.
similis Büetsch., 1876a, 370, in Mist; Ing.—1876: *Diplogaster*.
similis Cobb, 1893a, 818 (41), roots of sugar cane; N. S. W.—1893: *Mononchus*.
similis Cobb, 1893b, 288 (39), on lettuce; Australia.—1893: *Cephalobus*.
similis Cobb, 1893b, 301 (52), about diseased banana plants; Fiji.—1893: *Tylenchus*.
similis n. sp. Cobb, 1917n, 470, about roots of banana plants; from Paris, France.—1917: *Mononchus* (*Mylonchulus*).
similis Gendre, 1909, lxxxii (10), t. h. *Coracias abyssinicus*, etc.; Labé.—1909: *Het*. 1913: *Subulura*.
similis Gendre, 1913, 110 (5), lapsus for *gracilis* (*Acuaria*).
similis Man, 1876a (b), 107 (30), free; Leiden.—1876: *Dorylaimus*.
similis Southern, 1914a, 47; Blacksod Bay, Ballynakill Harbor.—1914: *Oncholaimus*.
similis Trav., 1914, 3, t. h. *Bos taurus*; Brazil.—1914: *Hæmonchus*. 1914: *Hæmonchus*.
simplex Cobb, 1893a, 830 (51), in soil; N. S. W.—1893: *Rhabditis*.
simplex Cobb, 1894c, 391, coral bank; Bay of Nap.—1894: *Pelagonema*, *mt*.
simplex Cobb, 1914, 85 (51); Big Lake, Fla.—1914: *Alaimus*.
simplex Leidy, 1856b, 54, t. h. *Hystrix dorsata*; [U. S. A.].—1856: *Str*.
simplex Man, 1880a, 9, in moist soil; Holland.—1880: *Monhystera*.
simplex Rud., 1804a, 94 *nomen nudum*; 1809a, 170, t. h. *Delphinus phocæna*; Coll. Albers, Bremen.—1804: *Asc*. 1809: *Asc*.
simplex Rud., 1809a, of Duj., 1845a, 220, t. h. *dauphin*; Maldives.—1845: *Asc*. (*Anisakis*, ?type). [See *dussumerii*.]
simplex Rud., 1809a, 270, t. h. *Trigla gurnardus*.—1809: *Echinor*.
simplex Schneid., 1866a, 82.—1866: *Fil*.
simplicissima Mol., 1858c, 372, t. h. *Psittacus makaonanna*; Brazil.—1858: *Fil*.
simponi Leiper, 1911, 549, in a large rodent; Nigeria.—1911: *Achleilost*, *mt*.

- simulix-reptantis* Dies., 1851a, 111, t. h. *Simulia reptans*; Sieb.—1851: Mermis.
singularis Mol., 1860b, 941, t. h. *Cathartes urubu*; Brazil.—1860: Spiropt.
sipho Rail. & Henry, 1907b, 3, t. h. *Leptonychotes weddelli*; Antarctic.—1907: Corynosoma. 1907: Corynosoma.
sipunculiforme Baird, 1859c, 425, t. h. elephant.—1859: Sclerost. 1914: Cyclicost. 1914: Equinurbia, tod.
sipunculoides Acharius, 1780a, 49, t. h. *Osmerus eperlanus*; by Martin.—1780: Acanthrus, mt.
sipunculus Schrank, 1788a, 25, t. h. Marænen, Quappe.—1788: Echinor.
siredonis Baird, 1858a, 225, t. h. *Siredon mexicanus*; Mexico.—1858: Hedruris.
sjöstedti Cam., 1910, 27; Mt. Méru, German E. Africa.—1910: Parachord.
skorikowi Cam., 1903, 34, t. h. *Mantis*; Ceylon.—1903: Chord.
skutata cesophagea bovis Schneidem., 1896a, 308, for *scutata o. b.* (Fil.).
smaris Rud., 1819a, 58, t. h. *Sparus smar*; C. E. V.—1819: Asc.
smerinthi-tilix Dies., 1851a, 102, t. h. *Smerinthus tilix*; Hope, 1840; Sussex.—1851: Fil. 1851: Gord.
smithi R., H., & B., 1914, 209 for *smithii* 1882 (Spiropt.).
smithi Sambon, 1907m, 304, t. h. *Lagopus scoticus*; High Ardwall Anworth.—1907: Fil.
smithii Cobbold, 1882a, 224, t. h. *Elephas indicus*.—1882: Fil. [1914: Spiropt.]
socialis Büetsch, 1874b, 264; Kiel.—1874: Monhystera. 1912: Monohystera.
socialis Leidy, 1850e, 102, t. h. *Acheta abbreviata*; Ing.—1850: Oxyuris. 1856: Anguillula.
socialis Leidy, 1851a, 156, t. h. *Platessa plana*; Leidy.—1851: Echinor.
socialis Leidy, 1858c, 25, t. h. *Mustela vison*; by Leidy.—1858: Cheiracanthus. 1900: Gnathost.
sokolowi Skrj., 1916, 83, t. h. *Halcyon senegaloides*; Brit. E. Africa.—1916: Diplo-triæna.
solex Porta, 1905a, 160, t. h. *Solea impar*; Portoferraio.—1905: Echinor.
solex Rud., 1819a, 22, t. h. *Pleuronectes solea*; C. E. V.—1819: Cucullanus.
solex Rud., 1819a, 58, t. h. *Pleuronectes solea*; C. E. V.—1819: Asc. [1845: Dacnitis esuriens.]
solitaria Leidy, 1856b, 56, t. h. *Chelonura serpentina*, *Emys serrata*; Georgia.—1856: Fil.
solitaria Linst., 1903k, 109, t. h. *Dipsadomorphus dendrophilus*; Siam.—1903: Asc.
solitarius Mol., 1858 (1859e), 295, t. h. *Conger conger*; Padua.—1858: Echinor. [1907: Echinoma.]
songeri Rail., 1899g, 345, misprint for *sangeri* (Unc.).
sonsinoi Linst., 1894g, 733, t. h. *Chamæleo vulg.*; N. Africa.—1894: Het. 1917: Strongyluris.
sonsinoi Linst., 1895a, 525, t. h. *Agama mutabilis*; Pisa.—1895: Physalopt.
sonsinoi Par., 1897c (d), 382 (3), t. h. *Zamenis viridiflavus*; Pisa.—1897: Trichosoma. 1915: Cap.
soricis Rud., 1819a, 76, t. h. *Sorex araneus*; C. E. V., Wien.—1819: Echinor.
soricis-aranei Crep., 1844a, 131, t. h. *Sorex araneus*; by Crep.—1844: Nematodeum.
soricis-tetragonuri Crep., 1844a, 121, t. h. *Spitzmaus*; Leuck., 1842.—1844: Asc.
spari Rud., 1819a, 22, t. h. *Sparus mæna*; C. E. V.—1819: Cucullanus.
spari-alcedinis Rud., 1819a, 194.—1819: Dubium.
spari-auratæ Rud., 1819a, 11, t. h. *Sparus aurata*; C. E. V.—1819: Fil.
spari-boopis Rud., 1819a, 194.—1819: Dubium.
spari-melanuri Rud., 1819a, 194.—1819: Dubium.
spari-mormyri Rud., 1819a, 194.—1819: Dubium.
spari-(spicræ) Par., 1894a, 216, for *spari-spice* (Asc.).
spari-spice Rud., 1819a, 58, t. h. *Sparus spice*; Nap.—1819: Asc.
spatroidum Dies., 1851a, 119, t. h. *Box vulg.*, etc.; Europe.—1851: Agamonema. 1887: Asc.
sparsus Cobb, 1917n, 438, in sphagnum from greenhouses; Wash., D. C.—1917: Mononchus (Mylonchulus).
spathiger Rail., 1896m, 490, t. h. *Camelus dromedarius*; Alfort.—1896: Str. 1909: Nematodirus.
spathulum Leuck., 1876, 871, for *spatulum* Rud., 1819.—1876: Dist. 1894: Dracunculus [lapsus].
specifica Lowenstein, 1911, 750.—1911: Trichodes crassicauda.
speciosus Ben., 1873b, 19, t. h. *Vespertilio daubentonii*, etc.; Belgium.—1873: Trichosoma. 1915: Cap. (Cap.).
speciosus Janda, 1893a, 597; Krakau Mus.—1893: Gord.
spectabile Mar., 1870a, 20, marine; Endoume.—1870: Euryst. tsd.

- spectabilis* Ditlevsen, 1912, 224, from meadow; near Oeresund.—1912: Mononchus.
1916: Prionchulus.
- speculigera* Desmonceaux, 1868a, 11, misprint for spiculigera (Asc.).
- spelæa* Leidy, 1875b, 17, t. h. Australian wallaby; Zool. Gard., Phila.—1875: Fil.
1911: Setaria.
- spengelii* Man, 1912, 439, in Rostkastanie; Greiz.—1912: Diplogasteroides, mt.
- spengelii* Man, 1912, 456, in sand around roots of Erica; near "Bergen op Zoom."—
1912: Dorylaimus.
- spermospizæ* Linst., 1879a, 171, t. h. Spermospiza guttata; by Linst., Ing.—1897:
Fil. 1916: Diplotriæna.
- sphæcodis* Dufour, 1837g, 8 t. h. Sphecodes gibbus; Ing.—1837: Fil.
- sphæricus* Rud., 1802a, 62, t. h. Cottus scorpius; by Rud.—1802: Echinor.
- sphærocephala* Rud., 1809a, 188, t. h. Accipenser sturio; by Rud.—[1779: Pleurorin-
chus, type. 1789: Pleurorincus.] 1809: Asc. 1819: Ophiost. [1824: Pleuro-
rincus, type.] 1845: Dacnitis. 1866: Het.
- sphærocephalus* Brems. in Rud., 1819a, 598, t. h. Larus, Hæmatopus ostralegus; Brazil.—
1819: Echinor.
- [*sphærocephalus* in Salmon & Stiles, 1898b, 15, lapsus for Trichodectes sph. (Trichoc.).]
sphæropæi Par., 1898a (b), 115 (14), for sphæropæi (Oxyuris).
- sphærophora* Mol., 1858c, 401, t. h. Anabates anthoides, Muscicapa lophotis; Brazil.—
1858: Fil.
- sphæropæi* Par., 1896b (c), 110 (3), t. h. Sphæropæus hercules; Sumatra.—1896:
Oxyuris.
- sphærus* Baird, 1853a, 112; Khasyan Hills, India.—1853: Gord.
- sphærus* Baird of Cam., 1891b, 131; India.—1891: Gord.
- sphæcodis-gibbi* Dies., 1851a, 99, t. h. Sphecodes gibbus; by Duf.—1851: Fil. 1851:
Gord.
- spherura* Baird, 1853a, 112; India.—1853: Gord.
- sphingis-euphorbiæ* Dies., 1851a, 102, t. h. Sphinx euphorbia; Gœze, 1782a.—1851: Fil.
1851: Gord.
- sphingis-ligustri* Dies., 1851a, 102, t. h. Sphinx ligustri; by Rossi.—1851: Fil.
1851: Gord.
- sphodri-leucophthalmi* Dies., 1851a, 90, t. h. Sphodrus leucophthalmus; Gr. Brit.—
1851: Fil. 1851: Gord.
- sphyrænæ* Linst., 1878a, 229, for sphyrænæ-spet, t. h. Sphyræna vulg.—1878: Nema-
toideum.
- sphyrænæ* Rud., 1809a, 314, t. h. Argentina sphyrænæ; Redi, 1708.—1809: Echinor.
- sphyrænæ-spet* Rud., 1819a, 196, 567, 800, t. h. Sphyræna spet; Nap.—1819: Dubium.
1851: Nematoidium.
- sphyranuræ* Linst., 1906, 1, t. h. Sphyranura barracuda; Tasmania.—1906: Asc.
- spicæ* Dies., 1851a, 200, t. h. Sparus spicæ; Nap.—1851: Asc.
- spicularia* Neum., 1909, 544, t. h. ostrich; Cape Colony.—1909: Fil.
- spiculatus* Cobbold, 1861e, 123, t. h. Tinamus sp.; Lond. Zool. Gard.—1861: Str.
- spiculatus* Romanovitch, 1915, 451, t. h. Tafandus rangifer; Tobolsk.—1915: Microc.
longissime, tod.
- spiculifera* Shipley, 1905k, 97, for spiculigera (Asc.).
- spiculigera* Rud., 1809a, 168, t. h. Pelecanus onocrotalus; by Jurine.—1809: Asc.
1912: Contracæcum, tod.
- spinicauda* Duj., 1845a, 143, t. h. Lacerta muralis; St. Malo.—1845: Oxyuris. 1851:
Asc.
- spinicauda* Olfers in Rud., 1819a, 40, t. h. Lacerta teguixin; Brazil.—1819: Asc.
1914: Het.
- spinifera* Schneid., 1866a, 83, t. h. Scolopax gallinula.—1866: Fil. [1912: Echinuria.]
- spinifera* (Rud. or Schneid.) Soloviev, 1912, 112.—1912: Echinuria.
- spinigerum* Owen, 1836f, 123, t. h. Felis tigris; by Owen.—1836: Gnathost. mt.
- spinosa* Büetsch, 1874b, 273, in sand; Kieler Bucht.—1874: Anoplost. 1889: Axono-
laimus, tsd.
- spinossisimus* Shipley & Hornell, 1905b, 54, t. h. Myliobatis aquila; Gulf of Manaar.—
1905: Cheiracanthus.
- spinosum* Southern, 1914a, 60; Clew Bay.—1914: Chætosoma.
- spinosum* Will.-Suhm, 1869a, 473, t. h. Brachyotus mystacinus; Berchtesgaden.—
1869: Ophiost.
- spinosus* Kaiser, 1893a, 2; Florida.—1893: Echinor.
- spinosus* Panceri, 1878, 7, marine.—Echinoderes.
- spinosus* Reinhard, 1881, 590; Odessa.—1881: Echinoderes.
- [*spinosus* Traill, 1874a, 155, misprint for Echinorhinus spinosus, a shark—1874:
Echinor.]
- spinosus* Van Cleave, 1916, 223, t. h. Herodias egretta; by Hass.—1916: Centror.

- spinuliferum* Baird, 18—, [nv.]; Cobbold, 1879b, 393.—1879: Sclerost.
- spinulosa* Dies., 1839a, 227, t. h. *Sudis gigas*; Borba.—1839: *Lecanoc.*, mt. 1915: *Goezia*.
- spinulosa* Mol., 1860e, 350, t. h. *Glareola austriaca*; M. C. V.—1860: *Fil.* 1916: *Schistorophus*.
- spinulosum* Linst., 1890d, 185, t. h. *Fuligula ferina*; Ing.—1890: *Trichosoma*. 1915: *Cap.* (*Thominx*).
- spinulosus* Linst., 1879b, 331, t. h. *Capra ibex*; Ing.—1879: *Str.* (? *Eucyathost.*). 1899: *Sclerost.* 1909: *Eucyathost.*
- spira* Dies., 1851a, 34, t. h. *Cathartes aura*, etc.; Brazil.—1851: *Echinor.* 1892: *Gigantor.* 1915: *Oligacanthor.*, tod.
- spirale* Mol., 1857a, 217, t. h. *Cervus dama*; M. C. V.—1857: *Gongylonema*.
- spirale* Mol., 1858 (1859e), 301, t. h. *Ibis falcinellus*; Padua.—1858: *Trichosoma*. 1915: *Cap.*
- spiralis* Mol., 1858d, 153, t. h. *Phasianus gallus*; Padua.—1858: *Disph.* 1912: *Acuaria*. 1916: *Acuaria* (*Dispharynx*).
- spiralis* Baird, 1853a, 35, t. h. grasshopper; Rio Janeiro.—1853: *Mermis*.
- spiralis* Cobb, 1893b, 293 (44), about bases of carrot leaves; Australia.—1893: *Dorylaimus*.
- spiralis* Dies, 1851a, 231, t. h. *Alca torda*, *Larus maximus*, etc.—1851: *Histioc.*
- spiralis* Dies., 1861a, 604, t. h. *Decticus albifrons*; Sicilia.—1861: *Gord. tricuspidatus*.
- spiralis* Linst., 1908, 27, free; Luderitzbucht, Africa.—1908: *Oncholaimus*.
- spiralis* Micol., 1913, 116, in fresh water; Ostalpen.—1913: *Teratoc.*
- spiralis* Mol., 1860b, 947, t. h. *Bradypus didactylus*; Brazil.—1860: *Spiropt.* 1879: *Fil.* 1897: *Oxyspirura*.
- spiralis* Mol., 1860e, 339, t. h. *Picus comatus*; Brazil.—1860: *Asc.*
- spiralis* Oerley, 1882b, 312, t. h. *Heiloporus albopunctatus*; Brit. Mus., from Australia.—1882: *Fil.*
- spiralis* Owen, 1835a, 315, t. h. *Homo*; Lond.—1835: *Trichina*, mt. 1840: *Trichine*. [1840: *Trichinus*.] 1895: *Trichinella*, mt. 1903: *Trichinia*.
- spiralis* Rud., 1795a, 11, t. h. *Strix aluco*; by Rud.—1795: *Asc.* 1803: *Fus.* 1809: *Asc.*
- spiralis* Rud., 1809a, 273, t. h. *Ardea minuta*; by Nitzsch.—1809: *Echinor.*
- spiralis* Schneid., 1866a, 60, t. h. *Amphisbæna* sp.; Brazil.—1866: *Physalopt.*
- spiralis* Seur, 1915, 280, t. h. *Bubulcus lucidus*; Alger.—1915: *Tropidocerca*. 1915: *Tetrameres* (*Microtetrameres*).
- spiralis avium* A., D., & E., 1901b, 26, t. h. *Cinnyris fuliginosa*, etc.; Nigeria.—1901: *Fil.*
- spiralis avium major* A., D., & E., 1901b, 31, t. h. *Hyphantornis aurantius*, etc.; Nigeria.—1901: *Fil.*
- spiralis columbæ* Bridrè, 1910, 38, in pigeon; Tunis.—1910: *Disph.*
- spiralis hominis* Kræmer, 1853a, 294 for *spiralis* (*Trichina*).
- spiraloïdes* Micol., 1913, 117, in fresh water; Ostalpen.—1913: *Teratoc.*
- spiriferus* Cobb, 1914, 107 (73); Potomac River, Wash., D. C.—1914: *Aphanolaimus*.
- spirillum* Müell., 1786a, 49, in infusione *Sonchi arvensis*.—1786: *Vibrio*. [1838: *Spirillum*, tat.]
- spirillum* Pall., 1781a, 111, t. h. *Lacerta apoda*.—1781: *Tænia*. 1828: *Mastigodes*. 1828: *Trichoc.*
- spirillum* Trav., 1917, 100 (in *Mus decumanus*).
- spirocauda* Leidy, 1858a, 112, t. h. *Phoca vitulina*; by Wyman; Ing.—1858: *Fil.*
- spirogyrus* Leuck., 1867b, 137, t. h. *Mus sylvaticus*; Germany.—1867: *Str.* [1916: *Viannia polygyra*.]
- spirotheca* Gyery, 1856a, 327 (2), t. h. *Hydrophilus piceus*; Wien.—1856: *Oxyuris*. 1857: *Pseudonymus*, mt. 1859: *Asc.* 1861: *Ptychoc.*, mt. 1878: *Oxyuris* (*Helicotherix*, tsd.).
- spirula* Ehrenb. in Hempr. & Ehrenb., 1828a, (*Hyrax*) unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: *Physalopt.*
- spirula* Olfers in Rud., 1819a, 63, t. h. *Simia rosalia*; Brazil.—1819: *Echinor.* 1909: *Gigantor.*
- spirurum* Cobb, 1914, 8; Cape Royds.—1914: *Austronema*, mt.
- spirurus* Cobb, 1914, 38.—1914: *Aphanolaimus*.
- splenæcum* Duj., 1843a, 332, t. h. *Sorex araneus*; Rennes.—1843: *Trichosoma*. 1845: *Calodium*. [1915: *Cap.* (*Cap.*).]
- splenæcum* Dies., 1851a, 255, for *splenæcum* 1845, t. h. *Sorex araneus*; Rennes.—1851: *Trichosomum* (*Calodium*). 1915: *Cap.* (*Cap.*).
- splendida* Hall, 1913, 73, t. h. *Canis nebracensis*; Colo.—1913: *Rictularia*.
- splenæcum* Schneid., 1866a, 313, for *splenæcum*.—1866: *Trichosoma*. 1889: *Calodium*.

- spumosa* Schneid., 1866a, 77, t. h. *Mus decumanus*; Berl.—1866: Het. 1917: *Ganguleterakis*.
- squali* Duj., 1845a, 272, for *squali-galei*, t. h. *Squalus galeus*; Venice, Paris.—1845: *Dacnitis*. 1851: *Cucullanus*. 1861: *Dacnitis*. 1887: Het. 1916: *Serradacnitis*.
- squali* Duj., 1845a, 272, t. h. *Squalus galeus*; Mus. Wien & Par.—1845: *Dacnitis*.
- squali* Gmel., 1790a, 3037, t. h. *squalo globerrima*; Redi.—1790: Asc. 1803: *Fus*.
- squali-catuli* Rud., 1810a, 272, t. h. *Squalus catulus*.—1810: *Vermis* (dubius). 1819: *Dubium*. 1851: *Nematoideum*.
- squali-galei* Duj., 1845a, 253, t. h. *Squalus galeus*; Mus. Wien.—1845: *Cucullanus*.
- squalii* Linst., 1908, 5, t. h. *Squalius schmidtii*.—1908: Asc.
- squalorum* (*sanguinis*) Dies., 1861a, 725, t. h. *Mustelus lævis*; Sardinia.—1861: *Nematodum*.
- squalorum* Linst., 1878a, 279, for *squalorum* (*sanguinis*), t. h. *Mustelus lævis*; Sardinia.—1878: *Nematodum*. 1885: *Nematoideum*.
- squamata* Linst., 1883a, 287, t. h. *Phalacrocorax carbo*; Turkestan.—1883: *Fil*. 1891: *Disph*. 1912: *Acuaria* (*Hamannia*).
- squamata* Linst., 1909, 63, t. h. *Clemmys guttata*; Offenbourg.—1909: *Hedruris*.
- squamosa* Cobb, 1913, 437, in roots of Mango; Bangalore, India.—1913: *Iota*, tod. 1917: *Jota*. 1917: *Hoplolaimus*.
- stagnalis* Bast., 1865c, 97, in mud; Falmouth & Easthampstead.—1865: *Monhystera*, probably type. 1909: *Monhystera*.
- stagnalis* Daday, 1897, 112, free; Balaton.—1897: *Cephalobus*.
- stagnalis* Duj., 1845a, 231, t. h. *Cyprinus carpio*, *Gasterosteus lævis*; Rennes.—1845: *Dorylaimus* probably type.
- stecki* Steiner, 1914, 428; bei Arosa, Switz.—1914: *Tylencholaimus*.
- stellaris* Mol., 1858d, 143, t. h. *Anas boschas*; Padua.—1858: *Echinor*.
- stellatus* Linst., 1906, 244; Ruedersdorf, Mark Brandenburg. Predazzo in Tirol.—1906: *Gord*.
- stellæ-pollaris* Par., 1901g, 1, t. h. *Fulmarus glacialis*; by Par.—1901: *Histioc*. 1916: *Streptocara*.
- stellionis* Chatin, 1876a, 802, t. h. *Stellio vulg*; Paris.—1876: *Spirura*.
- stelmioides* Vessicelli 1910, 304, t. h. *Petromyzon planeri*; Sarno.—1910: *Dacnitis*.
- stenocephalus* Giles 1892, 194 misprint for *stenoc*. (*Dochmius*).
- stenocephala* Rail. & Henry, 1907b, 2, t. h. *Leptonychotes weddelli*, *Stenor. leptonyx*; Booth-Wandel, Antarctic.—1907: Asc.
- stenocephalus* Rail., 1884i (k), 452, t. h. (*anis* fam.; Alfort.—1884: *Dochmius*. 1885: *Unc*. 1888: *Ankylostoma*. [1888: *Ancylostoma*.] 1889: *Ankylostomum*. 1898: *Anchylostomum*.
- stenodon* Duj., 1845a, 234, in water among algae; Lorient.—1845: *Enoplus*.
- stenosoma* Man, 1907, 229, free; Ierseke.—1907: *Monhystera*.
- stenuvus* Cobb, 1914, 73(39), in roadside pool; Douglas Lake, Mich.—1914: *Prismatolaimus*.
- stephanostoma* Joerdens, 1802a, 29, t. h. *Homo*; by Bretschneider.—1802: Asc. [*Stephanost.*, type.]
- stephanostomum* Stoss., 1904b, 2, in gorilla; by Shipley; Mus. Cambridge.—1904: *Oesophagost*.
- stephanostomum dentigerum* (Rail. & Henry, 1906) Rail. & Henry, 1909, 645.—1906: *Oesophagost*.
- stephanostomum thomasi* Rail. & Henry, 1909, 645, t. h. *Homo*; Amazon, Brazil.—1909: *Oesophagost*.
- stercoracea* D'Allocco, 1894, 523, s. intestinale, see *stercoralis*.—1894: *Anguillula*. [1894: *Anguillula*.]
- stercoralis* Bayay in Normand, 1876a, 316, t. h. *Homo*; Toulon, from Cochinchina.—1876: *Anguillula*. 1876: *Rhabditis*. 1879: *Leptodera*. [1879: *Strongyloides*, type.] 1880: *Pseudorhabditis*, mt. 1902: *Strongyloides*, type. 1903: *Rhabdonema*. 1904: *Str*. 1909: *Anguillulæ*. [1915: *Anguillule*.]
- stereura* Rud., 1819a, 23, t. h. *Falco nævius*; M. V.—1819: *Spiropt*. 1904: *Oxy-spirura*. 1910: *Thelazia*.
- sterkorals* Schneidem., 1896, 305, for *stercoralis* (*Anguillula*).
- sternæ* Linst., 1909, 53, for *sternæ-hirundinis*, t. h. *Sterna hirundo*.—1909: Asc.
- sternæ* Rud., 1819a, 10, t. h. *Sterna leucopareia*; C. E. V.—1819: *Fil*.
- sternæ* Rud., 1819a, 29, t. h. *Sterna hirundo*; Greifsw.—1819: *Spiropt*.
- sternæ* Rud., 1819a, 55, t. h. *Sterna nigra*; Rimini.—1819: Asc. 1909: *Agamonema*.
- sternæ* Rud., 1819a, 78, t. h. *Sterna cantiaica*; C. E. V.—1819: *Echinor*.
- sternæ-hirundinis* Dies., 1851a, 193, t. h. *Sterna hirundo*; Ireland.—1851: Asc.
- sternæ-nigræ* Dies., 1851a, 193, *sternæ* 1819 renamed, t. h. *Sterna nigra*; Rimini.—1851: Asc.

- steropodis-madidi* Dies., 1851a, 90, t. h. *Feronia madida*; Gr. Brit.—1851: Fil. [1851: Gord.]
- stictodora* Stoss., 1902e, 5, t. h. *Dentex gibbosus*; Genova.—1902: Asc.
- stigmatura* Leidy, 1886e, 309, t. h. *Salvelinus namaycush*; Lake Superior.—1886: Fil. 1917: Cystidicola.
- stomachalis* Schlotthauber, 1860a, 124, t. h. birds; by Schlotth.—1860: Fil.
- stomoxeos* Linst., 1875a, 195, t. h. *Stomoxys calcitrans*; Grœnau.—1875: Fil. [1903: F. labiato-papillosa.] 1916: Spiropt.
- stossichi* Setti, 1897b, 46, t. h. *Hystrix cristata*; Massua.—1897: Oxyuris.
- stossichi* Cond.-Franc., 1898a, 2, t. h. *Gobius avernensis*; River Sarno.—1898: Agamonema.
- strasseni* Tüerk, 1903, 284, marine; Nap.—1903: Thoracost.
- stratipunctata* Villot, 1875a, 466 for *stratiapunctata* (*Acanthopharynx*).
- streptosophaeus* Connal, 1912, 229, t. h. *Agama colonorum*; Lagos.—1912: Strongyluris. 1914: Het. (*Strongyluris*).
- striata* Crep., 1851b, 288, t. h. *Columbus (Podiceps) auritus*; by Crep.—1851: Spiropt.
- striata* Linst., 1883a, 280, t. h. *Tropidonotus hydrus*, (*iconia alba*); Turkestan.—1883: Physalopt.
- striata* Linst., 1907, 251, t. n. *Potamochoerus penicillatus*; Kamerun.—1907: Asc.
- strata* Man, 1876a (b), 117 (40), grass; Leiden.—1876: Tylopharynx, mt. 1878: Tylopharinx.
- strata* Mol., 1858c, 388, t. h. *Felis concolor*, *F. macroura*; Brazil.—1858: Fil. 1861: Solenonema.
- striata* Villot, 1875a, 466; Med.—1875: *Acanthopharynx*.
- straticaudatus* Cobb, 1906, 164, about roots of diseased cane; Maui.—1906: *Dorylaimus*.
- stratiapunctata* Mar. 1870a, 35, free; Montredon.—1870: *Acanthopharynx*.
- striatocaudatus* Man, 1888a, 35; Walcheren.—1888: *Syringolaimus*, mt.
- striatum* Linst., 1879a, 182, t. h. *Astur nissus*.—1879: *Trichosoma*. 1915: Cap. (*Thominx*).
- stratus* Bast., 1865c, 125; about rootlets of wheat; Broadmoor, Berks.—1865: *Cephalobus*.
- striatus* Bast., 1865c, 164, marine surface mud; Falmouth.—1865: *Cyatholaimus*.
- striatus* Büetsch., 1876a, 372, in fauligen Massen auf der Oberfläche des Mains.—1873: *Diplogaster*.
- striatus* Daday, 1894, 140 [free; Balaton].—1894: *Dorylaimus*.
- striatus* Eberth, 1863a, 30, free; Nizza.—1863: *Odontobius*.
- striatus* Eberth, 1863a, 36, marine; Nizza.—1863: *Enoplus*.
- striatus* Gœze, 1782a, 152, t. h. *Ardea cinerea*; by Graf Boike.—1782: *Echinor*. 1915: *Polymorphus*.
- striatus* Mont., 1889d (e), 70 (4), t. h. *Scyllium* sp.; Payta, Peru.—1889: *Echinocephalus*.
- striatus* Steiner, 1914, 430, bei Bellinzera, Switz.—1914: *Aphelenchus*.
- striatus* Zed., 1800a, 74, t. h. *Erynaeus europæus*; by Zed.—1800: Str. 1861: *Crenosoma*, probably type.
- stricta nigrescens* Müell., 1780b, 140, in Hechte, etc.—1780: Asc. seta.
- strictus* Müell., 1786a, 71.—1786: *Vibrio*. [1838: *Lacrymaria*.]
- stridulæ* Rud., 1809a, 275, t. h. *Strix stridula*; Gœze, 1782a, 153.—1782: *Echinor*.
- strigis* Gmel., 1790a, 3040, t. h. *Strix*; quotes Pall.—1790: Fil.
- strigis* Gmel., 1790a, 3045, t. h. *Strix stridula*; Gœze, 1782a.—1790: *Echinor*.
- strigis* Linst., 1877b, 176, t. h. *Strix otus*; Ing.—1877: Fil. 1915: Spiropt. (Fil.).
- strigis* M. C. V. in Mol., 1860b, 939.—1860: Spiropt. [1860: *S. penihamata*.]
- strigis* M. C. V. in Mol., 1860b, 960.—1860: Spiropt. [1860: *S. brevisubulata*.]
- strigis* Rud., 1819a, 28, t. h. *Strix scops*; C. E. V.—1819: Spiropt.
- strigis* Rud., 1819a, 711, 800, t. h. *Strix atricapilla*; Brazil.—1819: *Dubium*. 1851: *Nematoideum*.
- strigis-aluconis* Mol., 1860b, 977, t. h. *Strix aluco*; Rennes.—1860: Spiropt.
- strigis-atricapillæ* M. C. V. in Mol., 1860b, 939, so. *penihamata*.—1860: Spiropt.
- strigis-auriculatæ* Rud., 1809a, 277; Gœze, 1782a.—1809: *Echinor*. [1809: *E. æqualis*.]
- strigis-auriculata* Marval, 1905a, 217, for *strigis-auriculatæ* (*Echinor*).
- strigis-auriculati* Dies., 1851a, 38; Gœze, 1782.—1851: *Echinor*. [1851: *E. æqualis*.]
- strigis-brachyoti* M. C. V. in Mol., 1858c, 399, t. h. *Strix*; M. C. V., Coll. Brazil.—1858: Fil.
- strigis-brachyoti* Mol., 1860b, 977, t. h. *Strix brachyotus*.—1860: Spiropt.
- strigis-flammæ* M. C. V. in Mol., 1858c, 408, t. h. *Strix flammea*; Ypanema, Brazil.—1858: Fil. *attenuata*. [1858: Fil. *hystrix*.]
- strigis-flammæ* M. C. V. in Mol., 1860b, 939, t. h. *Strix flammea*; Brazil.—1860: Spiropt.
- strigis-griseatæ* M. C. V. in Mol., 1860b, 939, t. h. *Strix griseata*; Brazil.—1860: Spiropt.
- strigis-lineatæ* M. C. V. in Mol., 1860b, 939, t. h. *Strix*; Brazil.—1860: Spiropt.

- strigis-magellanicae* Mol., 1860b, 955.—1860: Spiropt.
strigis-oti Viborg, 1795, 243 [nv.]; Lühe, 1905a, 309; t. h. *Asio otus*.—1795: Echinor.
strigis-stridulae Rud. [1809a, 275]; 1810a, 352, t. h. *Strix stridula*; Goeze, 1782a.—1809: Echinor.
strigis-torquatae Mol., 1858c, 422, t. h. *Strix torquata*; Brazil.—1858: Fil.
strigosus Duj., 1845a, 120, t. h. *Lepus cuniculus* fer.; Paris, Wien.—1845: Str. 1909: Graphidium, tod.
strigulosus Vaull., 1901, 133, misprint for *strigosus* (Str.).
strigum Rud., 1810a, 354, for *strigis* Gmel., 1790 (Fil.).
stroma Linst., 1884a, 134, t. h. *Mus sylvaticus*; Ing.—1884: Oxyuris.
stroma Linst., 1899b, 11, t. h. *Grus paradisea*; Mus. Berl.—1899: Het. 1914: Ascaridia.
strongilina Perronc., 1882a, 330, for *strongylina* (Spiropt.).
strongiloides Dollfus, 1912, 25, for *strongyloides* Leuck. (*Rhabdoneura*).
strongylus Wucherer, 1869a, 172.—1869: Doch.
strongyliformis Blainv., 1828a, 546, t. h. *Sus scrofa* dom.—1828: Spiropt.
strongylina Rud., 1819a, 23, t. h. *Sus fera*; Mus. Wien.—1819: Spiropt. 1866: Fil. 1911: Arduenna, type. 1914: Arduena.
strongylina Rud., 1819a, 646, t. h. *Cuculus seniculus*; Brazil.—1819: Physalopt.
strongylina Rud., 1819a, 651, t. h. *Crypturus* (*Tinamus*), *Tetrao uru*; Brazil.—1819: Asc. 1912: Subulura.
strongylina suis-labii M. C. V. in Mol., 1860b, 957.—1860: Spiropt.
strongyloides Braun & Lühe, 1910, 121, lapsus for *Ankylostomum*, *Strongyloides*.—[1910: *Ankylostomum*, *Ancylostoma*.]
strongyloides Dies., 1851a, 297, galeatus renamed, t. h. *Podinema teguixin*; Brazil, M. C. V.—1851: Diaphanoc., tsd.
strongyloides Leuck., 1883 [nv.] (see *stercoralis* Bavay).—1883: *Rhabdonema*. 1888: *Leptodera*. 1890: *Rhabditis*. 1904: *Anguillula*.
strongyloides Schneid., 1860b, 228.—1860: *Pelodytes*, mt. 1866: *Pelodera*. 1866: *Leptodera*. 1880: *Rhabditis*.
strongylura Gendre, 1909, lxxv, for *strongyluris*, t. h. *Agama colonorum*.—1909: Het.
strongyluris Gendre, 1909, lxxv, t. h. *Agama colonorum*.—1909: Het.
strongylus Züern, 1882a, 242, for *strongylina*? (Fil.).
strumosa Fröel., 1791a, 82, t. h. *Talpa*; by Fröel.—1791: Asc. 1819: Spiropt. 1866: Fil.
strumosa Zed., 1800a, 23, t. h. *Phasianus* dom.—1800: Fus.
strumosum Reibisch, 1893a, 331, t. h. *Phasianus colchicus*; Germany.—1893: *Trichosomum*. 1915: Cap. (*Thominx*).
strumosus Mol., 1861a (b), 542 (118), t. h. *Coluber lichtensteini*; Brazil.—1861: Kalic. 1899: *Sclerost*. 1909: *Diaphanoc*.
strumosus Rud., 1802a, 63, t. h. *Phoca vitulina*; by Rud.—1802: Echinor. 1904: *Corynosoma*, tod.
struthionis Horst, 1885b, 263, t. h. *Struthio molybdophanes*; Zool. Gard. Rotterdam.—1885: *Sclerost*. 1911: *Codiost*, tod.
strygosus Julien, 1897e, 547, misprint for *strigosus* (Str.).
studerii Steiner, 1914, 263, Insel Ufenau, Züerichsee, Switz.—1914: *Mononchus*. 1916: *Iotonchus*. 1917: M. (I.).
sturionis Gmel., 1790a, 30, t. h. *Acipenser sturio*; Goeze, 1782a.—1791: Echinor.
sturionis Krøyer., 1852–53a, 778, t. h. *Acipenser sturio*; quotes *Abildg*.—1852: *Cuculanus*.
sturionis Rud., 1819a, 800 for *accipenseris-sturionis* (Dubium).
sturni Gmel., 1790a, 3034, t. h. *Sturnus vulg.*; Goeze, 1782a.—1790: Asc.
sturni Rud., 1809a, 73, t. h. *Sturnus*; quotes Pall.—1809: Fil.
sturni Rud., 1819a, 28, t. h. *Sturnus cinclus*; C. E. V.—1819: Spiropt.
styligera Mehl. in Crep., 1846a, 146, t. h. *Testudo*.—1846: Asc.
stylosa Linst., 1907, 253, t. h. *Otis tarda*; Nauen i. Mark.—1907: Het.
stylosa Linst., 1908, 26, t. h. *Frosch*; Africa.—1908: Spiropt.
stylosus Linst., 1883a, 299; loc. unknown, apparently Turkestan.—1883: Gord. 1897: Paragord.
stylosus Linst., 1907, 254, t. h. *Rhinoceros africanus*; Deutsch Ost-Africa.—1907: Deletroc. 1916: *Kiluluma*, tod.
styphocerca Stoss., 1904b, 2, t. h. volatile dom.; Gambia, by Shipley.—1904: Het. 1914: *Ascaridia*.
subaqualis Mol., 1860b, 921, t. h. *Felis concolor*, *F. mellivora*; Brazil.—1860: Spiropt. 1913: *Spirocerca*.
subalata Schneid., 1866a, 62; in *Falco* sp., Brazil.—1866: Physalopt.
subangensis Steiner, 1915, 266, marine; Sumatra.—1915: *Leptosomatum elongatum*.
subangensis Steiner, 1915, 233, marine; Sumatra.—1915: *Chromadora*.

- subareolatus* Villot, 1874a, 54; France, Mus. Paris.—1874: Gord.
subauricularis Rud., 1819a, 649, t. h. *Rana musica*; Brazil.—1819: Str. 1917: Oswal-
docruzia, tod.
subbifurcus Sieb., 1848c, 296, t. h. *Molops elatus*; by Fuchs.—1848: Gord. 1904: Fil.
subcompressa Zed., 1803a, 45, t. h. *Homo*.—1803: Tentacularia, type. 1809: Hamu-
laria. 1840: Haularia.
subconjunctivalis Brumpt, 1910, 449, for *subconjunctivalis* (Fil.).
subconjunctivalis Guyon, 1865a, 58, t. h. *Homo*; Africa.—1865: Fil. [Cf. loa.]
subcrenatus Rail. & Henry, 1913, 451, t. h. *Felis pardus*; Dongou, Congo belge.—
1913: Hæmostrongylus.
subcutanea Civinini, 1842a, 122, t. h. faine.—1842: Fil. [? See *cutanea* Rud., 1819.]
subcutanea Linst., 1899b, 23, t. h. *Erethizon dorsatus*; Berl. Zool. Gard.—1899: Fil.
subcutanea Mol., 1858c, 428, t. h. *Podoa swinamensis*; Brazil.—1858: Fil. *podoxæ*.
subcutanea Rud., 1819a, 7, t. h. *Mustela foina*, etc.; by Rosa, 1719.—1819: Fil. *mus-
telarum*.
subcutanea Rud., 1819a, 8, t. h. *Lepus timidus*; Pall.—1819: Fil. *leporis*.
subcutanea Rud., 1819a, 8, t. h. *Lanius collurio*; C. E. V.—1819: Fil. *collurionis*.
subcutaneus Rud., 1819a, 76, t. h. *Erinaceus europæus*; C. E. V.—1819: Echinor.
erinacei. 1851: Echinor.
subdepressus Blainv., 1828a, 534 for *depressusculus* in *Canis* fam.; Brema., 1824c,
pl. 1 figs. 16–19.—1828: Trichoc.
subelongatus Cobb, 1914, 102(68), in moss; Douglas Lake, Mich.—1914: *Cephalobus*.
subglobatus Zed., 1803a, 154, t. h. *Salmo salar*; quotes Herm.—1803: Echinor.
sublingualis Mol., 1858c, 428, t. h. *Ardea exilis*; Rio Araguay.—1858: Fil. *ardeæ*.
sublobatus Gmel., 1790a, 3049, t. h. *Salmo salar*; Herm.—1790: Echinor.
subrotundus Eberth, 1863a, 33, marine; Nizza.—1863: *Enoplus*. 1865: *Enchelidium*.
subrotundus Mar., 1870b, 5.—1870: *Lasiomitus*.
subrustica Cobb, 1906, 165, about roots of diseased cane; Hilo, H. I.—1906: *Mon-
hystera*.
subsimilis Cobb, 1893a, 810(33), about roots of sugar-cane; N. S. W.—1893: *Dory-
laimus*.
subsimilis Cobb, 1914, 8, Bay; Cape Royds.—1914: *Anticoma*.
subsimilis Cobb, 1917n, 184 (486), *similis* Cobb, 1917, renamed.—1917: *Mononchus*
(*Mylonchulus*).
subspiralis Dies., 1851a, 268, t. h. *Ardea cinerea*; M. C. V.—1851: Fil.
subspiralis Dies., 1851a, 294, t. h. *Dasypus loricatus*, etc.; Brazil.—1851: Trichoc.
subspiralis Dies., 1861a, 601, free; Kansas.—1861: Gord. 1897: *Cordius*.
subtenuis Cobb, 1917n, 184 (486), *tenuis* Cobb, 1917, renamed.—1917: *Mononchus*
(*Mylonchulus*).
subtilis Looss, 1895b, 161, t. h. *Homo*; Egypt.—1895: Str. 1905: *Trichostr.*
subtilis Schmassmann, 1914, 399, aquatic; Lûernersee.—1914: *Mermis*.
subula Duj., 1845a, 73, t. h. *Sylvia rubecula*; Rennes.—1845: Disph. 1851: *Spiropt.*
1912: *Acuaria* (*Acuaria*).
subula Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: *Euglena*
acus.]
subulata Coll. Leidy in Stiles & Hass., 1894e, 350, cf. *opeatura*, t. h. *Cyclura basolo-
pha*.—1894: *Atractis*.
subulata Deslngch., 1824p., 394, t. h. *Podiceps auritus*.—1824: Fil.
subulata Eberth, 1863a, 21, under corals; Nice Harbor.—1863: *Phanoglene*. 1865:
Leptosomatum.
subulata Gœze, 1782a, 108, t. h. *Hechte* & *Lacerta palustris*.—1782: *Asc. vermi-
cularis cauda*. 1809: *Asc. vermiculari cauda*.
subulata Rud., 1819a, 269, t. h. *Caprimulgus ruficollis*; Mus. Wien.—1819: *Asc.*
1914: *Subulura*.
subulata Schneid., 1866a, 62, t. h. *Falco* sp.; Brazil.—1866: *Physalopt.*
subulata Schneid., 1866a, 69.—1866: *Het*.
subulata Schrank, 1788a, 11, t. h. *Wasserkroeten*; Gœze, 1782a.—1788: *Asc.*
subulata bufonum Rud., 1809a, 147.—1809: *Asc.* [1809: *Asc. nigrovenosa*.]
subulatum Leisering, 1865, 117, t. h. *Canis* fam.; Dresden.—1865: *Hæmatozoon*.
1873: Str. 1912: *Strongyloides*.
subulatum Mol., 1861a(b), 543 (119), t. h. *Lachesis rhombeata*, etc.; Brazil.—1861:
Kalic. 1899: *Sclerost*. 1909: *Diaphanoc*.
subulatum Mol., 1861a(b), 445 (21), t. h. *Sus scrofa* dom., S. s. *fera*; Europe.—1861:
Oesophagost., tsd.
subulatus Mol., 1860c, 514, t. h. *Didelphys myosurus*; Ypanema.—1860: *Histioc*.
1884: *Aspidoc*. 1912: *Aspidodera*.
subulatus Zed., 1803a, 159, t. h. *Alosa*; quotes Herm.—1803: Echinor.

- subventricosus* Schneid., 1866a, 129, t. h. *Rana cornuta*; Brazil.—1866: Str. 1917: Oswaldocruzia.
- succineæ* Dies., 1851a, 287, t. h. *Succinea amphibia*; teste Sieb.—1851: Fil. [1865: *Mermis albicans*.] 1865: *Mermis*. 1865: Fil.
- succini* Duisburg, 1863, 31, in Bernstein.—1863: *Anguillula*.
- succinea* Rud., 1809a, 187, t. h. *Raja clavata*; by Treviranus.—1809: Asc.
- suctorina* Mol., 1860e, 341, t. h. *Caprimulgus campestris*; Brazil.—1860: *Heteracis*. [1860: *Heterakis*.] 1912: *Subulura*. 1914: *Allodapa*.
- suilla* Duj., 1845a, 167, t. h. *Sus scrofa dom.*; Paris.—1845: Asc. 1916: Asc. *lumbrioides*.
- suillæ* Walter, 1866a, 68, for *suilla* (Asc.).
- suïs* Csokor, 1882a, 1, t. h. *Sus scrofa dom.*; Austria.—1882: *Gnathost. hispidum*.
- suïs* Gmel., 1790a, 3032, t. h. *Sus scrofa dom.*; Gœze, 1782a.—1790: Asc. 1800: *Fus. lumbrioides*. 1901: Asc. l.
- suïs* Haase, 1906, 695, in swine.—1906: *Oxyuris*.
- suïs* Lutz, [nv.].—1894: *Rhabdonema*. 1905: *Strongyloides*.
- suïs* Modeer, 1791a, 75 [nv.]; Rud., 1809a, 246; t. h. *Sus scrofa dom.*—1791: Asc. 1809: Asc. *bronchiorum*.
- suïs* Rud., 1809a, 125, for *suum*, t. h. *Sus scrofa dom.*—1809: Asc. *gigas*.
- suïs* Rud., 1809a, 246, t. h. *Aper*, *Sus dom.*—1809: Str.
- suïs* Schrank, 1788a, 5, t. h. *Sus scrofa fera*; Gœze, 1782a.—1788: *Trichoc*. 1908: *Trichuris*.
- suïs-labiati* M. C. V. in Mol., 1858c, 388, t. h. *Dicotyles*; M. C. V., Coll. Brazil.—1858: Fil.
- suïs-labiati* M. C. V. in Mol., 1860b, 957.—1860: *Spiropt. strongylinæ*.
- suïs-labiati* M. C. V. in Mol., 1861a, 511 (87).—1861: *Spiropt*.
- suïs-tajassu* M. C. V. in Mol., 1858c, 388, t. h. *Dicotyles*; M. C. V., Coll. Brazil.—1858: Fil.
- suïs-tajassu* M. C. V. in Mol., 1861a, 469 (45).—1861: Str. [1861: *Monodontus semicircularis*.]
- sulcata* Rud., 1819a, 48, t. h. *Testudo mydas*; M. V.—1819: Asc.
- sulcatus* Cobb, 1915, 32; Maple River, Mich.—1915: *Dorylaimus*.
- sumatrana* Steiner, 1915, 231, marine; Sumatra.—1915: *Chromadora*.
- sumatrensis* Par., 1896b(c), 111 (4), t. h. *Platyrrhacus modiglianii*; Sumatra.—1896: *Oxyuris*.
- sumatrensis* Villot, 1891c, 138; Sumatra.—1891: Gord.
- superbus* Man, 1880a, 79, in moist soil; Holland.—1880: *Dorylaimus*.
- suum* Gœze, 1782a, 71, t. h. *Sus scrofa dom.*; Germany.—1782: Asc. 1809: *Fus. lumbrioides*.
- svensksundi* Bock, 1913, 5; Spitzbergen.—1913: *Nectonema*.
- sygmoidea* Mol., 1860b, 920, t. h. *Corvus frugilegus*; Wien.—1860: *Spiropt*. 1897: *Oxyspirura*.
- sygmoidea* Linst., 1878a, 100 for *sygmoidea* (*Spiropt*.).
- sygmoidea* Mol., 1860c, 483, t. h. *Falco tridentatus*; Brazil.—1860: Disph. 1912: *Acuaria* (*Synhimantus*).
- sylphæ* Bosc, 1802a, 49, t. h. *Sylpha obscura*; probably for *silphæ*.—1802: Fil.
- sylvaticus* Linst., 1893e, 169, t. h. *Geotrupes sylvaticus*; Harl & Gœtt.—1893: *Allantonema*.
- sylvia* Dies., 1851a, 281, t. h. *Sylvia abietina*; Nordm., 1832.—1851: Fil.
- sylvia* M. C. V. in Mol., 1858c, 423; Brazil.—1858: Fil.
- sylvium* Rud., 1819a, 77, t. h. *Sylvia fitis*, etc.—1819: *Echinor*.
- symmetricus* Cobb, 1914, 73 (39), in black clay with decayed vegetation; Arlington Farm, Va.—1914: *Tylenchus*.
- syngamus* Anacker, 1887c, 512, *Syngamus trachealis* renamed.—1887: Str.
- syngamus* Dies., 1851a, 302, *trachealis* renamed, t. h. *Phasianus gallus*, etc.; America, etc.—1851: *Sclerost*. [See *trachealis*, type of *Syngamus*.] 1887: Str.
- syngnathi-pelagici* Rud., 1819a, 191, 561, 800, t. h. *Syngnathus pelagicus*; Nap.—1819: *Dubium*. 1851: *Agamonema*. 1851: *Nematoideum dubium*.
- tubæformis* Wucherer, 1869, 171, misprint for *tubæf.* (Doch.).
- tacapense* Seur., 1915, 20, t. h. *Ctenodactylus gundi*; S. Tunis.—1915: *Ophiost*. 1916: *Seuratium*, tod.
- tacapensis* Seur., 1917, 214, t. h. *Ctenodactylus gundi*; Matmata, Sud-Tunisien.—1917: *Physalopt*.
- tadoraen* Chatin, 1874a, 6, misprint for *tadornæ* (*Cyathost*.).
- tadornæ* Chatin, 1874a, 1, t. h. *Anas tadorna*, *Tadorna beloni*.—1874: *Cyathost*. 1878: *Sclerost*. 1898: *Syngamus*.
- tadornæ* Rail., 1893a, 423, t. h. *Tadorna bellonii*; Ireland.—1893: *Spiropt*. [1893: *Hystrichis tricolor*.]

- æniiformis* Linst., 1890d, 179, t. h. Caranx sp.; lng.—1890: Echinor. [1907: Echinosome.]
- æniatus* Linst., 1901b, 419, t. h. Numida rikwae; Rukwa-See.—1901: Echinor.
- ænioides* Dies., 1851a, 23, t. h. Dicholophus margrafi; Rio Araguay, Matogrosso.—1851: Echinor. 1892: Gigantor. 1915: Oligacanthor.
- ænioides* Lindemann, 1865a, 496, t. h. Strix passerina; Wilno.—1865: Paradoxites.
- ænioides* Rud., 1809a, 441, t. h. Canis fam.; France.—[1789: Linguatula, type.] 1809: Polyst. (Pentast.). 1819: Pentast. 1819: Prionoderma.
- talensis* Cam., 1897f, 2; Jujuy, Salta, Bolivia.—1897: Chord.
- talpa* Crep., 1846a, 136, t. h. Tringa pugnax; by Laurer.—1846: Spiropt.
- talpæ* Gmel., 1790a, 3032, t. h. Talpa; Gœze, 1782a.—1790: Asc. [1791: Asc. strumosa. 1803: Fus. convoluta. 1809: A. st. 1819: Spiropt. st.] 1849: Spirura, tsd.
- talpæ* Schrank, 1788a, 14, in Maulwurf; Gœze, 1782a.—1788: Cucullanus.
- talpæ* Sieb., 1850, 358 [nv.]; Dies., 1851a, 561; t. h. Talpa europæa.—1850: Nematodeum. 1882: Trichosoma. 1915: Cap.
- tanagra* Rud., 1819a, 673, t. h. Tanagra; Brazil.—1819: Echinor.
- tanichugii* Looss, 1914, 731, misprint for taniguchii (Microfil.).
- taniguchi* Sl. & Sw., 1912a, 402, for taniguchii (Fil.).
- taniguchii* Penel, 1905, 143, t. h. Homo; Japan.—1905: Fil. 1914: Microfil.
- tantali* M. C. V. in Mol., 1860c, 497.—1860: Spiropt.
- tantali-cayennensis* M. C. V. in Mol., 1858c, 435, t. h. Ibis cayennensis; Brazil.—1858: Fil.
- tantali-rubri* M. C. V. in Mol., 1860b, 969.—1860: Spiropt.
- tapiri* M. C. V. in Mol., 1858b, 275, t. h. Tapirus americanus.—1858: Fil.
- tapiri-americani* M. C. V. in Mol., 1860 [nv.]; Hall, 1916a, 214.—1916: Spiropt.
- tarda* Polonio, 1859 [nv.]; Par., 1894a, 225; t. h. Bufo viridis, B. vulg. Padua.—1859 or 1894: Oxyuris.
- tardæ* Gmel., 1790a, 3034, t. h. Otis tarda; Bloch, 1782a.—1790: Asc. 1803: Fus.
- tardæ* Rud., 1809a, 308, t. h. Otis tarda.—1809: Echinor.
- tardæ* Rud., 1809a, 241, t. h. Otis tarda; by Rud.—1809: Str.
- tardieu* Mathis & Léger, 1911, 411, t. h. Centropus sinensis; Tonkin.—1911: Microfil.
- tardus* Man, 1889b, 8, free; Walcheren.—1889: Camacolaimus, mt.
- tardus* Man, 1893a, 82, marine; near Falmouth.—1893: Thalassoalaimus, mt.
- tarentolæ* Seur., 1916, 934, t. h. Tarentola mauritanica; Kouba.—1916: Acuarina.
- tatrensis* Janda, 1893a, 596; Tatragebirge.—1893: Gord.
- tatica* Daday, 1896, 410.—1896: Monhystera.
- tatica* Daday, 1896, 411.—1896: Chromadora.
- taticus* Daday, 1896, 409.—1896: Deontolaimus.
- taticus* Daday, 1896, 412.—1896: Ethmolaimus.
- tauri* Rud., 1805a, 35.—1805: Asc. lumbricoides.
- tellinii* Cam., 1888e, 1; Valle del Tagliamento.—1888; Gord. 1897: Chord.
- tenax* Man, 1876a(b), 176(99); Leiden.—1876: Monhystera. 1884: Cyatholaimus.
- tenax* Mehl. in Crep., 1844a, 125, t. h. Raja clavata.—1844: Discophorus, mt.
- tendo* Nitzsch in Gieb., 1857a, 268, t. h. Falco tendo; Coll. Nitzsch.—1857: Fil.
- tenebra* Leiper, 1908, 192, possibly misprint for terebra (Fil.).
- tenella* Rud., 1809a, 158, probably not as specific name.—1809: Asc.]
- tenellus* Van Cleave, 1913, 188, t. h. Esox lucius; Lake Marquette, Minn.—1913: Neor. 1914: Eor. 1916: Neechinor.
- tener* Linst., 1906, 173, t. h. Spilornis cheela; Nedunkeni, N. Province.—1906: Echinor.
- tenerrima* Crep., 1851b, 305, t. h. Acidaliæ delutatæ larva; by Crep.—1851: Mermis.
- tenerrimus* Linst., 1878b, 233, t. h. Anguilla vulg.; by Linst.—1878: Nematoxys.
- tentabunda* Man, 1890b, 177; St. Aubin-s-Mer.—1890: Spilophora.
- tentaculata* Carter, 1859b, 41, on Glœocapsa on walls and gutters; Isl. of Bombay.—1859: Urolabes.
- tentaculata* Mehl. in Crep., 1846b, 162, t. h. Hirsch.—1846: Fil.
- tentaculata* Rud., 1819a, 658, t. h. Didelphys cayopollin, D. quoaquiqua; Brazil.—1819; Asc. 1866: Oxsoma.
- tentaculatus* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) not paged, t. h. Hyrax capensis; by H. & E.—1828: Crossophorus. 1897: Asc.
- tentaculatus* Hempr. & Ehrenb. of Nassonow, see Hall, 1916a, 43.—1897: Asc. 1916: Crossophorus.
- tenthredinis* Gmel., 1790a, 3041, in tenthredinum larva.—1790: Fil. 1851: Gord.
- tenuæ* Duj., 1845a, 28, t. h. Columba dom.; Mus. Wien.—1845: Calodium.
- tenuæ* Mar., 1870a, 21, marine; île de Pomégué.—1870; Euryst.
- tenuicauda* Cobb, 1893b, 281(32), in mud of a brook; Sydney, Australia.—1893: Tripyla.
- enuicauda* Linst., 1883a, 293, t. h. Perdix græca; Turkestan.—1883: Het.

- tenuicauda* Linst., 1901b, 414, t. h. *Equus crawshayi*; Rukwa-See, Africa.—1901: Oxyuris.
- tenuicauda* Mol., 1860b, 983, t. h. *Ciconia maguari*, *Crax tomentosa*; Brazil.—1860: Spiropt.
- tenuicaudata* Bast., 1865c, 160, tide-pools; Falmouth.—1865: Spira. 1907: Sabatieria.
- tenuicaudata* Rail. & Henry, 1914, 676, for *tenuicauda* (Het.).
- tenuicaudata* Villot, 1875a, 462; Roscoff.—1875: Anticoma.
- tenuicaudatus* Bast., 1865c, 107, in mud; Tunbridge Wells.—1865: Dorylaimus.
- tenuicaudatus* Büetsch., 1874b, 268; Kieler Bucht.—1874: Linhomœus.
- tenuicaudatus* Cobb, 1913, 442, on aquatic plants and among algæ; W. Indies.—1913: Udonchus, mt.
- tenuicaudatus* Daday, 1894, 135.—1894: Trilobus.
- tenuicaudatus* Man, 1876a(b), 84; Leiden.—1876: Ironus.
- tenuicaudatus* Man, 1895, 77, in *Calanthe*; by Bos.—1895: Aphelenchus.
- tenuicaudatus* Marotel, 1899d, 226, t. h. *Syrnium aluco*; by Marotel, ? France.—1899: Echinor.
- tenuicaudatus* Savelev, 1912, 111; Kolafjord.—1912: Enoploilaimus.
- tenuicaudatus* Savelev, 1912, 122, free.—1912: Cyatholaimus.
- tenuicaudatus* Stefanski, 1914.—1914: Mononchus. 1917: M. (Mononchus).
- tenuicollis* Eberth, 1863a, 23; lng.—1863: Enchelidium.
- tenuicollis* Blgr., 1916, 426, t. h. *Equus cab.*—1916: Triodontophorus.
- tenuicollis* Eberth, 1863a, 41, marine; Nizza.—1863: Enoplus. 1865: Symplocost.
- tenuicollis* Frel., 1802a, 69, t. h. *Wildente*; by Frel.—1802: Echinor.
- tenuicollis* Rud., 1819a, 30, t. h. *Falco haliaëtus*.—1819: Physalopt. 1845: Spiropt.
- tenuicollis* Rud., 1819a, 47, t. h. *Crocodilus lucius*; Heidelberg.—1819: Asc.
- tenuicollis* Steiner, 1914, 273; apparently Switz.—1914: Dorylaimus.
- tenuicollis* Mar., 1870b, 5.—1870: Lasiomitus.
- tenuicollis* Westrumb, 1821a, 33, t. h. *Perca schraester*.—1821: Echinor.
- tenuicornis* Lint., 1891a, 531, see *pristis tenuicornis* (Echinor.).—1891: Echinor. pristis. 1905: Echinor.
- tenuis* Bast., 1865c, 119; Sandhurst.—1865: Plectus.
- tenuis* Cobb, 1894c, 420; Ills. of Ceylon.—1894: Fimbria, mt. 1905: Fimbrilla, tod.
- tenuis* Cobb, 1917n, 469, about roots of plants; Arlington Farms, Va.—1917: Mononchus (Mylonchulus).
- tenuis* Daday, 1899, 558.—1899: Aphanolaimus.
- tenuis* Daday, 1908, 14; Nyassa.—1908: Mononchus.
- tenuis* Ditlevsen, 1912, 246; Lyngbe Sø.—1912: Dorylaimus.
- tenuis* Duj., 1845a, 24, t. h. *Erinaceus europæus*; Wien, Paris.—1845: Eucoleus. 1851: Trichosomum (Eucoleus). 1915: Cap. (Thominx).
- tenuis* Duj., 1845a, 73, t. h. *Saxicola rubetra*; Rennes.—1845: Disph. 1851: Spiropt. 1912: Acuaria (Acuaria).
- tenuis* Hagmeier, 1912, 541.—1912: Mermis.
- tenuis* Leidy, 1879e, 384, t. h. *Clepsine*; Rhode Island.—1879: Gord.
- tenuis* Linst., 1876a, 5, t. h. *Mergus merganser*; lng.—1876: Acanthophorus, ? type.
- tenuis* Linst., 1879a, 166, on roots of moss; lng.—1879: Dorylaimus.
- tenuis* Linst., 1889a, 56, t. h. *Mergus merganser*; Lieberk., 1855a, 314.—1855: Tropidocerca. [See also *Acanthophorus tenuis*.]
- tenuis* Mehl. in Crep., 1846a, 133, t. h. *Phasianus colchicus*; by Mehl.—1846: Str. 1909: Trichostr. 1913: Str. (Trichostr.).
- tenuis* Schlotthauber, 1860a, 126, t. h. *Cuculus canorus*; by Schlotth.—1860: Spiropt.
- tenuis* Schneid., G, 1906c, 28, free; Gulf of Finland.—1906: Chromadora.
- tenuis* Weyenbergh, 1879, 217, t. h. *Mantis precarius*; Cordoba.—1879: Gord.
- tenuissima* Crep. 1851b, 305, t. h. *Acidaliæ delutæ* larva; by Crep.—1851: Mermis.
- tenuissima* Rud., —? [nv.]; Linst., 1909a, 64; in *Lota vulg.*, *Perca fluvi.*, *Salmo salvelinus*.—1909: Spiropt.
- tenuissima* Schrank, 1788a, 11, t. h. *Wasserkroeten*; Gœze, 1782a.—1788: Asc.
- tenuissima* Zed., 1800a, 23, t. h. *Gadus lota*; by Zed.—1800: Fus. 1809: Asc.
- tenuissimum* Dies., 1851a, 256, t. h. *Columba dom.*, *C. livia*; Ireland.—1851: Trichosomum (Calodium).
- tenuissimum* Leidy, 1891a, 412, t. h. *Mus decumanus*; by Leidy.—1891: Trichosomum. [1915: Cap. leidy.]
- tenuissimus* Mazzanti, 1891b, 187, t. h. horse; by Mazzanti.—1891: Str. [1899: Str. axei. 1909: Trichostr. retortæformis. 1891: Strongilus.] 1912: Trichostr.
- tenuissimus* Rud., 1803a, 4, t. h. *Strix bubo*; by Rud.—1803: Trichoc. 1915: Cap. (Thominx).
- tercostata* Mol., 1860b, 947 (39), t. h. *Psittacus æstivus*, *P. maximiliani*; Brazil.—1860: Spiropt. 1910: Pelecitus.
- terdentata* Mol., 1860b, 944 (36), t. h. *Tinamus variegatus*; Brazil.—1860: Spiropt.

- terdentata* Mol., 1860d, 651, t. h. *Felis cencolor*, *F. tigrina*; Brazil, M. C. V.—1860: Physalopt.
- terdentatum* Linst., 1890d, 182, t. h. *Triton cristatus*; by Linst.—1890: *Oxysoma*.
- terdentatum* Linst., 1898a, 470 (114), t. h. *Ceratodus forsteri*; Australia.—1898: *Amblyonema*, mt.
- terebra* Dies., 1851a, 274, t. h. *Cervus elaphus*, etc.; Brazil.—1851: Fil.
- terebra* Rud., 1819a, 668, t. h. *Scomber pelamys*; by Chamisso.—1819: *Echinor*.
- teres* Cobb, 1917n, 438, in the sphagnum of a blueberry pot; Ing.—1917: *Mononchus* (*Mononchus*).
- teres* Goeze, 1782a, 39, collective sp., t. h. birds & mammals.—1782: *Asc*.
- teres* Schneid., 1866a, 153, in moist soil and decaying material.—1866: *Leptodera*. 1866: *Pelodera*. 1873: *Rhabditis*.
- [*teres* Stein, 1878a, pl. 23 figs. 35–41.—1878: *Atractonema* [Protozoon].]
- teres* Tyson, 1683b, 154, t. h. *Homo*.—1683: *Lumbricus*.
- teres* Westrumb, 1821a, 18, t. h. *Corvus monedula*, *C. pica*; Wien.—1821: *Echinor*.
- teres* [*anatis*] Goeze, 1782a, 85, t. h. *Anas*.—1782: *Asc*.
- teres* [*canis*] Goeze, 1782a, 84, t. h. *Dachshund*.—1782: *Asc*.
- [*teres corporis humani* Redi, 1684a, 209, pl. 10 figs. 1–4.—1684: *Lumbricus*.]
- teres* [*felis*] Goeze, 1782a, 79, t. h. *cat*.—1782: *Asc*.
- teres* [*galli*] Goeze, 1782a, 86, t. h. *Hahn*.—1782: *Asc*.
- teres galli major* Rud., 1908a, 129; based on Goeze, 1782.—1809: *Asc*.
- teres galli minor* Rud., 1809a, 129; based on Goeze, 1782.—1809: *Asc*.
- teres hominis* Rud., 1809a, 124; quotes Tyson, 1683b, 154; t. h. *Homo*; by Tyson.—1809: *Lumbricus*.
- teres* [*milvi*] Goeze, 1782a, 85, t. h. *Falco milvus*; by Goeze, 1782a.—1782: *Asc*.
- teres* (*minor*) Duj., 1845a, 223, refers to Goeze, 1782a.—1845: *Asc*. [1845: *Het. vesicularis*.]
- teres* (*minor*, *phasiani-galli et picti*) Rud., 1809a, 129, refers to Goeze, 1782a, 86.—1809: *Asc*.
- teres* (*variorum turdorum*) Goeze, 1782, 877.—1782: *Asc*.
- teres vituli* Rud., 1809a, 124, refers to Vallisnieri.—1809: *Lumbricus*.
- teres* [*vulpis*] Goeze, 1782a, 84, t. h. *Fuchs*; Rekan.—1782: *Asc*.
- teretes* see *teres* (*Lumbrici*).
- teretes* Goeze of Rud., 1803a, 10.—1803: *Asc*.
- terminalis* Passerini, 1884a, 42, t. h. *Lepus timidus*; Toscana.—1884: Fil.
- tereticollis* Rud., 1809a, 260, t. h. *Blennius viviparus*, etc., by Rud. & Zed.; Europe.—1809: *Echinor*.
- terrestris* Büetsch., 1873a, 69, Wurzeln eines Pilzes; by Büetsch.—1873: *Anguillula*. 1876: *Teratoc.*, mt.
- terrestris* Cat. RCSL, 1830, 43, t. h. land tortoise.—1830: *Asc. testudinis*.
- terrestris* Man, 1880a, 560, free in moist soil; Holland.—1880: *Rhabdolaimus*, tsd.
- terrestris* Linn., 1758a, 647, in humo.—1758: *Lumbricus*, tsd. 1820: *Lumbrici*.
- terricola* Bast., 1865c, 127, in rootlets of wheat-plants; Broadmoor, Berks.—1865: *Tylenchus*.
- terricola* Duj., 1845a, 240–241, in soil in *Limax*, etc.; by Duj.—1845: *Rhabditis*, tsd. 1851: *Angiost*. 1888: *Leptodera*. [1889: *Anguillula*.]
- terricola* Hagmier, 1912, 535, in soil; Pforzheimer Fundplatz.—1912: *Mermis*.
- terricola* Lindner, 1889b, 636; 1890a, 27. Probably either for *Rhabditis terricola* Duj., 1845, or *Ang. terrestris* Büetsch., 1873a.—1889: *Anguillula*.
- terricola* Man, 1907, 33, in soil; Walcheren.—1907: *Euryst*.
- terricola* Man, 1880a, 17.—1880: *Cyatholaimus*.
- terricola* Schneidem., 1896a, 305, for *terricola* (*Rhabditis*).
- testudinis* Rud., 1809a, 198, t. h. *Testudo vulg. aquatica*; based on Braun in Schneid.—1809: *Asc*.
- testudinis* Rud., 1819a, 21, t. h. *Testudo orbicularis*; C. E. V.—1819: *Cucullanus*.
- testudinis terrestris* Cat. RCSL, 1830, 43, t. h. land tortoise.—1830: *Asc*.
- testudinis-terrestris* Rud., 1819a, 800, t. h. *Testudo terrestris*.—1819: *Dubium*.
- tetracanthus* Mehl., 1831a, 79, t. h. *Equus* cab.; Germany.—1831: Str. 1851: *Sclerost*. 1861: *Cyathost.*, mt. 1902: *Cylichnost.*, type. 1903: *Cylicost.*, type. 1911: *Cylicost.*, type.
- tetragonocephalus* Rud., 1809a, 232, *vulpis* renamed, t. h. *Canis vulpes*; Germany.—1809: Str.
- tetrakanthum* Schneidem., 1896a, 315, for *tetracanthum*.—1896: *Sclerost*. 1896: *Sklerost*.
- tetraonis* Gmel., 1790a, 3034, t. h. *tetrix*; Redi.—1790: *Asc*. 1803: *Fus*. [1809: *A. compar*. 1851: *A. vesicularis*. 1861: *Het. v.*]
- tetraonis* M. C. V. in Mol., 1858c, 413, t. h. *Perdix dentata*; Brazil.—1858: Fil.
- tetraonis-bonasiae* Dies., 1851a, 282, based on Nordm.—1851: Fil.

- tetraptera* Nitzsch, 1821a, 48, t. h. *Mus musculus*; Ing.—1821: Asc. 1878: *Oxyuris*.
tetrapteryx Linst., 1907, 255, t. h. *Symbranchus marmoratus*; Argentina.—1907: Pterygifer, mt.
tetricis Frœl., 1802a, 28, t. h. *Tetrao tetricus*; by Frœl.—1802: Fil. 1814: Trichoc.
tetropthalmum Savelev., 1912, 124; Palafjord, Mogilnojesee.—1912; *Leptosomatum*.
texana Smith & Goeth, 1904, 542, t. h. *Homo*; Texas.—1904: Asc.
texanus Cobb, 1913, 439, roots of alfalfa; San Antonio, Tex.—1913: *Discolaimus*, tod.
thalassemia Pall., 1774, 8.—1774: *Lumbricus*. [1774: *Thalassema*. 1860: *Thalassema*.]
thalassophygus Man, 1876a(b), 181 (104).—1876: *Oncholaimus*.
thamnophili M. C. V. in Mol., 1858c, 381, t. h. *Thamnophilus canadensis*; Marabitanas, Coll. Brazil.—1858: Fil.
thamnophili Mol., 1860b, 980 (72), t. h. *Thamnophilus tigrinus*; Brazil.—1860: Spiropt.
thamugadi Maupas, 1900a, 575, in terre sablonneuse; Prov. Constantine.—1900: *Alaimus*.
thecatus Lint., 1891h, 528, t. h. *Roccus americanus*; N. Y.—1891: Echinor.
thomasi Rail. & Henry, 1909, 645, t. h. *Homo*; Brazil.—1909: Oesophagost. 1909: Oesophagost. stephanost.
thoracis cavitatis passali-cornuti Leidy, 1852b, 243, t. h. *Passalus cornutus*; by Leidy.—1852: *Nematoideum*.
thymalli Linst., 1885b, 240, t. h. *Thymallus vulg.*; Ing.—1885: Asc.
thymalli Schrank, 1803b, 220, t. h. *Aesche*.—1803: Echinor.
thyrsitis Linst., 1908, 21, t. h. *Thyrsites atun*; S. Africa.—1908: Asc.
tiara Linst., 1879b, 320, t. h. *Varanus ornatus*; Natal.—1879: Asc. 1904: *Tetradenos*, type. 1904: *Ctenocephalus*, mt. 1905: *Tanqua*, mt.
tigridis Gmel., 1790a, 3031, t. h. *tigris*.—1790: Asc. 1803: *Fus*. 1809: Asc. [1907: *Toxasc*.]
tigridis Rud., 1809a, 194, t. h. *Tigris*; by Duhalde.—1809: Str. 1819: Spiropt.
tigrinæ Shipley, 1903l, 151, t. h. *Rana tigrina*; Biscerat, Jalor.—1903: Echinor.
tilix Oerley, 1880a(b), 104 (97), in Lindenknospen; Darmstadt, Büetsch., 1873a, 36.—1880: *Tylenchus*.
timorensis Cam., 1895a, 9; Timor.—1895: Chord.
tinami M. C. V. in Mol., 1858c, 412, t. h. *Tinamus*; Coll. Brazil.—1858: Fil. [1858: *F. labiotruncata*.]
tinami M. C. V. in Mol., 1860b, 937, t. h. *Tinamus*; Brazil.—1860: Spiropt. [1860: *S. crassicauda*.]
tinami M. C. V. in Mol., 1860b, 938, t. h. *Tinamus*; Brazil.—1860: Spiropt. [1860: *S. bullosa*.]
tinami M. C. V. in Mol., 1860b, 944, t. h. *Tinamus*; Brazil.—1860: Spiropt. [1860: *S. terdentata*.]
tinami-macucabu M. C. V. in Mol., 1860b, 927.—1860: Spiropt. [1860: *S. posthelica*.]
tinami-macucabu M. C. V. in Mol., 1860b, 937.—1860: Spiropt. [1860: *S. crassicauda*.]
tinami-macucabu M. C. V. in Mol., 1860b, 938.—1860: Spiropt. [1860: *S. bullosa*.]
tinami-noctivagi M. C. V. in Mol., 1860b, 938, t. h. *Tinamus noctivagus*; Brazil.—1860: Spiropt. [1860: *S. bullosa*.]
tinami-variegati M. C. V. in Mol., 1858c, 427, t. h. *Tinamus variegatus*; Barra do Rio negro, Coll. Brazil.—1858: Fil.
tinami-variegati (palbebralis) Mol., 1858c, 427, t. h. *Tinamus variegatus*; Brazil.—1858: Fil.
tinamicola Skri., 1916, 750, t. h. *Tinamus* sp.; Paraguay.—1916: *Diplotriæna*.
tincæ Dies., 1851a, 122, t. h. *Tinca chrysis*; Ing.—1851: *Agamonema*.
tincæ Rud., 1819a, 22, t. h. *Cyprinus tinca*; C. E. V.—1819: *Cucullanus*.
tipula Ben., 1873b, 11, t. h. *Vespertilio daubentonii*, etc.; Belgium.—1873: Str.
todari delle Chiaje [nv.]; Carus, 1885, 133, t. h. *Ommastrephes todarus*; Nap.—1885: Echinor.
todari Chiaje, 1823, 200 [nv.]; Dies., 1851a, 205; t. h. *Loligo todarus*.—1823: Asc.
tolosanus Duj., 1842e, 146; Toulouse, France.—1842: Gord. 1897: *Parachord*., tsd.
tolusanus Criv., 1845a, 13, for *tolosanus* (Gord.).
tomentosum Duj., 1843, [335], 348, t. h. *cyprins*.—1843: *Trichosoma*. 1915: Cap.
tonaudia Lane, 1914, 668, t. h. *Chelone midas*; Ceylon.—1914: *Kathlania*.
topsesti Blanc, 1912, 561, in fresh water, probably escaped from host; near Dijon.—1912: *Oxyuris*.
torpedinis Rud., 1819a, 56, t. h. *Torpedo marmorata*; Mus. Wien.—1819: Asc.
torpidus Bast., 1865c, 108, on *Festuca elatior*; Broadmoor, Berks.—1865: *Dorylaimus*.
torquata Leidy, 1886e, 312, t. h. *Meles labradorica*; America.—1886: *Physalopt*.
torquatus Frœl., 1802a, 70, t. h. *Wildente*; by Frœl.—1802: Echinor.

- torta* Mol., 1858c, 390, t. h. *Cebus lagotherix*; Brazil.—1858: Fil.
tortuosus Leidy, 1850b, 97, t. h. *Didelphys virginiana*; U. S. A.—1850: Echinor.
tortus Linst., 1906, 750, t. h. *Cistudo ornata*; Ing.—1906: Proleptus.
torulosus Mol., 1861a, 502, t. h. *Cebus capucinus*; M. C. V.—1861: Str.
totani Linst., 1875a, 200, t. h. *Totanus hypoleucus*; by Linst.—1875: *Trichosoma*. 1915: Cap. (Thominx).
totani M. C. V. in Mol., 1860b, 969, t. h. *Totanus*; Brazil.—1860: Spiropt. [1860: S. umbellifera.]
totani Porta, 1910, 701, t. h. *Totanus canescens*; Firenze.—1910: Echinor.
trabeculosa Schneid., 1906c, 13, in Schlämm; Gulf of Finland.—1906: Monhystera.
tracheo-piniperda Dies., 1861a, 610, t. h. *Trachea piniperda*; Wien, Frauenf. 1853b, 128.—1861: Mermis.
trachealis Cobbold, 1864b, 333, t. h. *Homo*; Eng.—1864: Fil. 1864: *Nematoideum*. 1879: Fil. (N.).
trachealis Gmel., 1790a, 3035, t. h. *Bufo*; 1782.—1790: Asc.
trachealis Mol., 1858c, 420, t. h. *Canis brachyurus*; Rio Araguay.—1858: Fil. *canis-brachyuri*.
trachealis Sieb., 1836a, 105, *trachea* renamed, t. h. *Phasianus gallus*, etc.—1836: Syn-gamus, mt. 1837: Str. 1851: *Sclerost*. 1890: *Synnyamus*.
tracheo-bronchialis Dolley, 1894a (1901), 995.—1894: Fil. [1894: Fil. *lymphatica*.]
tracheo-bronchialis canis Fiebiger, 1912, 235, for *bronchialis canis*=osleri (Fil.).
transfuga Rud., 1819a, 40, 273, t. h. *Ursus arctos*, *U. maritimus*; M. V.—1819: Asc.
transfusa Par., 1896c, 5, for *transfuga* (Asc.).
transversata Linst., 1907, 258, t. h. *Cephalophus melanorheus*, *Troglodytes niger*; Kamerun.—1907: Fil. 1911: *Setaria*.
transversus Rud., 1819a, 69, t. h. *Motacilla stapazina*, etc.; M. V.—1819: Echinor.
trapezoides Duges, [nv.]; Kleinberg, 1879a, 206.—1879: Lumbricus.
travanca Lane, 1914, 393, t. h. *Elephas indicus*; India.—1914: Quilonia. 1915: Evansia.
trifuscaformis Man, 1907, 233; Ierseeke.—1907: Cobbia, mt.
triacanthus Dies., 1853a, 35, t. h. *Scarabæus* (*Geotrupes*) *stercorarius*; by Stein.—1853: *Cephalacanthus*.
trienophora Mehl. in Crep., 1846a, 135, t. h. *Ardea stellaris*.—1846: Spiropt.
trienucha Wright, 1879a(b), 72(21), t. h. *Botaurus minor*; Toronto.—1879: Fil. [1916: *Streptocara*.]
triangulum Linst., 1904f, 6, t. h. *Calotes ophiomachus*; Colombo.—1904: Spiropt.
tribothrioides Cobbold, 1859d, 365, t. h. *Anas obscurus*; Gr. Brit.—1859: Asc.
trichinus Mans., 1903, 639, misprint for *trichiurus* (*Trichoc*).
trichina Dav., 1863a, 117, for *spiralis* 1835, t. h. *Homo*.—1863: *Pseudalius*.
trichina Moq.-Tand., 1860a, 324, for *trichiura* (Asc.).
trichiura Linn., 1771b, 543, t. h. *Homo*; Germany.—[1761: *Trichuris*, mt.] 1771: Asc. [1782: *Trichoc*. 1790: *Trichoc*. 1800: *Mastigodes*.] 1895: *Trichoc*, type. 1896: *Trichuris*, type. 1901: *Trichuris*, type. 1913: *Trichurus*. 1914: *Trin-choc*.
trichiuri Holten, 1802a, 26, t. h. *Trichiurus gladius*.—1802: Echinor.
trichiuri Holten, 1802a, 27, t. h. *Trichiurus gladius*.—1802: *Diplasia*, mt.
trichiuria Mukerji & Dass, 1915, misprint for *trichiura*, 205 (*Trichoc*).
trichiurus Simon, 1907a, 311, for *trichiurus*.—1907: *Trichoc*. 1913: *Trichuris*. 1916: *Trichoc*.
trichocephala Schrank, 1797, 232.—1797: *Linguatula*. [1809: *Trichoc. capillaris*. 1819: *Trichosoma brevicolle*.]
trichocephalus Leuck., 1876a, 735, hng.; Florida.—1876: Echinor. 1912: *Arhythmor*.
trichocephalus Osman Galeb, 1878b, 300, misprint for *trigonoc*. (Doch.).
trichodes Leuck., 1849, 157, marine; Iceland.—1865: *Hemipsilus*.
trichosuri Breinl, 1913, 39, t. h. *Trichosurus vulpecula*; N. Queensland.—1913: Fil. 1913: *Microfil*.
trichiura Werner, 1782b, 84, misprint for *trichiura* (Asc.).
trichura Mehl. in Crep., 1846a, 147, t. h. *Triton alpestris*; by Mehl.—1846: Asc.
trichura Rud., 1809a, 89, misprint for *trichiura* (Asc.).
trichuria Hooper, 1799a(b), 252(31), for *trichiura* (Asc.).
trichuris Blumenb., 1779a, 410 t. h. *Homo*; Goett.—1779: Echinor. 1913: *Trichuris*. 1907: *Trichoc*.
trichuris Cobb, 1893b, 256(7), on celery; Sydney, N. S. W.—1893; *Diplogaster*.
trichurus Cobb, 1917n, 438, about roots of orange trees; Bahia, Brazil.—1917: *Monon-chus* (*Iotonchus*).

- tricrostratum* Linst., 1901b, 415, t. h. *Sternotherus nigricans*: Rukwa-See, Africa.—1901: *Oxysoma*.
- tricolor* Duj., 1845a, 290, t. h. *Anas boschas dom.*, *A. b. fera*: Rennes.—1845: *Hystrotrichis*, mt. 1851: *Spiropt*.
- tricornata* Mol., 1858c, 400, t. h. *Pipra inornata*: Brazil.—1858: Fil.
- tricusps* Wolffh., 1900a, 32, misprint for *tricuspis* (Fil.).
- tricuspidata* Brug., 1791a, 91, pl. 30 figs. 7-9, t. h. *Canis fam. hispan.*; quotes Bloch.—1791: Asc.
- tricuspidatus* Duf., 1828d, 222, t. h. *Gryllus burdigalensis*; by Dufour.—1828: Fil. 1855: Gord. 1897: Paragord.
- tricuspidatus* Meissner, 1855a, 55, *gratianopolensis* renamed.—1855: Gord. [See *tricuspidatus*, 1828.]
- tricuspidatus spiralis* Dies., 1861a, 604, t. h. *Decticus albifrons*: Sicilia.—1861: Gord.
- tricusps* Fedtsch., 1874a, 60, t. h. *Corvus cornix*: Asia.—1874: Fil. 1905: *Aprocta*. 1915: *Diplotriæna*.
- tricusps* Leuck., 1865a, 227, t. h. *Felis dom.*; Germany.—1865: Ollulanus, mt. —1876: Ollulanus.
- tricusps* Marotel, 1912, 208, t. h. *Ovis aries*: France.—1912: *Ostertagia*.
- tridens* Duj., 1845a, 23, t. h. *Sylvia luscinia*; Rennes.—1845: *Thominx*. 1851: *Trichosomum* (*Thominx*). 1915: Cap. (*Thominx*).
- tridens* Mol., 1858c, 393, t. h. *Cassicus ater*, etc.; Europe & Brazil.—1858: Fil.
- tridentata* Linst., 1877a, 10, t. h. *Colymbus arcticus*; by Linst.—1877: Fil. 1900: *Spiropt*. 1916: *Streptocara*.
- tridentatus* Man, 1876a, 186; Leiden.—1876: *Mononchus*. 1916: *Anatonchus*, tod. 1916: *Iotonchus* [error]. 1917: M. (M.), and M. (A.).
- tridentatus* Drasche, 1884, 116, t. h. *Vastres cuvieri*, Ing.—1884: *Cucullanus*. 1915: *Camallanus*.
- tridentatus* Duj., 1845a, 233, among algae; Toulon; in sea water; Cete, etc.—1845: *Enoplus*, probably type. [1845: *Tricontus*, probably type.]
- tridentatus* Metchn., 1864b, 141.—1864: *Diplogaster*.
- tridentatus* Savelev, 1912, 116; Kolafjord.—1912: *Enoploides*.
- triestinus* Woltereck in Hempelm., 1906, 605, free; Trieste.—1906: *Polygord*.
- trifida* Cuillé, etc., 1911 [nv.]; Godest, 1911a, 119, t. h. *Ovis aries*.—1911; *Ostertagia*.
- trifurcata* Rans., 1907k, 2, t. h. *Capra hircus*, *Ovis aries*; U. S. A.—1907: *Ostertagia*. [?1911: Str.]
- trifurcatum* Lane, 1917, 427, t. h. *Bos indicus*; Darjeeling.—1917: *Oesophagost. radia-*
tum.
- trifurcatus* Marotel, 1911, 183, t. h. *Ovis aries*.—[?1907: *Ostertagia*.] 1911: Str.
- trifurcatus* White, 1861a, 175, t. h. possibly *Homo*; by Bowditch.—1861: Gord.
- trifurcatus-varius* Cat. Boston Soc. Nat. Hist. MS. in Stiles, 1907c, 55; Maine, U. S. A.—1907: Paragord.
- trigla* Dies., 1851a, 286, t. h. *Trigla cuculus*.—1851: Fil.
- trigla* Rud., 1819a, 80, t. h. *Trigla adriatica*; C. E. V.—1819: *Echinor*.
- trigla-adriaticæ* Rud., 1819a, 195, t. h. *Trigla adriatica*; Rimini.—Dubium.
- trigl[æ]-gurn[ardi]* Rathke, 1799a, 72, t. h. *Trigla gurnardus*; Rathke.—1799: *Echinor*.
- trigla-hirundinis* Rud., 1819a, 195, 566, 800, *Trigla hirundo*; Rimini.—1819: *Dubium*. 1851: *Agamonema*.
- trigocephalus* Francis, 1894a, 452, for *trigonocephala* (Unc.).
- trigonocephalus* Carità, 1887a, 57, misprint for *trigonocephalus* (Doch.).
- trigonocephalus* Miller, 1903a, 491, misprint for *trigonoc.* (*Dochmius*).
- trigonocephalus* Wucherer, 1869, 171, misprint for *trigonoc.* (*Doch.*).
- trigonocephalum* from *Cynailurus jubatus*.—1911: *Ankylostomum*.
- trigonocephalum* as syn. of *stenoc.*—Looss, 1898a, 446.—1898: *Ankylostoma*.
- trigonocephalus* Rud., 1808a, pl. 2 figs. 5-8, a very much confused species, includes in its history at least 3 or 4 distinct species; see other entries.—1808: Str. 1831: Str. 1845: *Dochmius*. 1854: *Dochmius*. 1862: *Dachmius*. 1885: *Unc.* 1885: *Ankylostomum*. 1885: *Ankylostomum* (Str.). 1888: *Ankylostoma*. 1889: *Ankylostomum*. 1889: *Anchylostomum*. 1898: *Ankylostoma*. 1898: *Ankylostomum*. 1898: *Anchylostomum*. 1900: *Unc.* (*Monodontus*). 1900: *Monodontus*. 1902: *Bunost.* 1909: *Ancylostoma*. 1911: *Ancylostoma*. 1911: *Ankylostomum*. 1912: Str.
- trigonocephalus* Rud., 1808a, of Duj., 1845a, 277, includes *tetragonoc.* and *vulpis*, in *Canis vulpes*; Rennes.—1845: *Doch.* 1862: *Dachmius*. 1889: *Docmius*.
- trigonocephalus* Rud., 1808, of Erc., 1854, t. h. *Canis fam.*; Europe; see *canina*.—1854: *Doch.* 1859: *Doch.* 1862: *Dachmius*. 1885: *Unc.* 1888: *Ankylostoma*. [1889: *Unc. canina*.] 1902: *Unc. canina*. 1898: *Uncinaria*. 1900: *U. canina*.

- trigonocephalus* Rud., of Gurlt., 1831a, in *Canis* fam., see *stenocephala*.—1831: Str. 1859: Doch. 1885: *Ankylostoma*.
- trigonocephalus* Rud., 1808a, of Linst., 1885b, 238, in *Canis vulpes*.—1885: *Ankylostomum*.
- trigonocephalus* Rud., 1808a, of Linst., 1885b, 238, in *Canis azaræ*.—1889: *Ankylostomum* (Str.).
- trigonocephalus* Rud., of Linst., 1896a, 18, in *Canis lagopus*.—1896: *Ankylostomum*.
- trigonocephalus* Rud., 1808a, of Rail., 1900d, 87, and 1900e, 106, t. h. *Ovis aries*; Alfort Mus.—1808: Str. 1900: Unc. (*Monodontus*). 1900: *Monodontus*. 1902: Bunost., tod.
- trigonocephalus* Rud., from *Sus scrofa*; Mus. Berl.; see Rail., see *longemucronatum*.—1912: Str.
- trigonocephalo* Cuille, 1908, 747, for *trigonocephalum* (*Anchilostoma*, *Ancylostoma*).
- trigonocephalus* Carita, 1887c, 136, for *trigonocephalus* (Doch.).
- trigonophalus* Rud., 1805, 36, nomen nudum, t. h. given as *Canis* fam., later shown to be *Ovis aries*; Alfort Mus.—1805: Str.
- trigonouphalus* Wucherer, 1868, 230, misprint for *trigonocephalus* (Docmuis).
- trigonura* Dies., 1851a, 186, t. h. *Cobitis barbatula*; Ireland.—1851: Asc.
- trigora* Zsch., 1896, 784, misprint for *trigonura* (Asc.).
- trikuspis* Schneidem., 1896a, 321, for *tricuspis* (Ollulanus).
- trilabium* Linst., 1904f, 7, t. h. *Centropus sinensis*; Horana.—1904: Het. 1914: *Ascaridia*.
- trilobum* Linst., 1875a, 198, t. h. *Vanellus cristatus*; by Linst.—1875: *Trichosoma*. 1915: Cap. (Thominx).
- trilobus* Villot, 1874a, 59; Jersey, Mus. Par.—1874: Gord.
- trilobus* Villot of Oerley, 1881a, 330; Lima, Peru.—1881: Gord.
- tringæ* M. C. V. in Rud., 1819a, 10, t. h. *Tringa aplina*; C. E. V.—1819: Fil.
- trinodosa* Zed., 1803a, 55, t. h. *Salmo salar*.—1803: *Capsularia*.
- trienucha* Skrj., 1916, 517, for *triænucha*, 1879 (*Streptocara*).
- tripapillatus* Daday, 1905, 67, in fresh water; Paraguay.—1905: *Dorylaimus*.
- tripartita* Linst., 1906, in Excrement eines Affen; Ing.—1906: *Rhabditis*.
- triplogaster* Oerley, 1880a (b), 69 (57).—1880: *Plectus*.
- tripunctatus* Müell., 1786a, 52.—1786: *Vibrio*. [1838: ? *Navicula gracilis*.]
- triquetra* Zed., 1800a, 43, for *triquetra* (Fus.).
- triquetra* Schrank, 1790a, 120, t. h. *Vulpes*; Schrank.—1790: Asc. 1800: Fus. 1809: Asc. [1907: *Belasc.*]
- triradiata* Hall, 1916a, 66, in *Ammospermophilus leucurus cinnamomeus*, *Callospermophilus lateralis*; Colo.—1916: *Oxyuris*.
- trispinosa* Rail. & Henry, 1916, 248, new name for *Oxyuris ornata* of Walter, 1856a.—1916: *Cosmocerca*.
- trispinosus* Leidy, 1851b (1904a), 240 (58), t. h. *Emys guttata*.—1851: *Cucullanus*. 1915: *Camallanus*.
- trispinulosa* Dies., 1851a, 274, t. h. *Canis* fam. *fricator*; by Gescheidt.—1851: Fil.
- tristichæta* Panceri [nv.]; Schep., 1907a, 159.—1907: *Chaetosoma*.
- tristis* Ditlevsen, 1912, 235, in the *Furesö*.—1912: *Cylindrolaimus*.
- tritici* Bast., 1865c, 107, at roots of wheat; Broadmoor, Berks.—1865: *Dorylaimus*.
- tritici* Bast., 1865c, 120, in sheaths of wheat; Broadmoor, Berks.—1865: *Plectus*.
- tritici* Steinbuch, 1799a, 251 [in wheat; based on Roffredi, 1775a].—1790: *Vibrio*. 1845: *Rhabditis*. 1857: *Anguillula*. 1859: *Anguillulina*, probably type. 1862: *Anguilla*. 1865: *Tylenchus*. 1877: *Anguilla*. 1909: *Dylenchus*.
- tritonis* Dies., 1861a, 667, t. h. *Triton tæniatus*; Clap., 1859.—1861: Asc.
- tritonis* Krabbe, 1857a, 520, t. h. *Triton punctatus*; Paris.—1857: *Trichosoma*.
- tritonis* Linst., 1877a, 12, t. h. *Triton tæniatus*; Ing.—1877: *Agamonematodum*. 1909: *Agamonema*.
- tritonis* Westrumb, 1821a, 42, t. h. *Triton alpestris*; M. C. V.—1821: *Echinor*.
- tritonis-cristati* Dies., 1861a, 692, t. h. *Triton cristatus*; Wedl; Krabbe, 1857a, 520—522.—1861: *Trichosoma*. 1915: Cap.
- tritonis-punctati* Dies., 1851a, 262, t. h. *Lissotriton punctatus*; Medonix; Duj. 1845a, 21.—1851: *Trichosomum*. 1915: Cap.
- trivalens* Zach., 1912, 718.—1912: Asc. *megaloccephala*.
- trochili* M. C. V. in Mol., 1858c, 426, t. h. *Trochilus amethystinus*; Brazil.—1858: Fil.
- trochili-amethystini* Mol., 1858c, 426, t. h. *Trochilus amethystinus*; Brazil.—1858: Fil.
- trogonis-cincti* M. C. V. in Mol., 1860b, 936.—1860: *Spiropt*. [1860: *S. semilunaris*.]
- trogonis-melanuri* M. C. V. in Mol., 1860b, 936, so. *semilunaris*.—1860: *Spiropt*.
- trogonis-violacei* M. C. V. in Mol., 1858c, 377, so. *circumflexa*, t. h. *Trogon aurantius*; Brazil.—1858: Fil.
- tropica* Rud., 1809a, 56.—1809: Fil. [1809: *F. medinensis*.]
- truncata* Ben., 1871a, 19, t. h. *Raia clavata*; Belgium.—1871: *Eustoma*, mt.

- truncata* Crep., 1825a, 12, t. h. Upupa epops: by Crep.—1825: Spiropt. 1845: Disph.
truncata Mans., 1907 [nv.]; Braun, 1908a, 305: t. h. Homo.—1907: Fil. ozzardi.
truncata Rud., 1793a, 12, t. h. Ursus meles; by Rud.—1793: Asc. [1801: Lior., ? type.]
 1802: Lior., ? type.
truncata Rud., 1809a, 59, t. h. Tinea padella: by Nitzsch.—1809: Fil. 1815: Gord.
 (Fil.). [1865: Mermis albicans.] 1892: Mermis.
truncata Schneid., 1866a, 60, t. h. Phasianus gallus: Brazil.—1866: Physalopt.
truncata Zed., 1803a, 105, hermaphrodita renamed, t. h. Psittacus æstivus.—1803:
 Fus. 1809: Asc. 1845: Asc. (Ascaridia, tsd.). 1866: Het. 1912: Ascaridia,
 type.
truncato-caudata Deslgch., 1824p, 394, in Vanneau [Vanellus cristatus]; by Deslgch.—
 1824: Fil.
truncatula Rud., 1809a, 173, t. h. Perca fluviatilis, P. lucioperca: by Rud.—1809: Asc.
truncatula Rud., 1819a, 214, t. h. Phalangium cornutum, P. opilio; Europe.—1819:
 Fil. 1851: Gord. 1861: Mermis [Agamomermis].
truncatula Hofer, 1904a, 284, for truncatula (Asc.).
truncatus Bast., 1865c, 101, in water; Falmouth.—1865: Mononchus, tsd.
truncatus Bast., 1865c, 101, in water; Falmouth.—1865: Mononchus, tsd. 1916: M.
 (M., type).
truncatus Cobb, 1913, 440, roots of cotton plants; S. Carolina.—1913: Antholaimus,
 mt.
truncatus Cobb, 1914, 38; Silver Springs, Fla.—1914: Cyatholaimus.
truncatus Lam., 1801a, 339, in horses, dog, etc.—1801: Orino, mt.
truncatus Nitzsch, in Gieb., 1857a, 269, t. h. Rehbock; Germany.—1857: Str.
truncatus Rud., 1814a, 88, t. h. Silurus glanis; by Rud.—1814: Cucullanus.
truncatus Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: Vibrio. [1838: ? En-
 chelys.]
truncatula Sieb., 1854a, 111, lapsus for truncatula (Asc.)
trutta Dies., 1851a, 51, apparently for annulatus, in Salmo trutta, quotes Fabr., 1794,
 38, pl. 4 figs. 4-6.—1851: Echinor.
trutta Fabr., 1794, 30, t. h. Salmo trutta.—1794: Cucullanus.
trutta Gmel., 1790a, 3036, t. h. fario; Goeze, 1782a.—1790: Asc. 1803: Fus. 1809:
 Asc. [1851: Asc. obtusocaudata.]
trutta Schrank, 1788a, 24, t. h. Salmo fario; Goeze, 1782a.—1788: Echinor.
tuba Rud., 1802a, 57, t. h. Strix flammea.—1802: Echinor.
tubæformis Sons., 1889g, 282, misprint for tubæformis (Str.).
tubæformis Leuck., 1868a, 466, in Affen; quotes Schneid.—1868: Trichoc.
tubæformis Zed., 1800a, 73, t. h. Felis dom.; Europe.—1800: Str. 1845: Doch. 1859:
 Ophiost. 1866: Doch. 1871: Str. (Doch.). 1885: Ankylostomum. 1888: Anky-
 lostoma. [1885: Ancylostoma.] 1889: Docmius. 1898: Unc. 1899: Anchy-
 lostomum. [1900: Unc. sp.] [1900: Unidentifiable.]
tubæformis balsami (Par. & Grassi, 1877) Lutz, in Thornhill, 1895a, 383, in cat.—1895:
 Doch.
tuberculata Linst., 1877a, 11, t. h. Hirundo urbana; lng.—1877: Fil.
tuberculata Linst., 1902a, 219, t. h. Dacelo gigantea; S. E. Africa.—1902: Spiropt.
tuberculata Linst., 1904n, 300, t. h. Trachysaurus rugosus; Australia.—1904: Oxyuris.
tuberculatum Linst., 1903k, 114, t. h. Megalophrys montana; Siam.—1903: Oxyosoma.
tuberculatum Linst., 1914, 39, t. h. Acipenser ruthenus; Biol. Station Wolga.—1914:
 Trichosoma. 1915: Cap. (Cap.).
tuberculatum Par. & Stoss., 1901a (1902a), 1 (7), t. h. Dasypus sp., D. villosus; Genova
 from Argentina.—1901: Oesophagost.
tuberculatus Eberth, 1863a, 38, marine; Nizza.—1863: Enoplus. 1865: Phanoderma.
tuberculatus Linst., 1901b, 417; Nyassa-See, bei Langenburg.—1901: Chord.
tuberculatus Villot, 1874a, 63; Rochamston, New Holland; Mus. Par.—1874: Gord.
tuberosa Linst., 1906, 172, t. h. Mabuia carinata; Colombo.—1906: Fil.
tuberosus Zed., 1803a, 163, t. h. Cyprinus rutilus; quotes Müell.—1803: Echinor.
tubicola Müell., 1776, 216.—1876: Lumbricus.
tubifer Cobb, 1914, 73 (39); Arlington, Va.—1914: Plectus.
tubifera Fab., 1780a, 273, t. h. Phoca barbata; Greenland.—1780: Asc. 1790: Echinor,
 1791: Proboscidea. [1801: Lior.] 1803: Echinor.
tubifex Müell., 1774, 27.—1774: Lumbricus. [1816: Tubifex, tat.]
tubifex Nitzsch in Rud., 1819a, 31, t. h. Mergus merganser; by Nitzsch.—1819: Str.
 1851: Eustr. 1909: Eustrongylides, tod. 1861: Hystrichis.
tubifex tantali M. C. V. in Mol., 1861a, 609, (185), t. h. Ibis nudifrons; Brazil.—1861:
 Str.
tubiforme Perronc., 1882a, 368, see tubæformis (Str.).
tubiformis Crep., 1847a, 290, for tubæformis.—1847: Str. 1900: Unc.

- ulostoma* Hempr. & Ehrenb. in Schneid., 1866a, 80, 102, t. h. *Vultur percnopterus*; Tor.—1866: Spiropt. 1866: Fil.
- tulura* Leidy, 1887b, 21, t. h. *Buteo lineatus*; Penn.—1887: Asc.
- tunbridgensis* Oerley, 1880, 138, misprint for *tunbridgensis* (Mononchus).
- tumefaciens* Henry & Blanc, 1912, 390, t. h. *Macacus cynomolgus*.—1912: Physalopt.
- tumescens* Linst., 1896a, 12, t. h. *Atherinichthys microlepidotus*; Coll. Mich.—1896: Echinor.
- tumida* Zed., 1803a, 61, t. h. *Anas querquedula*; by Zed.—1803: Cap. 1828: Trichosoma.
- tumidulus* Rud., 1819a, 69, t. h. *Crotophaga ani*, *Falco albicollis*; Brazil.—1819: Echinor. 1914: Chentror.
- tumidus* Mehl. in Crep., 1846a, 151, t. h. *Pleuronectes*; by M^uell.—1846: Echinor.
- tumidus* Schneid., 1866a, 174, t. h. *Delphinus phocaena*; Kiel.—1866: Pseudalius.
- tunbridgensis* Bast., 1865c, 102, in pond; Tunbridge Wells.—1865: Mononchus. 1916: M. (M.).
- tunicatus* Dies., 1839a, 230 t. h. *Manatus exunguis*; Borba.—1839: Heterocheilus, mt. 1841: Heterochilus.
- tunitæ* Weiss, 1914, 120, t. h. *Sula bassana*; Ile de Djerba.—1914: *Corynosoma hystrix*.
- turbinella* Dies., 1851a, 54, t. h. *Delphinus hyperoodon*; M. C. V.—1851: Echinor. 1908: Bolbosoma. 1908: Bolbor. 1915: Pomphor.
- turbo* Marcinowski, 1909, 135.—1909: Tylenchus.
- turdi* Gmel., 1790a, 3034, t. h. *Turdus*; Goeze, 1782a.—1790: Asc.
- turdi* Linst., 1877b, 173, t. h. *Turdus iliacus*; Ratzeburg.—1877: Fil. 1911: Spiropt.
- turdi* M. C. V. in Mol., 1858c, 396, t. h. *Anabates rufifrons*; Cuyaba.—1858: Fil. [1858: F. filiformis.]
- turdi* M. C. V. in Mol., 1858c, 423.—1858: Fil. [1858: F. *turdi-olivascensis palpebralis*.]
- turdi* M. C. V. in Mol., 1858c, 425.—1858: Fil. [1858: F. *myothera-campanisonæ*.]
- turdi* Mol., 1860b, 979 (71), t. h. *Turdus musicus*; M. C. V.—1860: Spiropt. [1913: ? Viguiera.]
- turdi* Rud., 1819a, 15, t. h. *Turdus viscivorus*; Wien.—1819: Trichosoma. 1915: Cap.
- turdi* Rud., 1819a, 711, 800, t. h. *Turdus*; Brazil.—1819: Dubium. 1851: Nematoidium.
- turdi-atrogularis* Linst., 1883a, 288, t. h. *Turdus atrogularis*; Turkestan.—1883: Fil.
- turdi-iliaci* Dies., 1851a, 184, t. h. *Turdus iliacus*; Goeze, 1782a.—1851: Asc.
- turdi-musici* M. C. V. in Mol., 1860b, 979.—1860: Spiropt.
- turdi-olivascensis* Linst., 1878a, 90, t. h. *Turdus olivascens*.—1878: Fil.
- turdi-olivascensis (palpebralis)* Mol., 1858c, 423, t. h. *Turdus olivascens*; Matogrosso.—1858: Fil.
- turdi-pilaris* Dies., 1851a, 184, t. h. *Turdus pilaris*; Goeze, 1782a.—1851: Asc. [turdorum] Goeze, 1782a, 77.—1782: Asc. teres [variorum].
- turdorum* Rud., 1819a, 9, t. h. *Turdus pilaris*, *T. viscivorus*; C. E. V.—1819: Fil.
- turgida* Rud., 1819a, 644, t. h. *Didelphys cayopollin*; Brazil.—1819: Physalopt. 1845: Spiropt. 1889: Physalopt.
- turgida* Schneid., 1866a, 69, t. h. *Ameiva teguixin*; Brazil.—1866: Het.
- turgida* Stoss., 1902d (e), 72 (12), t. h. *Larus argentatus*; Cagliari.—1902: Aprocta.
- turgida* Stoss., 1902d (e), 73 (13), t. h. *Didelphys azare*; Argentina.—1902: Gnathost.
- turgida* Stoss., 1902e, 2, t. h. *Didelphys crassicaudata*; Buenos Aires.—1902: Asc.
- turkestanicum* Skrz., 1915, 131, t. h. *Falco tinnunculus*; Turkestan.—1915: Serratospiculum, tod.
- turrifer* Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: Vibrio. [1838: Cocconema? (Navicula?)]
- turula* Stiles & Hass, 1894e, 340, misprint for *tulura*, in *Buteo lineatus*; Coll. Leidy.—1894: Asc.
- tylenchiformis* Daday, 1905, 62, in fresh water; Paraguay.—1905: *Hoplolaimus*, mt.
- typica* Cobb, 767, coast of Ceylon.—1890: *Anticoma* [not type].
- typica* Dies., 1861a, 644, t. h. *Dicholophus marcgravi*; Brazil.—1861: Allodapa.
- typicus* Brakenhoff, 1914, 281, see *ignavus* of Bast.; Eng.—1914: *Ironus ignavus*.
- typicus* Cobb, 1891c, 157; Bay of Nap.—1891: *Dipeltis*, tod. 1905: *Diplopetis*, tod.
- typicus* Man, 1880a, 64, in sand; Holland.—1880: *Tyrolaimophorus*, tod.
- typicus* Man, 1907, 242, free; Ierseke.—1907: *Metalinhomœus*, tod.
- typicus* Dies., 1861a, 669, t. h. *Delphinus*; Mus. Hafnense; Atlantic.—1861: Conoc., mt. 1894: Asc. (Peritrachelius). 1894: Peritrachelius.
- typicus* Savelev, 1912, 115, in Schlamm; Kolafjord.—1912: *Enoploides*, tod.
- typographi* Fuchs, 1914, 195, t. h. *Ips typographus*.—1914: *Tylenchus dispar*.
- typographi* Fuchs, 1914, 203, t. h. *Ips typographus*.—1914: *Tylenchus contortus*.
- uganda* Leiper, 1911, 554, t. h. monkey; Uganda.—1911: Spiropt.

- umbellifera* Mol., 1860b, 968, t. h. *Ibis rubra*, *Totanus melanoleucus*; Brazil.—1860: Spiropt. 1916: *Schistorophus*. 1916: *Sciadiocara*.
- umbrina-vulgaris* Dies., 1851a, 119, t. h. *Umbrina vulg.*; Nap.—1851: *Agamonema*.
- uncata* Daday, 1911, 488 [; *Vierwaldstätter-See*].—1911: *Limnomermis*.
- uncatus* Daday, 1908, 18.—1908: *Cephalobus*.
- uncinata* Drasche, 1884b, 327, t. h. *Testudo græca*; Trieste, or Wien Mus.—1884: *Oxyuris*.
- uncinata* Erc., 1859a, 362, t. h. *Equus caballus*; by Erc.—1859: *Trichina*.
- uncinata* Rud., 1819a, 26 t. h. *Anser dom.*; Ber.—1819: Spiropt. 1866: Fil. 1893: Disph. 1912: *Acuaria* (*Hamannia*, tod.). 1912: *Echinuria*.
- uncinata* Rud., 1819a, 661 of Trav., 1914, 139, in *Cavia porcellus*, *C. paca*; S. America.—1819: Asc. 1914: *Paraspidodera*, tod.
- uncinata* Rud., 1819a, 661, t. h. *Cavia aperea*, *C. paca*; Brazil.—1819: Asc. 1866: Het. [1914: *Paraspidodera*, tod.] 1916: *Subulura*.
- uncinata* Schneid., 1866a, 348.—1866: *Leptodera*. 1885: *Rhabditis*.
- uncinata* Zed., 1803a, 37, nuptæ renamed, t. h. *Phalæn. nupta*.—1803: Fil.
- uncinatus* Kaiser, 1893a, 14, hng.; Florida.—1893: *Echinor*. 1912: *Arhythomor*.
- uncinatus* Lundahl, 1848a, 283, t. h. *Anser albifrons*, etc.; by Lundahl.—1848: Str.
- uncinatus* Mol., 1858d, 154, t. h. *Trygon brucha*; Padua.—1858: *Echinocephalus*, type. 1904: *Cheiracanthus*. 1905: *C. (Echinocephalus)*.
- uncinatus* St. Joseph, 1900a, 227, t. h. *Loimia medusa*; Senegal.—1900: Lior.
- unciniformis* Stoss., 1896a, 88 (82), misprint for *cuneiformis* (Asc.).
- uncinipennis* Mol., 1860b, 928, t. h. *Rhea americana*; Brazil.—1860: Spiropt. 1861: *Cheilospirura*. 1911: *Spirura*.
- unciphaurus* Nev.-Lem., 1912a, 705, misprint for *unciphorus* (*Synthetocaulus*).
- unciphorus* Rail. & Henry, 1907a, 753, in *chèvre, mouton*; Ing.—1907: *Synthetocaulus*.
- undula* Müell., 1773b, 43, in *aqua Lemna cooperta*.—1773: *Vibrio*.
- undularis* Rud. [nv.]; Gieb., 1857a, 269, ? for *nodularis* (Str.).
- undulatus* Linst., 1906, 257, t. h. *Mantis* sp.; Sydney.—1906: Chord.
- undulatus* Nitzsch in Gieb., 1857a, 268 (94), t. h. *Falco brachydactylus*; Germany.—1857: *Echinor*.
- undulatus* Rail. & Henry, 1915, 451, t. h. *Damonias reevesi*, *Cisternon*; Mus. Königsb.—1915: *Camallanus*.
- undulosa-striata* Baird, 1862b, 113, t. h. *Sarcoramphus papa*; Brit. Mus.—1862: Asc.
- unguiculata* Rud., 1819a, 4, t. h. *Alauda arvensis*; by Klug.—1819: Fil.
- unguiculata* Rud., 1819a, 653, t. h. *Amphisbæna* sp.; Brazil.—1819: Asc.
- unguiculatus* Linst., 1906, 255, t. h. *Bufo viridis*; Korfu.—1906: Fil.
- unguiculatus* Linst., 1906, 255, t. h. *Bufo viridis*; Korfu.—1906: *Nematoxys*. 1916: *Oxysoma*. 1916: *Oxysomatium*.
- unguiculatus* Rud., 1809a, 93, t. h. *Lepus*; by Holstein-Beck.—1809: *Trichoc*. 1907: *Trycoc*. 1908: *Erycoc*. 1911: *Trichuris*.
- ungula* Linst., 1906, 113, t. h. *Sciurus vulg.*; Bredlauken b. Insterburg.—1906: *Oxyuris*.
- ungulata* Ben., 1871a, 45, t. h. *Labrus maculatus*; Belgium.—1871: Asc.
- unialata* Mol., 1860b, 960 (52), t. h. *Rhamphastos erythror.*, *R. vitellinus*; Brazil.—1860: Spiropt.
- unialata* Seur., 1914, 151, lapsus for *unilateralis* (*Habronema*).
- uniformis* Cobb, 1893a, 815 (38), in soil about roots of sugar cane; N. S. W.—1893: *Tylenchus*.
- uniformis* Cobb, 1914, 8, Cape Royds.—1914: *Monhystera*.
- unilateralis* Drasche, 1884a, 214, t. h. *Brycon falcatus*, *Dicotylen labiatus*, etc.; Ing.—1884: Spiropt.
- unilateralis* Mol., 1860b, 945, t. h. *Cephalopterus ornatus*; Brazil.—1860: Spiropt. 1914: *Habronema*.
- unipapillatus* Daday, 1905, 70, in fresh water; Paraguay.—1905: *Dorylaimus*.
- unispina* Dies., 1861a, 674, t. h. *Corvus cornix*; Lieberk.—1851: *Tropidocerca*. 1914: *Tetrameres*.
- univalens* Calkins, 1901b, 276.—1908: Asc. megaloc.
- upupæ* Rud., 1819a, 28, t. h. *Upupa epops*; C. E. V.—1819: Spiropt.
- upupæ-epops* Mol., 1860b, 942 (34), t. h. *Upupa epops*; quotes Brems.—1860: *Acuaria*.
- uranoscopi* Rud., 1819a, 57, t. h. *Uranoscopus scaber*; Nap.—1819: Asc.
- uria* Stewart, 1914, 247, in *Rambha* spaw; Chilka Lake.—1914: *Monhystera*.
- urksuk* Müell., 1776a, 214.—1776: Asc.
- urniger* Duj., 1845a, 541, t. h. *Pleuronectes solea*; Rennes.—1845: *Echinor*.
- urogalli* Linst., 1879b, 325, t. h. *Tetrao urogallus*; Ing.—1879: Fil.
- urogalli* Rud., 1809a, 198.—1809: Asc.
- uromasticis* Fraip., 1882a, 102, t. h. *Uromastix acanthinurus*; from Algeria.—1882: *Echinor*.

- uromasticola* Galeb, 1889a, 425 [nv.]; Seur., 1912, 223, t. h. *Uromastix*.—1912: *Oxyuris*.
urosululatum Aless., 1909, 459, t. h. *Sus scrofa* dom.; Italy.—1909: *Crassisoma*, mt.
ursi Duj., 1845, 88, t. h. *Ursus arctos*; Mus. Wien.—1845: *Spiropt*. 1894: *Gongylonema*.
ursi Duj., 1845a, 277, t. h. *Ursus maritimus*; Mus. Wien.—1845: *Doch*.
ursi Gmel., 1790a, 3060, t. h. *Ursus*; see Redi.—1790: *Tænia*. 1803: *Cysticercus*.
 1809: *Str*. 1851: *Nematoideum*.
ursi-arcti Rud., 1819a, t. h. *Ursus arctos*; Mus. Wien.—1819: *Spiropt*.
ursi-lotor M. C. V. in Mol., 1861a, 493 (69), t. h. *Procyon cancrivorus*; Brazil.—1861: *Str. forceps*.
ursi-maritimi Mus. Wien in Duj., 1845a, 277, so. *Doch. ursi*.—1845: *Str*.
utriculus Müell., 1773b, 48, in aqua fluviatili menses, vasculo stagnante.—1773: *Vibrio*.
 [1838: *Trachelius*.]
vacillans Leidy, 1856b, 50; near Phila.—1856: *Nema*, mt.
vacillatum Leidy, 1855b, 144, beneath stones, between tides; Point Judith.—1855: *Pontonema*, ? tsd.
vagans Eschr., 1841f (g), 345 (33), in porpoise; Europe.—1841: *Str*.
vaginatus Dies., 1851a, 34, t. h. *Pteroglossus viridis*, etc.; Brazil.—1851: *Echinor*.
valdemucronata Mol., 1860e, 339, t. h. *Ciconia maguari*; Caiçara, Brazil.—1860: *Asc*.
 1887: *Het*.
valderia Perronc., 1890, 541, nelle mufte al disotto di 40° C.—1890: *Anguillula*.
vallei Stoss., 1895c, 34, t. h. *Vipera ammodytes*; Nabresina.—1895: *Doch*. 1909: *Diaphanoc*.
vallentini Baylis, 1916, 293, under stones; Roy Cove, Falkland Is.—1916: *Diaphanoc*.
valvata Schneid., 1866a, 76, t. h. *Crypturus cupreus*; Brazil.—1866: *Het*.
vanelli Gmel., 1790a, 3046, t. h. *Vanellus*; Gœze, 1782a, 155.—1790: *Echinor*.
vanelli Rud., 1819a, 15, t. h. *Tringa vanellus*; C. E. V.—1819: *Trichosoma*. 1915: *Cap*.
vanelli Rud., 1819a, 29, t. h. *Tringa vanellus*; C. E. V.—1819: *Spiropt*. 1912: *Acuaria*.
vanelli Schrank, 1790a, 122, t. h. *Tringa vanellus*; by Schrank.—1790: *Str*.
vanessæ-antiopæ Dies., 1851a, 100, t. h. *Vanessa antiopa*; by Rœsel.—1851: *Fil*. 1851: *Gord*.
vanessæ-polychlori Dies., 1851a, 101, t. h. *Vanessa polychloros*; Germany, Eng.—1851: *Fil*. 1851: *Gord*.
vanessæ-urticæ Dies., 1851a, 101, t. h. *Vanessa urticæ*; by Werner & Hope.—1851: *Fil*. 1851: *Gord*.
varani Par., 1889c, 776 (12), t. h. *Varanus bengalensis*; Palon.—1889: *Physalopt*.
vari M. C. V. in Mol., 1861a, 542 (118); Brazil.—1861: *Str. colubri eririo*.
variabilis Dies., 1851a, 25, t. h. *Hypost. lituratus*, etc.; Brazil.—1851: *Echinor*.
variabilis McCarthy, 1902, 3; N. Carolina.—1902: *Gord*.
variegata Brug., 1792a, 131, t. h. cheval, mulet, etc.—1792: *Asc*.
variegata Rud., 1809a, 169, t. h. *Colymbus septentrionalis*; Greifsw.—1809: *Asc*.
variegatus Crep., 1849a, 64, trachealis of *Nathusius* renamed.—1849: *Str*. 1898: *Syngamus*.
variegatus Müell., 1774, 26.—1774: *Lumbricus*.
variopapillatus Rømer, 1895b, 800; Bahia.—1895: *Chord*.
variorum turdorum Gœze, 1782a, 97.—1782: *Asc. teres*. [See *ensicaudata*, *lancea*.]
varispinosus Jægers., 1909, 2, t. h. *Mergus serrator*; Coll. Par.—1909: *Hystriasis*.
varius Leidy, 1851a, 262, in water; New Jersey.—1851: *Gord*. 1896: *Chord*. 1897: *Paragord*, tsd.
vasculosus Rud., 1819a, 75, in abd. et. int. *Spari* (*Bramæ*) *raj*; Nap.—1819: *Echinor*.
 [1907: *Echinoma*.]
vasifa Lane, 1914, 384, t. h. *Elephas indicus*; Bengal.—1914: *Asifia*, tod.
vasorum Bail., 1866b, 69, t. h. *Canis* fam.; by Serres.—[1854: *Str*.] 1866: *Str*. [1907: *Hæmostr.*, tod.] 1912: *Hæmostr*. 1912: *Hæmonchus*. 1913: *Str*. (*Hæmostr.*). 1915: *Hæmostr*.
vasorum Friedländer, 1895, 263, in bloodvessel of earthworm, gen. sp. ?; by Friedländer.—1895: *Lumbricola*, mt.
vasorum canis Vogel (Rev. of Guittard, Deut. thierærtz. Woch.), 1899, 252, see *vasorum*.—1899: *Str*.
vasorum canis Schneidem., 1896a, 318, for *vasorum canis* (*Str*.).
vejdoskiyi Janda, 1894, 3.—1894: *Gord*. 1897: *Parachord*.
velatus Büetsch., 1873a, 38, on moss roots; by Büetsch.—1873: *Tylenchus*.
veligera Rud., 1819a, 656, t. h. *Lepus brasiliensis*; Brazil.—1819: *Asc*. 1866: *Dermatoxys*, mt.
velocissima Nordm., 1832a, 10, in eye, Barsche; by Nordm.—1832: *Oxyuris*. 1851: *Asc*.
velox Bast., 1865c, 119, from moss; Falmouth.—1865: *Plectus*.
velox Bast., 1865c, 157, tide-pools; Falmouth.—1865: *Theristus*. 1889: *Monohystera* (*Penzancia*, tsd.).

- vena medienensis* (Linn., 1758) Modeer, 1795a, 153.—1795: Furia.
veneta Stoss., 1897b, 77 (65), t. h. Ibis falcinellus; Padua.—1897: Fil.
ventralis Cobb, 1918, 196; Washington, D. C.—1918: Mononchulus, mt.
ventricosus Rud., 1809a, 222; t. h. Cervus elaphus; by Rud.—1809: Str. 1912: Hæmonchus.
ventricosus Rud., 1809a, 294, t. h. Mustela putorius; by Rud.—1809: Echinor.
ventriculi Dies., 1851a, 329.—1851: Nematodeum hominis.
[ventriculi Werner, 1782a, 19, in Homo {doubtful whether this is used as specific name}.—1782: Asc.]
venulosus Rud., 1809a, 221, t. h. Capra hircus; by Rud.—1809: Str. 1885: Oesophagost. 1913: Oesophagost. (Hysteracrum).
venustum Leidy, 1856b, 50, t. h. Testudo polyphemus; Georgia, U. S. A.—1856: Thelast. 1861: Anguillula (Th.).
vermiculari cauda subulata Rud., 1809a, 199.—1809: Asc. [See vermicularis c. s.]
vermicularis of Acharius, 1780a, 44, in Salmo eperlanus.—1780: Asc.
vermicularis of Bradshaw, 1876a, 837, in mules.—1876: Asc. [1876: Spiropt. megast. Spiropt. microst., Str. tetracanthus.]
vermicularis Linn., 1758a, 648, t. h. Homo; Europe.—1758: Asc. 1803: Fus. 1816: Oxyurus. 1819: Oxyuris. 1853: Enterobius, mt. 1859: Oxyures. 1888: Oxyurides. [1905: Oxyurias, tod.] 1907: Oxyuris (Oxyurias). 1907: Oxyurias, tod. 1909: Acyaris. 1916: Fusarella, tod.
vermicularis Müell., 1774, 26.—1774: Lumbricus.
vermicularis cauda subulata Gœze, 1782a, 108, t. h. Hechte & Lacerta palustris.—1782: Asc.
vermicularis hominis Kûech., 1856e, 85.—1856: Oxyuris.
vermicularis muris Frœl., 1791a, 99, t. h. Mus musculus; Gœze, 1782.—1791: Asc.
vermicularis pollicaris Pall., 1761a, 504.—1761: Asc.
vermiculus Müell., 1773b, 42, in aqua palustri.—1773: Vibrio. [1838: Bursaria intestinalis.]
vermiformis Roll, 1911, 181, lapsus for vermicularis (Oxyuris).
vermikularis Schneidem., 1896a, 323, for vermicularis.—1896: Askaris. 1896: Fus. 1896: Oxyuris.
verminicularis Probstmayr, 1865b, 178, misprint for vermicularis (Oxyuris).
verminus Müell., 1786, 57.—1786: Vibrio.
vermis Pereboom, 1780a, 20, see lumbricoides, 1758, t. h. Homo.—1780: Stomachida, mt.
vernicularis Frayse, 1895a, 11, misprint for vermicularis (Asc.).
verrucosa Mayer, 1841a, 15, Asc. acuminata renamed, in frogs & salamanders.—1841: Oxyuris.
verrucosa Mol., 1860e, 340, t. h. Dasyprocta aguti.—1860: Het.
verrucosa Mol., 1858c, 392, t. h. Falco swainsonii; Brazil.—1858: Fil. 1911: Spiropt. [1916: ? Serratospiculum.]
verrucosa Mol., 1860b, 964, t. h. Cervus nambi, C. dichotomus; Brazil.—1860: Spiropt. 1897: Fil.
verrucosum Giles, 1892d, 47, t. h. sheep; Shillong.—1892: Trichosomum. 1892: Gongylonema. 1892: Spiropt. 1894: G. 1911: G.
verrucosus Baird, 1853a, 36; Ing.—1853: Gord. 1896: Chord.
versicolor Rud., 1814a, 96, t. h. Anas fuligula, Fulica atra; by Rud.—1819: Echinor.
versipellis Müell., 1776a, 214, t. h. Gadus barbatus; Ing.—1776: Asc. 1791: Proboscidea.
vesicolare Perronc., 1882a, 305, for vesicularis 1791 (Eterakis).
vesicularis Carruccio, 1886, 293, misprint for vesicularis (Asc.).
vesicularis Frœl., 1791a, 85, t. h. Phasianus colchicus; by Frœl. 1791: Asc. [1800: so. Fus. reflexa.] 1845: Het., tod. 1859: Heteracis. 1878: Heterachis. [1882: Eterakis.]
vesiculosa Schneid., 1866a, 109, t. h. Psittacus sinensis; Ber. Zool. Gard.—1866: Ceratospira, mt.
vesiculosum Ratz, 1898a, 65.—1898: Oesophagost.
vesiculosus Schrank, 1790a, 124, t. h. Fulica fusca; teste Schrank.—1790: Echinor.
vesikularis Schneidem., 1896a, 323, for vesicularis (Het.).
vespæ-crabronis Dies., 1851a, 98, t. h. Vespa crabro; Sardinia.—1851: Fil. 1851: Gord.
vespæ-vulgaris Baird, 1853a, 113, t. h. Vespa vulg.; Eng.—1853: Gord.
vesperi-discoloris Kolenati, 1856d (1857a), 14, t. h. Meterous discolor.—1856 (1857): Nematodeum.
vesperi-serotini Kolenati, 1856d (1857a), 14, t. h. Cateorus serotinus; Patagium.—1856 (1857): Nematodeum.
vespertilionis Gmel., 1790a, 3030, t. h. Vespertilio auritus; Gœze, 1782a.—1790: Asc.

- vespertilionis* Rud., 1810a, 262, t. h. *Vespertilio*; teste Redi.—1810: Vermis (dubius). 1819: Dubium. 1851: Nematoideum.
- vespertilionis* Rud., 1819a, 7, t. h. *Vespertilio* discolor; C. E. V.—1819: Fil.
- vespertilionis* Rud., 1819a, 14, t. h. *Vespertilio lasiopter*; C. E. V.—1819: Trichosoma. 1915: Cap.
- vespertilionis-auriti* Rud., 1819a, 185, 553, 800, t. h. *Vespertilio auritus*; Mus. Wien.—1819: Dubium. 1851: Nematoideum.
- vespertilionis-discoloris* Rud., 1819a, 185, 554, 800, t. h. *Vespertilio discolor*; Mus. Wien.—1819: Dubius. 1851: Nematoideum.
- vespertilionis-serotini* Crep., 1844a, 117, t. h. *Vespertilio serotinus*.—1844: Nematoideum.
- vespertilionis* Kolenati, 1856d (1857a), 15, misprint for *vespertilionis* (Nematoideum).
- vesperuginis* Linst., 1885b, 243, t. h. *Vesperugo serotinus*; Ing.—1885: Fil. 1901: Spiropt. (Fil.).
- vespillonis* Linst., 1878b, 242, t. h. *Necrophorus vespillio*.—1878: Agamonematodum.
- vesuvianus* Cobb, 1893b, 294 (45), among moss; Mt. Vesuvius, Italy.—1893: Dorylaimus.
- vesuvianus helvetica* Steiner, 1914, 431; Switz.—1914: Dorylaimus.
- veterum* Pall., 1760a, 256.—1760: *Dracunculus*.
- veterum* Velsch, 1674, [nv.].—1674: *Dracunculus*.
- vevillatum* Hall, 1916a, 152, t. h. *Thomomys fossor*; Colo.—1916: *Heligmosomum*.
- vevilliger* Man, 1880a, 43, in moist soil; Holland.—1880: *Cephalobus*.
- vevilliger kerguelensis* Steiner, 1916, 323, free; Kerguelen.—1916: *Cephalobus*.
- vialæ* Lavergne, 1901a, 86.—1901: *Anguillula*.
- viannai* Trav., 1914, 326, t. h. *Didelphis aurita*; Rio de Jan.—1914: *Viannaia*, tod.
- vibrinus* Shipley, 1909, 340, for *vitrinus* (*Trichostr.*).
- vicarius* Stadelm., 1893a, 220, t. h. *Ovis aries*; Germany.—1893: Str.
- viguieri* Maupas, 1900a, 527, in terreau gras; Algeria.—1900: *Rhabditis*.
- villosa* Büetsch., 1873a, 64, on moss roots.—1873: *Monhystera*. 1914: *Monohystera*.
- villosa* Bast., 1865c, 123, in tufts of moss; Tortula, Broadmoor, Berks.—1865: *Aphelenchus*.
- villoti* of Cam., 1891b, 130.—1891: Gord.
- villoti* Perrier, 1875, 1101, free; Roscoff.—1875: *Polygord*.
- villoti* Rosa, 1882a, 333; Alps.—1882: Gord.
- villoti difficilis* (Montg., 1898) Montg., 1907, 271.—1907: Gord.
- vimba* Linst., 1877b, 179, t. h. *Abramis vimba*; Hameln.—1877: Asc. 1904: *Agamonema*.
- violaceus* Baird, 1853a, 36, t. h. *Carabus violaceus*; Berwickshire.—1853: Gord. 1897: Parachord.
- viperæ* Linst., 1902a, 217, t. h. *Vipera arietans*; Holub, S. Africa.—1902: Asc.
- viperæ* Rud., 1819a, 37, t. h. *Vipera redii*; C. E. V.—1819: Str. 1851: *Diaphanoc*. 1897: Sclerost.
- viperæ-lanceolata* M. C. V. in Mol., 1861a, 549 (125).—1861: Str. [1861: *Kalic. bothropis*.]
- virginiana* Cobb, 1914, 117, cranberry bog; Arlington Farms, Va.—1914: *Mesomermis*.
- virginianus* Cobb, 1913, 440; Arlington.—1913: *Dorylaimellus*, mt.
- viridis* Bast., 1865c, 137, tide-pools; Falmouth.—1865: *Oncholaimus*.
- viridis* Linst., 1876a, 14; Ratzeburger-See.—1876: *Chromadora*.
- visceralis* Gmel., 1790a, 3031, t. h. *Canis fam.*; teste Redi.—1790: Asc. 1803: *Fus*. 1885: *Eustr*. 1896: *Diectophyme*. 1905: *Enstr*. 1907: *Eustr*.
- viscerum* Dies., 1851a, 329, t. h. *Homo æthiopicus*; by Pruner.—1851: *Nematoideum hominis*.
- viscosus* Bast., 1865c, 136, marine surface mud from estuary; Falmouth.—1865: *Oncholaimus*. 1890: *O*. (*Viscosia*, tsd.).
- visianii* Dies., 1859e, 748, for *de visianii*, t. h. *Gobius paganellus*; Padua.—1859: *Echinor*.
- nitensis* Gilson, 1898a (b), 335 (1), t. h. *Julus solomonensis* Fiji.—1898: Carnoya, mt.
- vitrea* Hamm., 1838a, 351, t. h. *Trichius hemipterus*; by Hamm.—1838: *Filarina*, mt.
- vitrei* Chiralt, 1880a, 5, t. h. *Homo*.—1880: Fil. [1880: var. of *F. oculi*.]
- vitrinus* Looss, 19050, 421, t. h. *Camelus dromedarius*, etc.; Egypt.—1905: *Trichostr*. 1912: Str.
- vituli* Gmel., 1790a, 3032, t. h. *Bos taurus*; Gœze, 1782a.—1790: Asc. 1803: *Fus*. [1809: Str. *vitulorum*. 1899: Str. *micrurus*.]
- vituli* Neum., 1883a(b), 362(1), t. h. *Bos taurus*; Europe.—1883: Asc. [Cf. *vituli* Rud., 1809a, 125.]
- vituli* Rud., 1809a, 124, refers to *Vallisnieri*.—1809: *Lumbricus teres*.
- vituli* Rud., 1809a, 125, *vitulorum* renamed, t. h. *Bos taurus*; Gœze, 1782a.—1809: Asc. *gigas*.
- vitulorum* Gœze, 1782a, 72, t. h. *Bos taurus*; Europe.—1782: Asc.

- vitulorum* McCoart, 1880a, 62, for *vitulorum* (Str.).
vitulorum Rud., 1809a, 245, t. h. *Bos taurus*; Europe.—1809: Str.
viveræ M. C. V. in Mol., 1858c, 389, t. h. *Nasua narica*; Nas Trechas, Coll. Brazil.—1858: Fil. [1858: *F. incrassata*.]
viveræ-naricæ M. C. V. in Mol., 1861a, 493(69), t. h. *Nasua narica*; Brazil.—1861: Str. [1861: *Doch. bidens*.]
vivipara Bast., 1865c, 133, surface mud, marine estuary; Falmouth.—1865: *Symplocost.* 1874: *Anoplost.*, tod.
vivipara Man, 1907, 238; Ierseke.—1907: *Chromadora*.
vivipara Leiper, 1910, 235, t. h. Hippopotamus; Victoria Nile.—1910: *Cobboldia*, tod. [1911: *Cobboldina*, tod.]
vivipara Linst., 1904f, 13, t. h. *Corvus splendens*; Colombo.—1904: Fil.
vivipara Linst., 1906, 269, t. h. *Gavialis gangeticus*; Calcutta Zool. Gard.—1906: *Micropleura*, mt.
vivipara Probstmayr, 1865b, 178, t. h. *Equus cab.*; by Probstm.—1865: *Oxyuris*. [1887: *Rhabdonema*.] 1893: *Anguillula*. 1905: *Strongyloides*. 1907: *Rhabdonema*. 1907: *Probstmayria*, tod. [1912: *Anguillula*.]
vivipara Wedl, 1861b (1862), 471, t. h. *Uromastix spinipes*; Egypt.—1861: *Tachygonetria*, mt. 1912: *Oxyuris*.
viviparus Bloch, 1782a, 33; an der Seuche verrekten Viehes; by Camper.—1782: Gord. 1907: *Dictyocaulus*.
viviparus Bloch, 1782a, 34, t. h. *Perca fluvi.*; by Bloch.—1782: *Cucullanus*.
viviparus Cobb, 1915, 42; Douglas Lake, Mich.—1915: *Aphanolaimus*.
viviparus Linst., 1879a, 166, in fresh water on plants; Ing.—1879: *Diplogaster*.
viviparus Linst., 1899b, 12, t. h. *Equus bohmi*; E. Africa.—1899: *Pteroc.*, mt. 1909: *Crossoc.*, type.
viviparus Linst., 1906, 253, t. h. *Damonias revesii*, *Cinosternon*; Zool. Mus. Königsb.—1906: *Cucullanus*.
viviparus Plotnikof, 1901a, 244, free; Bologoje-See, Russia.—1901: *Aphanolaimus*.
vivipara Neum., 1892a, 393, misprint for *vivipara* (*Oxyuris*).
volvulus Rail., 1893a, 522, misprint for *volvulus* (Fil.).
volvulus Leuck. in Mans., 1892b, 88, for *volvulus* (Fil.).
volvulus Leuck. in Mans., 1893, 963, for *volvulus* 1892, t. h. *Homo*; W. Africa.—[1892: Fil.] 1893: Fil. 1910: *Onchocerca*. 1914: *Microfil.* 1916: Fil. (*Onchocerca*).
volvulus Leuck. in Mans., 1893, 963, error for *volvulus* (Fil.).
volvulus Rail. & Henry, 1910, 91, for *volvulus* (Fil.).
vorax Cobb, 1917, 119, in marine sand; Miami, Fla.—1917: *Cheironchus*, tod.
vorax Cobb, 1917n, 438, in soil; Wisconsin & New Jersey.—1917: *Mononchus* (*Mononchus*).
vosenani Reichenau in McCoy, 1912, 558, misprint for *rosenau* (*Microfil.*).
vryburgi Rail., 1902b, 107, t. h. *Bibos indicus*; Deli-Sumatra.—1902: *Agriost.*, mt.
vryburgi Rail. of Vryburg, 1907k, 327, t. h. *Rinder* (*Bos*); Deli-Sumatra.—1907: *Agriost.* [1909: *Bunost. phlebotomum*.]
wuchereiri Magal. in Silva Lima, 1877a, 544 for *wuchereri*.—1877: Fil.
vulgaræ Looss, 1900c, 152, t. h. *Equus*.—1900: *Sclerost.* 1909: Str.
vulgaris Bast., 1865c, 135, tide-pools; Falmouth.—1865: *Oncholaimus*.
vulgaris Bast., 1865c, 158, tide-pools; Falmouth.—1865: *Comesoma*, tsd.
vulgaris Bast., 1865c, 167, tide-pools; Falmouth.—1865: *Chromadora*, tsd. 1886: *Euchromadora*, tod.
vulgaris Bosc, 1802, 42, in dom. quadrupeds.—1802: Crino.
vulgaris Cobb, 1898d, 406; coast of N. S. W. & Victoria.—1898: *Graphonema*, mt.
vulgaris Man, 1884a, 39.—1884: *Monhystera*.
vulgaris Man, 1886, 61 [marine; Zealand].—1886: *Tripyloides*, tsd.
vulgaris Man, 1893a, 119, free; Falmouth.—1893: *Enoplolaimus*, mt.
vulgaris Man, 1907, 237, free; Ierseke, Eng.—1907: *Parasabateria*, mt.
vulgaris Hooper, 1799a(b), 231(10), t. h. *Homo*.—1799: *Trichuris*. 1813: *Tricuris*.
vulgaris Mérat, 1821, 225, for *lumbricoides*.—1821: *Lombricoides*, mt.
vulgaris Morren, 1829b, 1, s. *terrestris*.—1829: *Lumbrici*.
vulpinus Fabr., 1794a, 12, *Unc. vulpis* renamed.—1794: Str.
vulpis Duj., 1845a, 283, t. h. *Canis vulpes*; M. V.—1845: Lior. 1915: *Crenosoma* (*Filaroides*).
vulpis Frœl., 1789a, 137, t. h. *Canis vulpes*; by Frœl.—1789: *Unc.*, tsd. 1800: Str. [1845: *Doch.*, tsd.]
vulpis Frœl., 1789a, 140, t. h. fox; by Frœl.—1789: *Asc.* 1911: *Belasc.*
vulpis Frœl., 1789a, 142, t. h. *Canis vulpes*; by Frœl.—1789: *Trichoc.* 1803: *Mastigodes*. 1908: *Trichuris*.
vulpis Geze, 1782a, 84, in Fuchs; Rekan.—1782: *Asc. teres*.

- vulpis* Rud., 1809a, 68, t. h. Vulpes; by Camper.—1809: Fil.
vulpis Rud., 1819a, 185, t. h. Canis vulpes; by Brems.—1819: Dubium. [1819: ? Str.] 1851: Str.
vulpis glandularis Rud., 1819a, 36, t. h. Vulpes; Mus. Wien.—1819: Str.
vulpis esophageus Rud., 1819a, 36, t. h. Vulpes; Mus. Wien.—1819: Str.
vulturis Cat. RCSL, 1830, 41, t. h. vulture.—1830: Str.
vulturis Mol., 1860b, 976(68), t. h. Cathartes papa; Brazil.—1860: Spiropt. 1897: Fil.
vulturis-papæ M. C. V. in Mol., 1860b, 976.—1860: Spiropt. [1860: S. vulturis.]
vulturis-urubu M. C. V. in Mol., 1860b, 941, t. h. Cathartes urubu; Brazil.—1860: Spiropt. [1860: S. singularis.]
ulvaria Mol., 1860b, 978, t. h. Icterus lacernulatus, Momotus leuallanti; Brazil.—1860: Spiropt. 1891: Disph.
ulvoinflata Mol., 1860b, 969(61), t. h. Trochilus ochropygus; Brazil.—1860: Spiropt. 1916: Serticeps, tod.
wachnia Dies., 1851a, 118, t. h. Gadus wachnia; by Tilesius, Ing.—1851: Agamonema.
wachnia Rud., 1819a, 79, t. h. Gadus wachnia; based on Tilesius, 1810.—1819: Echinor.
weberi Villot, 1891c, 137; Sumatra.—1891: Gord., 1896: Chord.
websteri Cobbold, 1879b, 433, t. h. Kangaroo.—1879: Fil.
wedli Jägers., 1909, 3, for wedlii, t. h. Fulica atra; Coll. Linst.—1909: Hystrichis.
wedli Sons., 1896m, 438, t. h. Erinaceus auritus; Egypt.—1896: Echinor.
wedli Stoss., 1896a, 62, t. h. Mullus barbatus; Trieste.—1896: Asc.
wedli Stoss., 1899d, 124(70), for wedlii.—1899: Monodontus.
wedlii Linst., 1879a, 173, t. h. Fulica atra; by Wedl and Linst.—1879: Hystrichis.
wedlii Mol., 1861a(b), 467(43), t. h. Antelope rupicapra, Capra aries, etc.; M. C. V.—1861: Monodontus.
weinbergi Rail. & Henry, 1909a, 87, in chimpanze; by Weinb. & Romanovitch.—1909: Nematodirus.
weinbergi Skrz., 1916, 534, t. h. Midas sp.; Guyane Française.—1916: Gnathost.
weissi Seur., 1914, 524, t. h. Elephantulus desertus; Bou-Saâda, Algeria.—1914: Acanthocheilonema.
weismanni Eberth, 1863b, 530, t. h. Rana temp.—1863: Myoryctes. 1869: Myoryktes.
weismanni zur Strassen, 1904a, 302, free; Nap.—1904: Anthraconema, tsd.
weissi Seur., 1913, 127(2), t. h. Macroscelides rozeti; Tunis.—1913: Maupasiella, mt. 1913: Maupasina, type.
[wernerii Rud., 1793a, 11, t. h. Canis fam.; refers to Lumbricus canis of Werner and is probably not used as specific name.]—1793: Asc. 1800: Fus. [1809: Asc. marginata.]
westeri Ihle, 1917, 71.—1917: Strongyloides. 1918: Strongylus.
westrumbi Speiser, 1900b, 29, for westrumbii (Arthror.).
westrumbii Kolenati, 1857e, 68, on Megistopoda westwoodii im Balge des Rhinolophus euryle; Banat, etc.; by Kolenati.—1857: Arthror.
willei Linst., 1904f, 9, t. h. Coluber helena, Vipera russelii, Colombo, Weligatta, Horana.—1904: Kalic. 1909: Diaphanoc.
willei Cam., 1899, 466; Nuova Britannia.—1899: Gord.
wilsoni Baylis, 1915, 415, in gill chambers of Gecarcinus ruficollis; Jamaica.—1915: Monhystera.
wilsoni Cobbold, 1876x, 89, t. h. Crenilabrus rupestris; by Wilson.—1876: Agamonema.
wolterstorffii Cam., 1888, 6.—1888: Gord. 1897: Parachord.
wolterstorffii Cam., 1897k, 418, for wolterstorffii (Parachord.).
worthingi Zelinka in Southern, 1914a, 71; Blacksod Bay.—1914: Echinoderes.
wuchereri Silva Lima, 1877, 395, t. h. Homo; S. America.—1877: Fil.
wuchereria Felicio dos Santos, 1877a, 137, t. h. Homo; Rio de Janeiro.—1877: Fil.
wuchereri Cast. & Chalm., 1910a, 1186, for wuchereri (Fil.).
wucherii Fayrer, 1879b, 189, for wuchereri (Fil.).
wuchereri Mans., 1907, 596, for wuchereri (Fil.).
wymani Leidy, 1882b, 109, t. h. Plotus anthinga; Florida.—1882: Fil.
xenopeltidis Shipley, 1903l, 151, t. h. Xenopeltis unicolor; Kwala Aring.—1903: Echinor.
xenopsis M. C. V. in Mol., 1858c, 398, t. h. Xenops sp. incerta; Marabitanas.—1858: Fil. [1958: F. obtusa.]
xiphias Gmel., 1790a, 3047, t. h. Xiphias gladius; Redi.—1790: Echinor.
xiphias Rud., 1819a, 800, t. h. Xiphias gladius.—1819: Dubium.
xylebori Roux, 1906a, 49, in larvæ of Xyleborus dispar, X. saxeseni; Lyon.—1906: Tylenchus.
yaba Connal, 1912, 231, t. h. Centropus senegalensis; Lagos.—1912: Fil.

- zavattarii* Cam., 1908, 117; Darjiling.—1908: Gord.
zebra Mongrand, 1852a, 63, t. h. Homo; Brest.—1852: Fil.
zebræ Skrj., 1916, 46, t. h. zebra, Brit. E. Africa.—1916: Asc.
[zederi Rud., 1801a, 56, not in specific sense.—1801: Goezia.]
zeelandicus Man, 1876a (b), 122 (45); Walcheren.—1876: Tylencholaimus.
zeelandicus Man, 1880a, 14, free; Walcheren.—1880: Desmolaimus, mt.
zelinkæi Southern, 1914a, 70; Clew Bay.—1914: Pycnophyes.
zenis Westrumb, 1821a, 11, for fabri 1819, 1819.—1819: Echinor.
zenis-aperi Rud., 1819a, 194, t. h. Zeus aper; Nap.—1819: Dubium.
zenis-fabri Rud., 1819a, 11, t. h. Zeus faber; C. E. V.—1819: Fil.
zenis-fabri Rud., 1819a, 193, t. h. Zeus faber; Rimini.—1819: Dubium.
zeuis-fabri Dies., 1851a, 119, for zenis-fabri (Fil.).
zeylanica Linst., 1907, 172, for ceylanica (Asc.).
zykoffi Man, 1903, 61; Zykof, 1903a, 61.—1903: Pseudomermis, ? mt.
zograffi Man, 1885a, 24, in soil; Moskow.—1885: Dorylaimus.
zolæ Mar., 1870a, 29; Crozon, Roscoff.—1870: Thoracost. 1875: Leptosomatum.
zosteropsis Porta, 1913, 170, t. h. Diaphoropterus nævius simillimus, *Zosterops lateralis* griseonota; New Caledonia.—1913: Chentrosoma.
zschokkei Daday, 1906, 413, free; Vierwaldstædter-See.—1906: Dorylaimus.
zschokkei Daday, 1911, 492; Vierwaldstædter-See.—1911: Mesomermis.
zschokkei Daday, 1913, 224.—1913: Eumermis.
zschokkei Lauterborn, 1913, 871.—1913: Diplogaster.
zschokkei Linst., 1899b, 13, t. h. Testudo tabulata; Brazil.—1899: Labiduris.
zschokkei Menz., 1913, 408; Alpes, Switz.—1913: Mononchus. 1917: M. (Iotonchus).
zschokkei Meyer, 1896b, 55, t. h. Manis pentadactyla; Ceylon.—1896: Fil.
zschokkei Rail. & Henry, 1911, 579, t. h. Rhea americana; Bâle Zoo.—1911: Spirura.
zschokkei Schmassmann, 1914, 401; Silvaplanersee, Vierwaldstædtersee, Switz.—1914: Paramermis.

BIBLIOGRAPHY OF SUPERGENERIC, GENERIC, AND SPECIFIC NAMES USED FOR ROUNDWORMS (NEMATODA, GORDIACEA, ACANTHOCEPHALI) AND OF DISEASES CAUSED BY THEM.

The main portion of this index is made up of an alphabetical list of superspecific names used in connection with *Nematoda*, *Gordiaceae*, and *Acanthocephali*. Under each generic or subgeneric name will be found a list of the species and subspecies which have been placed in the groups in question. The references following the technical names represent the places in literature which bear upon the technical names in question.

The names of diseases caused by roundworms are also inserted in this list.

In all cases possible, the type species is mentioned for genera. In connection with the species the hosts and locality (at least the type locality) are usually given.

When the bibliography under any given heading is unusually long, as in the case of *Acanthocephali*, Ascariasis, *Ascaris*, Filariasis, *Trichina*, Trichinosis, etc., the references are arranged geographically according to home of author, place of publication, or fauna, thus enabling an easier orientation than would be possible if a strictly alphabetical order were followed.

ABALANTIA Eberth, 1863a, 44 (subf. contains Eucoleus, Liniscus, Trichosoma).

ABOMESI Simmonds, 1881-1882 [nv.].

ovis Simmonds, 1881-1882 [nv.].—Williams, 1885a, 44 (s. Fil. denticulata Simmonds) (so. Str. contortus).

ACANTHOCEPHALA Rud., 1808a, 198; 1809a, 251; 1819a, 63, 309 (Entozoa acanthocephala) (ordinal name, for Echinor.) [not Acanthocephalus Lap., 1833, hemipteron; Acanthocephala Dies., 1858d, trematode.].—See also Acanthocephali.

Acanthocephalen (German vernacular name for Acanthocephali, q. v.).—Linst., 1883b, in 623-663.

Acanthocephales (French vernacular name for Acanthocephali, q. v.).—Andral, 1829, 506.

ACANTHOCEPHALI Burm., 1837a, 527 (used as family or as ordinal name for Echinor. and allied genera); 1856a, 205, 214-219.

(AUSTRALIA) Kreff, 1871a, 209.

(AUSTRIA) Claus, 1885a, 298-300.—Dies., 1851a, [3] (as so. Rhyngodea), 18; 1856d, 275-290, pls. 1-3; 1856e, 1-16, pls. 1-3; 1856f, 97; 1858d, 251; 1859, 740-741.—Eiss, 1838a, 24.—Lambl, 1859, 46.—Wedl, 1861a, 232-240.

(BELGIUM) Cerf., 1897, 98-99.

(DENMARK) Müell., Zool. Dan., I, 50.

(DEUTSCHLAND) Braun, 1883a, 144, 189; 1895b, 5, 6, 120, 246; 1900a, 1681; 1906a, 1, 2, 18, 20, 21, 25, 341-344.—Carus, 1863, v. 2, 456, 457, 459, 465.—Crep., 1849a, 277, 283.—Dewitz, 1892b, 177.—Eichw., 1829a, 249.—Goldb., 1855a, 105-106.—Gurlt, 1831a, 367.—Hamann, 1895c, 534; 1896a, 45.—Kitt, 1885a, 36.—Knüpf, 1888a, 1-17, pls. 1-2 figs. 1-39; 1889a, 147-148.—

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Leuck., 1863g, 326-327; 1876a, 725-741; 1879a, 123; 1886d, 90, 93, 104, 110, 112.—Linst., 1883b; 1906, 173; 1907, v. 2(3), in 1-56.—Looss, 1892a, 74.—Lühe, 1907, SPœG, v. 47, 88-89; 1911a, 1-116, figs. 1-87; 1912, ZJ, v. 1, 271-306, figs. A-M, pls. 13-14 figs. 1-14.—Mayer, 1841a, 4.—Nitzsch, 1818e, 241-243, figs.—Nordm., 1840, 641.—Rawitz, 1893a, 55-56.—Schlotthauber, 1860a, 130.—Schmalz, 1831, 15.—Schneidem., 1896a, 324-325.—Schneid., 1866a, 13, 325, 326, 331, 332, 337.—Tasch., 1879g, 234.—Tschudi, 1837, 19.—Wagner, 1883, 122.—Wallenstedt, 1847, 8.—Westrumb, 1821a, 1-85, pls. 1-3; 1822a, 677-685.—Züern, 1882, 113, 226, 298.—Zwicke, 1841a, 21, 27.

(FRANCE) Andral, 1829, 506, 617, 624.—Deslgch., 1824a, 2-3.—Guerin, 1833-34a, 15.—Guiart, 1910a, 259, 260, 432.—Hémont, 1827a, 9 (fam. of Parenchymateux, contains Echinor., Heruca).—Lamour., 1822a, 38.—L'Herminier, 1826a, 10.—Marotel, 1899d, 226-228.—Nev.-Lem., 1906a, 323.—Verdun, 1907a, 426, 428.

(GR. BRIT.) Bellingh., 1844a, 254.—Campb. & Lacr., 1907, 67.—Cast. & Chalm., 1910a, 446, 941.—Cat. RCSL, 1830, 44.—Cobbold, 1874d, 8-9; 1874m, 169; 1879b, 5, 256-257.—Daniels, 1910a, 71, 161.—Fagge & Pye-Smith, 1902a, 475.—F., S., & T., 1916a, 3, 17, 18, 20, 475.—Joy, 1835a, 504.—MacLaren, 1904b, 584.—Owen, 1835l, 392.—Shiple, 1896a, 123, 174-175; 1901b, 123-124, 174, 179, 181.—Westwood, 1851, 646.

(HUNGARY) Hut. & Mar., 1906a, 394, 408; 1910b, 493.—Mlinarich, 1832a, 13.

(ITALY) Mol., 1858, 141; 1861, 260.—Mont., 1887a, 19-29, figs. 1-7; 1887b, 1-11; 1888a, 84; 1906a, 217-218.—Par., 1887b, 361.—Porta, 1908, 53; 1909, CfB, v. 44, 148; 1910, ZA, v. 35(22), 699-703, figs. 1-4.

(JAPAN) Ijima, 1889, 395.

(NEW CALEDONIA) Porta, 1913, v. 1(3), 165-170, pl. 6, figs. 1-4.

(RUSSIA) Kholodk., 1897b, 14-20; 1898, 2; 1899a, 169.—Kostylew, 1916, v. 20, 389-394; figs. 1-8.

(U. S. A.) Dungl., 1893 (1895a), 361.—Encycl. Brit., 9 ed., v. 1, 79.—Hall, 1916a, 4.—Lint., 1907, 88.—Pearse, 1913, RHMS, v. 1, 57.—Pratt, 1916a, 228.—Stiles, 1907a, 53; 1907e, 531.—Stiles & Hass., 1905b, 81.—Tyson, 1903a, 1198.—Verrill, 1870c, 166-168, 179, 220.—Ward, 1895a, 324; 1903, v. 7, 861; 1903, 205; 1916, 676, 703.—Weinl., 1858a, 12.

—, Anatomy:

(DEUTSCHLAND) Bieler, 1914, ZJ, v. 36, 525-578, figs. 1-15.—Hamann, 1891a, 1-119, pls. 1-10; 1891b, 113-231, pls. 5-16; 1891c, 57-61; 1892d, 195-197.—Kaiser, 1892a, 44-49 (nephridia).—Schneid., 1868b, 584-597.—Weinl., 1857c, 197-201 (digestive tract).

(GR. BRIT.) Rollest., 1870a, 133, 134, 135, 136, 137, 142.

(RUSSIA) Lindemann, 1865b, 484-498, pls. 10-12.

(U. S. A.) Graybill, 1902a (b), 191-200, pl. 1 figs. 1-12; 1904, SZLUN, v. 3, 163-172; 1905, AN, v. 2 (3), 47-48.

—, Classification:

(BRAZIL) Trav., 1916, Bm, v. 29 (48), 377-384.

(DEUTSCHLAND) Hamann, 1892d, 195-197; 1895a, 1-42, pls. 1-11; 1895b, 238-240; 1895c, 534; 1896a, 45.—Kostylew, 1914, ZA, v. 44, 186-188, fig. 1.

(RUSSIA) Kholodk., 1897, TSN, v. 28, 14-20, 47.

—, Development:

(DEUTSCHLAND) Kaiser, 1893a, 1-136; 1893b, 1-148, pls. 1-10; 1913, 1-66, pl. 1-2, figs.—Voss, 1910, AZ, v. 5 (3), 430-448, figs. 1-11, pl. 23 figs. 1-19 (embryology).

—, Hosts:

(ITALY) Cond.-Franc., 1897a, 1-20, pl. 1 figs. 1-18 (Roman Campagna).

(U. S. A.) Van Cleave, 1916, JP, v. 2 (3), 106-110 (freshwater hosts).

—, —, amphibia and reptiles:

(ITALY) Porta, 1908, AZ, v. 3 (3), 225-259, pl. 9, figs. 1-9.

(U. S. A.) Van Cleave, 1915, JP, v. 1, 175-178, fig. 1.

ACANTHOCEPHALI, Hosts, birds:

(FRANCE) Marval, 1902a, 412-439, figs. 1-14; 1902b, 181-183; 1904a, 573-583; 1905a, 195-389, figs. 1-164; 1905b, 185; 1905c, 596; 1905d, 48; 1907, AN, v. 2 (3), 175; 1907, AN, v. 2 (3), 27-29.

(ITALY) Lepri, 1898, BSrSz, v. 7, 204-219, pl. 1.

—, —, fishes:

(DEUTSCHLAND) Bieler, 1914, ZJ, v. 36, 525-578, figs. 1-15.

(ITALY) Cond.-Franc., 1898, BSrSz, v. 7, 110-144, pl. 1.—Porta, 1907, B, v. 1 (19), 377-423, figs. 1-32; 1908, ZJ, 53.

(KAMSCHATKA) Zsch. & Reitz, 1914, RsZ, v. 22, 231-235, figs. 2-4, 7 (unnamed n. g. n. sp. in intest. of *Oncorhynchus nerca*).

—, —, mammals:

(ITALY) Porta, 1908, AdP, v. 12, 268-282; 1908, AMz, Nap., v. 2 (22), 1-6, figs. 1-9; 1909, Az, v. 4, 239-285, pl. 5 figs. 1-26.

Acanthocephalid Shipley, 1897c (1896c), 527 (n. sp.).

ACANTHOCEPHALIDÆ Leuck., 1886d, 113 (f., contains Echinor.).

ACANTHOCEPHALOS Goeze, 1782a, 141 (for Acanthocephali).—Stiles & Hass., 1905b, 81.

ACANTHOCEPHALUS Riley, 1878, RUSEC, 331 (for Acanthocephali).

ACANTHOCEPHALUS Kœlreuter, 1771a, 499-500, 503, pl. 26 figs. 5a-d [not Acanthocephalus Lap., 1833, hemipt.] (in *Cyprinus rutilus*) (mt. tsd. *lavareti*, cf. *anguillæ*); 1774a, 341.—Dies., 1851a, 19 (so. Echinor.), 25 (so. *clavæceps*).—Goldb., 1855, 107.—Lûeche, 1905b, 173, 329, 334, 341; 1911a, 10, 13; 1912, v. 1, 282.—Marval, 1905, 204 (so. Echinor.).—Nitzsch, 1818a, 243.—Porta, 1905, 156.—Rud., 1809a, 313, 315.—Stiles & Hass., 1905b, 81.—Westrumb, 1821, 6 (=Ech. *clavæceps*); 1822, v. 1, 677-685.—Zed., 1803a, 163.

anguillæ (Muëll., 1780; 1784) Lûeche, 1911a, 3, 6, 13-14-15, 52, figs. 4-6 (in *Abramis vimba*, A. *björkna*, A. *ballerus*, A. *brama*, *Alburnus bipunctatus*, A. *alburnus*, *Acipenser huso*, *Acerina cernua*, *Anguilla anguilla*, *Aspius aspius*, *Barbus barbus*, *Coregonus lavaretus*, *Cyprinus carpio*, *Gobio gobio*, *Leuciscus idus*, L. *erythrophth.*, L. *rutilus*, L. *cephalus*, *Lota lota*, *Lucioperca lucioperca*, *Perca fluvi.*, *Salmo fario*, S. *fontinalis*, S. *irideus*, *Silurus glanis*, *Tinca tinca*); 1912, v. 1, 277.—Bieler, 1913, 540-543, fig. D (in Ab. *bj.*).

anthuris (Duj., 1845) Lûeche, 1911a, 20, fig. 18 (in *Emys orbicularis*, *Molge vulg.*, M. *cristatus*).

elongatus (Rud., 1819) Cobbold, 1879b, 471 (lapsus for *Anthocephalus elongatus* Rud., 1819a, 177, a cestode).

falcatus (Frœl., 1789) Lûeche, 1911a, 17, 19-20, figs. 15-17 (in *Salamandra atra*); 1912, v. 1, 297, 298, 300, 301, pl. 14 fig. 12.

lavareti (Rud., 1809) Dies., 1851a, 51 (so. Ech. *proteus*) (in *Salmo lavaretus*; quotes Kœlreuter, 1771a, 513).—Porta, 1905, 193 (so. E. p.).

lucii (Muëll., 1779a) Lûeche, 1911a, 3, 13, 15-17, figs. 7-10 (in *Abramis brama*, *Acerina cernua*, *Anguilla anguilla*, (larva in *Asellus aquaticus*), *Barbus barbus*, *Coregonus albulæ*, C. *lavaretus*, C. *maræna*, C. *oxyrhynchus*, *Cottus gobio*, *Cyprinus carpio*, *Esox lucius*, *Gasterosteus aculeatus*, *Gobio gobio*, *Leucoperca leucoperca*, *Leuciscus erythrophth.*, L. *idus*, L. *phoxinus*, L. *rutilus*, *Lota lota*, *Perca fluvi.*, *Platessa flesus*, *Salmo fario*, *Silurus glanis*, *Thymallus thymallus*, *Tinca tinca*); 1912, v. 1, 301, 306, pl. 14 fig. 14.—Bieler, 1913, 530-539, figs. A-C (in *Cyp. carp.*, E. l., *Lota lota*, *Perca fluvi.*).—Ritchie, 1915, GN, v. 7, 34 (in S. f.; Scotland).

propinquus (Duj., 1845) Lûeche, 1911a, 13.

ranæ (Schränk, 1788a) Lûeche, 1911a, 2, 3, 13, 17-19, 32, figs. 11-14 (larva in *Asellus aquaticus*) (in *Bombinator igneus*, *Bufo vulg.*, B. *viridis*, *Molge cristata*, M. *lobata*, M. *vulg.*, *Rana escul.*, R. *temp.*, *Salamandra atra*); 1912, v. 1, 293, 294, 295, 296, 297, 298, 299, 300, 301, pl. 14, fig. 13, G, H, J-M (in A. a.).—André, 1913, 186, 198 (in R. *temp.*; Switz.).—Bieler, 1913, 570 (in R. *temp.*).—Ritchie, 1915, GN, v. 7, 37, 38 (in *Molge palmata*, B: v., R. t.; Scotland).—Van Cleave, 1915, JP, v. 1 (4), 175-178, fig. 1 (in *Diemycetylus viridescens*; Baltimore, Md.).—Skrj., 1913, 405.

- ACANTHOCHEILONEMA* Cobbold, 1870b, 9-14 (mt. dracunculoides).—Cast. & Chalm., 1913a, 522, 533, 594.—F., S., & T., 1916a, 414, 416, 418.—R., H., & L., 1912, v. 5 (6), 392-395, 1 fig.—Seur., 1914, Dec. 11, 527; 1915, 25; 1916, 340.—Stiles & Hass., 1905b, 81.
- dracunculoides* Cobbold, 1870b, 10-14 (in *Proteles cristatus*; [S. Africa]); 1870c, 52; 1879b, 299 (in *Proteles lalandi*; S. Africa).—Braun, 1915a, 319.—Leiper, 1909, 44; 1910, PZSL, 889; 1913, 270.—Rail., 1915, 510; 1915, 747.—R., H., & L., 1912, 392, 393, 395 (in *Canis* fam., *Hyæna crocuta*, *Proteles cr.*).—Seur., 1914, Dec. 11, 527 (in perit. cav. of *Hyæna* and dog); 1916, 340 (in chien; Tunis).
- grassii* (Noë, 1907) R., H., & L., 1912, 395.—Rail., 1915, 510; 1915, 747, 748.—Seur., 1916, 340.
- perstans* (Mans., 1891) R., H., & L., 1912, 395 (in *Homo*).—Braun, 1915a, 318.—F., S., & T., 1916a, 414, 416, 418, fig. 298.—Johnst., 1914, v. 8, 73-80, 1 fig.—Leiper, 1913, 269-270, figs. 6-8.—Neum. & Mayer, 1914a, 396.—Seur., 1916, 340 (in *Argas*, *Chrysops centurionis*, *Ornithodorus moubata*).—Ward, 1916, 682, 688.
- reconditum* (Grassi, 1890) R., H., & L., 1912, 395 (in *Canis* fam.).—Rail., 1915, 510; 1915, 747.—Seur., 1916, 340, 344.
- weissi* Seur., 1914, CrSB, Dec. 11, 524-527, figs. 1-3 (in perit. cav. of *Elephantulus deserti*; Bou-Saâda); 1915, 8-10, figs. 1-3; 1916, 143; 1916, 340 (in E. d.).
- ACANTHOCHEILUS* Mol., 1858d, 154-155 (mt. quadridentatus) [not *Acanthocheila* Stål, 1860, hemipt.; *Acanthochila* Stål, 1873, for *Acanthocheila*; 1861c, 313.—Oerley, 1885a, 103.—Stiles & Hass., 1905b, 81.—Stoss., 1898, 79.
- bicuspis* (Wedl, 1855) Oerley, 1885a, 102, 103, 107-108 (in *Scillium catulus*, *Pristiurus melanostomum*); 1885b, 217.
- intermedius* Oerley, 1885a, 102, 103, 107, pl. 9 fig. 4 (in *Mustelus lævis*; by Oerley); 1885b, 217.
- nidifex* Lint., 1900a, 267, 269, 271, 303-304, pl. 43 fig. 116-119 (in *Galeocerdo tigrinus*; Woods Hole); 1901, 410, 426 (in G. t.).—Shipley & Hornell, 1906, 89 (in *Stegostoma tigrinum*).
- quadridentatus* Mol., 1858d, 155 (in *Mustelus plebejus*; Padua); 1861c, 313-314, pl. 13 fig. 10-11, 12 (in M. p.; P.).—Dies., 1861a, 275.—Lint., 1901, 273.—Oerley, 1885a, 102, 103, 106-107, pl. 9 fig. 1-3 (in M. vulg., M. lævis); 1885b, 217.—Stoss., 1890, 129; 1895, 34; 1898, 79-80.
- species* Lint., 1901b, 410 (in *Carcharias littoralis*; Woods Hole), 428.
- ACANTHOCLADEA* v. Drasche, 1884a, 111 (supergeneric, containing *Ancyracanthus*, *Elaphoc.*, *Cosmoc.*) [not *Acanthocladia* King, 1849, coelent.].
- ACANTHOPHARYNX* Mar., 1870a, 34-37 (type probably affinis) (free forms).
- affinis* Mar., 1870a, 36-37, pl. K [26] figs. 4-4b (free; Endoume).—Stiles & Hass., 1905b, 81.—Villot, 1875, 466 (free; Med.).
- micans* (?Eberth or Mar.) Villot, 1875a, 466 (free; Med.).
- oculata* Mar., 1870a, 35, pl. K [26] figs. 2-2c (free; Pharo).—Stiles & Hass., 1905b, 81.
- perarmata* Mar., 1870a, 34-35, pl. K [26] figs. 1-1f (free; Pharo).—Stiles & Hass., 1905b, 81.—Villot, 1875, 466 (free; Med.).
- striata* (?Mar. or Eberth) Villot, 1875a, 466 (free; Med.).
- striatipunctata* Mar., 1870a, 35-36, pl. K [26] figs. 3-3c (marine; Montredon).—Stiles & Hass., 1905b, 81.—Villot, 1875a, 466 (*stratipunctata*) (free; Med.).
- ACANTHOPHORUS* Linst., 1876a, 5-6 (?type tenuis) [not *Acanthophorus* Serv., 1832, coleopt.; *Acanthophora* Soll., 1873, protozoon; etc.].—Stiles & Hass., 1905b, 82.—See *Tropidocerca* & *Tropisurus*.
- horridus* Linst., 1876a, 6, pl. 1 figs. 10-12 (in *Anas ferina*; lng.); 1879a, 178 (in *Fuligula ferina*).—Stiles & Hass., 1905b, 82.
- tenuis* Linst., 1876a, 5-6, pl. 1 figs. 7-9 (in *Mergus merganser*; lng.).—Rail., 1893a, 544 (so. *Tropisurus fissispinus*).—Stiles & Hass., 1905b, 82.
- ACANTHOSOMA* Mayer, 1844a, 73-76; 1844b, 409-410 (mt. chrysalis) [not *Acanthosoma* Curt., 1824, hemipt.; Owen Ross, 18—, crustacean; De K., 1842, fish].—Stiles & Hass., 1905b, 82.
- chrysalis* Mayer, 1844a, 73-76 [in *Rana escul.*]; 1844b, 409-410, figs. 5-8.—Crep., 1846, 148.—Stiles & Hass., 1905b, 82.—[A larval dipteran which has been interpreted as a roundworm.]

- ACANTHRUS** Acharius, 1780, 49-55, pl. 2 figs. 1-9 (mt. sipunculoides) [not *Acanthurus* Eichoff, 1886, insect].—Looss, 1902, 755.—Marval, 1905, 204 (so. *Echinor.*).—Stiles & Hass., 1905b, 82.
- sipunculoides* Acharius, 1780a, 49-55, pl. 2 figs. 1-9 (in *Osmerus eperlanus*; by Martin).—Dies., 1851a, 58 (so. *Echinor. eperlani*).—Looss, 1902, 755.—Lühe, 1905b, 329-331; 1906b, 151, 158, 201-202, 249, 259, 301, 329-331 (cf. *E. ep.*, *sipunculus*, *marænæ*, *murenæ*, *sipunculoides*) (in *O. e.*).—Nitzsch, 1818e, 244.—Porta, 1905, 197 (so. *E. ep.*).—Rud., 1809a, 313.—Stiles & Hass., 1905b, 82.—Westrumb, 1821a, 42 (so. *E. ep.*).
- Acanthure** Lamour., 1822a, 42 (see *Acanthrus*).
- Acantocephali** (Italian vernacular name for *Acanthocephali*, q. v.).—Chiari, 1907, v. 1, 25.
- ACANTOCEPHALA** Nordm., 1840, 558 (for *Acanthocephala* Rud.).
- ACANTOCEPHALOS** Neiva, 1915, v. 29 (12), 89-96 (for *Acanthocephali*).
- ACARIS** Balss, 1908, 278 (misprint for *Ascaris*).
- ACHEILOSPIRURIDÆ** Oerley, 1885a, 104 (for *Acheilospiruridea* 1861) (subf. of *Spiruridea*, contains *Proleptus*, *Spiroptera*).
- ACHEILOSPIRURIDEA** Dies., 1861a, 617 (subf. of *Spiruridea*, contains *Spiropt.*, *Eucamptus*, *Proleptus*, *Histioc.*, *Disph.*, *Spiroptera*).—Stiles, 1907b, 37.
- ACHEILOSTOMA** Leiper, 1911, PZSL, 549-550 (tod. *simpsoni*) (*Ancylostomidæ*).—Hall, 1916a, 112-113.
- paranecator* Trav. & Horta, 1915, Bm, v. 29 (49), 389 (3-4) (in *Equus asinus*; S. Paulo, Brazil).
- simpsoni* Leiper, 1911, 549-550, fig. 140 (in large rodent; Nigeria).—Hall, 1916a, 113-114, figs. 138-141 (in l. r.; Africa).
- ACHEILOSTOMI** Dies., 1851a, 264 (section of *Fil.*, with 21 species).—Cond.-Franc., 1892, 168.—Grassi, 1887g, 622.—Mol., 1858, 372.—Stiles & Hass., 1905b, 82.
- ACHROMADORA** Cobb, 1913, JWAS, 441 (mt. *minima*).
- minima* (Cobb, 1893) Cobb, 1913, 441; 1914, TAMS, v. 33, 72, 119 (38, 85, 92), pl. 5 fig. 11.
- ACHYLOSTOMA** Dubini, 1850a, 102 (for *Agchylost.*).
- ACROBELES** Linst., 1877a, 2-3 (mt. *ciliatus*) [not *Acrobela* Förster, 1862, hymenopt.; not *Acrobelus* Stål, 1869, hymenopt.].—Oerley, 1880, 142.
- ciliatus* Linst., 1877a, 2-3, fig. 3 (in *schwarzer Erde*; Ing.).—Oerley, 1880, 142.—Stiles & Hass., 1905b, 82.
- ACROPHALLI** Mol., 1858d, 156; 1861c, 326 (section of *Nematoda*).—Carus, 1863, v. 2, 463 (group, contains: *Trichotrachelidea*, *Strongylidea*).—Dies., 1861a, 621, 714 (sec. 2 of *Nematoda protucha*, contains *Strongylidea*).—Goldb., 1855, 112.—Koch, 1885a, 57.—Looss, 1901, 36, 47.—Schneid., 1866a, 26.
- ACROSTOMATA** Dies., 1861a, 716 (phalanx 2 of *Sclerostomidea*, contains *Sclerost.*, *Stephanurus*).
- ACRYACANTHUS** Müell., A., 1904a, 121 (for *Ancyracanthus*).
- ACTINOLAIMUS** Cobb, 1913, JWAS, v. 3, 439-440 (tod. [n. g., n. sp.] *radiatus*) (free forms).
- labyrinthostomus* (Cobb, 1893) Cobb, 1913, 440.—Steiner, 1916, ZA, 328.
- propinquus* Cobb, 1915, 30-32 (Douglas Lake, Mich.).
- radiatus* Cobb, 1913, 439-440 (on roots of plants and among algæ; Potomac River, near Wash., D. C.; also in Douglas Lake, Mich.); 1914, 38.—Steiner, 1916, ZA, 328.
- ACUARIA** Brems., 1811a, 11, 26 (tsd. *anthuris*) (no specific name used), 15, 16, 17, 18, 20, 26.—Gendre, 1913, 109, 110.—Hall, 1916a, 187.—Nordm., 1840a, 661 (so. *Spiropt.*).—Poche, 1912, AN, 11, 12 (type *euryoptera*), 13, 14, 15, 21, 24, 53, 101.—Henry & Sis., 1913, v. 43, 609-637, figs. 1-23; 1914, v. 23, 303-306.—R., H., & S., 1912, CrSB, v. 73 (36), 20 Dec., 622-624 (type *anth.*) (in birds).—Rans., 1904a, 38; 1911a, 103, 104 (so. *Spiropt.*) (type *anth.*).—Rud., 1819a, 244.—Schneid., 1866a, 15.—Seur., 1916, 339.—Skrj., 1916, 503-504.—Stiles & Hass., 1905b, 82 (tsd. *anthuris*) (s. *Spiropt.*, *Disph.*, *Anthuris*).—Weinl., 1858a, 89 (f. of *nematodes*).—See also *Spiroptera* Rud., 1819a (*Acuria* renamed); *Anthuris* Rud., 1819a (*Acuria* renamed) [type *anthuris*]; *Dispharagus* Duj., 1845a (tsd. *anthuris*).

ACUARIA—Continued.

- affinis* Seur., 1916 (1917), CrSB, 1128–1130 (8–10), fig. 1 (in *Strix flammea*; Kabylie).
alata (Rud., 1819) R., H., & S., 1912, 624 to (*Synhimantus*).—Seur., 1916, 142.
anthuris (Rud., 1819) R., H., & S., 1912, 623 to (*Acuaria*).—Poche, 1912, AN, 15.—Seurat, 1916, 141; 1916 (1917), CrSB, 935 (2); 1916 (1917), CrSB, 1130 (10).—Skrj., 1916, 504–505 to (*Acuaria*) (in *Corvus frugilegus*, C. corone).
attenuata (Rud., 1819) R., H., & S., 1912, 623 to (*Acuaria*).
brevicaudata (Duj., 1845) R., H., & S., 1912, 624 to (*Synhimantus*).—Skrj., 1917, P. 461–462, pl. 18 figs. 1–2 to (S.) (in *Botaurus stellaris*, *Ardetta minuta*; Europe).
calcarata (Mol., 1860) R., H., & S., 1912, 624 to (*Hamannia*).
capitata (Mol., 1860) R., H., & S., 1912, 623 to (*Dispharynx*).
contorta (Mol., 1858) R., H., & S., 1912, 624 to (*Hamannia*).
corvorum Baird, 1853a, 106 (quotes Brems., 1811b, 26) [in *Corvus*; Coll. Wien].—Linst., 1895, 532.
crassicauda (Crep., 1829) R., H., & S., 1912, 624 to (*Synhimantus*).
crassissima (Mol., 1860) R., H., & S., 1912, 623 to (*Dispharynx*).
denticulata (Mol., 1860) R., H., & S., 1912, 624 to (*Synhimantus*).
depressa (Schneid., 1866) R., H., & S., 1912, 623 to (*Acuaria*).
elliptica (Mol., 1858) R., H., & S., 1912, 624 to (*Synhimantus*).
elongata (Rud., 1819) R., H., & S., 1912, 623 to (*Cheilospirura*).
euryoptera (Rud., 1819) Poche, 1912, AN, 12, 14.
falcinelli (Rud., 1819) Mol., 1860c, 496 (quotes Brems., 1811, 26) (so. *Disphar. contortus*) (in *Ibis falcinellus*; Padua); 1861c, 303 (so. D. c.) (in I. f.; P.).
gracilis (Gendre, 1912) R., H., & S., 1912, 623 to (*Acuaria*).
gruveli (Gendre, 1913) Gendre, 1913, PVSL, 110(5).
hamata (Linst., 1877) R., H., & S., 1912, 624 to (*Synhimantus*).—Seur., 1915, 14.
hamulosa (Dies., 1851) Rail., 1911, RMv, 391.—R., H., & S., 1912, 623 to (*Cheilospirura*).
invaginata (Linst., 1901) R., H., & S., 1912, CrSB, 624, to (*Synhimantus*).—Maupas & Seur., 1916, 617.—Seur., 1916, 142.
involuta (Linst., 1879) R., H., & S., 1912, 624 to (*Synhimantus*).—Seur., 1916 (1917), CrSB, 1126 (6).
laniorum Mol., 1860b, 940(32) (quotes Brems., 1811b, 26) (so. *Spiropt. euryoptera*) (in *Lanius collurio*; Brems.).
laticeps (Rud., 1819) R., H., & S., 1912, 624 type of (*Synhimantus*).—Seur., 1915, CrSB, v. 78, 41–44 (14–17), figs. 1–2 (in *Accipiter nisus*, *Strix alba*; Algeria); 1916, 141; 1916 (1917), CrSB, 1126–1127, 1128, 1129, 1130 (6–7, 8, 9, 10), fig. 2 (s. *Pil. involuta*, *Spiropt. fallax*, *Disph. spiralis*) (in A. n., S. a.; A.).
longeornata (Mol., 1860) R., H., & S., 1912, 624 to (*Hamannia*).
longevaginata (Mol., 1860) R., H., & S., 1912, 624 to (*Synhimantus*).
macrolaimus (Linst., 1906) R., H., & S., 1912, 623.
magnilabiata (Mol., 1860) R., H., & S., 1912, 623 to (*Cheilospirura*).
mamillaris (Mol., 1860) R., H., & S., 1912, 623.
meropsis-apiastri Mol., 1860b, 971 (63) (quotes Brems., 1811b, 26) (so. *Spiropt. denticulata* Mol.) (in *Merops apiaster*; M. C. V.).
muscipæ (Linst., 1878) R., H., & S., 1912, 623.
nasuta (Rud., 1819) R., H., & S., 1912, 623 type of (*Dispharynx*).—Seur., 1916, 340 (in *Porcellio levis*).
noctux Seur., 1913, CrSB, v. 74, 103–106, figs. 1–5 to (*Dispharynx*) (in *Carine noctua glaux*; Birine, Hauts plateaux algériens); 1916 (1917), CrSB, 934, 935, 937, 938 (1, 2, 5); 1916, 338–339, 340 (in *Erinaceus algirus*; Bou-Saâda).
ornata (Gendre, 1912) R., H., & S., 1912, 623 to (*Acuaria*).
papillifera (Linst., 1878) R., H., & S., 1912, 623 to (*Acuaria*).
pelagica (Seur., 1916) Seur., 1916, CrSB, 785–788, figs. 1–5 (in *Larus canus*, *Puffinus kuhli*; Algeria).—Skrj., 1916, CrSB, 972, 973 (in L. c., P. k.) (so. *Seuratia shipleyi*).
phænicopteri Seur., 1916, CrSB, 439–441, figs. 1–4 to (*Hamannia*) (in *Phœnicopterus roseus*; Algeria).

ACUARIA—Continued.

- quadriloba* (Rud., 1819) R., H., & S., 1912, 624.
recta (Mol., 1860) R., H., & S., 1912, 623 to (Cheilospirura).
rectovaginata (Mol., 1860) R., H., & S., 1912, 623 to (Dispharynx).
rotundata (Linst., 1907) R., H., & S., 1912, 623 to (Cheilospirura).
similis Gendre, 1913, 110 (5) (lapsus for *A. gracilis* (Gendre)).
spiralis (Mol., 1858) R., H., & S., 1912, 623.—Seur., 1916 (1917), CrSB, 935–938 (1, 2, 5), figs. 3–4 to (Dispharynx) (in *Caccabis petrosa*; Aumale).—Skrj., 1916, 505–506 to (Dispharynx) (in poule; Tchimkent Syr Daria).
squamata (Linst., 1883) R., H., & S., 1912, 624 to (Hamannia).
subula (Duj., 1845) R., H., & S., 1912, 623 to (Acuaria).—Gendre, 1913, 110.
sygmoidea (Mol., 1860) R., H., & S., 1912, 624.
tarentolæ Seur., 1916 (1917), CrSB, 934–935 (1–2, 3), figs. 1–2 (in *Tarentola mauritanica*; Kouba).
tenuis (Duj., 1845) R., H., & S., 1912, 623 to (Acuaria).
uncinata (Rud., 1819) R., H., & S., 1912, 624 type of (Hamannia).—Seur., 1916, 341 (in *Daphnia pulex*).
upupæ-epopis Mol., 1860b, 942 (34) (quotes Brems., 1811b, 26) (so. *S. truncata* Crep.) (in *Upupa epops*; Brems.).
vanelli (Rud., 1819) Poche, 1912, AN, 12.

ACUARIIDÆ Seur., 1913, CrSB, 106 (includes *Acuariinæ*, *Physalopterinae*); 1914, Dec. 11, 527; 1915, v. 78, 22; 1915, 15; 1916, CrAS, 141–143; 1916, 298, 308, 330, 339.—Hall, 1916a, 64; 1916b, 521.—Skrj., 1916, CrSB, 971; 1916, 503.

ACUARIINÆ Rail., Henry & Sis., 1912, CrSB, 622 (type *Acuaria* Brems., 1811) (includes also *Cosmoc. Mol.*, 1858, *Histioc. Dies.*, 1851, *Streptocara n. g.*).—Rail., 1915, 494; 1915, 735; 1916, RMv, 521.—Skrj. 1916, CrSB, 972; 1916, 503.

ACYARIS Royal, 1909, May 16, 501 (misprint for *Asc.*).

vermicularis (Linn., 1758) Royal, 1909, May 16, 501.

ADENOPHORI Linst., 1905cc, 273 (Abt. of *Nematoda*) [not *Adenophorus* Thoms., 1859, coleopt.]; 1907, 4; 1909, 48, 80 (contains *Myenchus*, *Myoryctes*, *Rhabditis*, *Cephalobus*).

ÆGIALOALAIMUS Man, 1907, 33, 35 (mt. *elegans*); 1907, 228 (mt. e.).

elegans Man, 1907, 33, 35–36, 86, pl. 1 fig. 2 (Zealand); 1907, 228 (marine; Ierseke).

AGAMOFILARIA Stiles, 1907a, 10; 1907b, 40–47 [a collective group, not a true genus] (*Filariidæ*); 1914, MM, v. 2, 271.—Brumpt, 1913a, 497.—Cast. & Chalm., 1910a, 407, 426; 1913a, 522, 532.—F., S., & T., 1916a, 406.—Gedcølst, 1911a, 107.—Pearse, 1913, v. 1, 143.—Seur., 1916, 351.—Ward, 1916, 682, 689.

georgiana Stiles, [1906i, 839–840 (in *Homo*; Ga.); 1906k, 1232;] 1907a, 9–30, figs. 1–25; 1907b, 31, 48; 1907e, 623; 1909ff, 176; 1914, MM, v. 2, 315.—Braun, 1915a, 324.—Brumpt, 1913a, 525.—Cast. & Chalm., 1910a, 426.—Daniels, 1910a, 231; 1914, 131.—F., S., & T., 1916a, 406.—Gedcølst, 1911a, 107.—Ward, 1916, 689.

labialis (Pane, 1864) F., S., & T., 1916a, 407.

oculi (Sieb., 1839) Stiles, 1907b, 48 (s. *Fil. oculi humani*, *F. lentis*, *F. oculis*, *F. okuli humani*, *F. oculi hominis*); 1907e, 623; 1914, MM, v. 2, 314.—Cast. & Chalm., 1910a, 426.—Gedcølst, 1911a, 107 (in man).—Ward, 1916, 689.

oculi humani (Nordm., 1832) F., S., & T., 1916a, 405–406.

palpebralis (Pace, 1866) Cast. & Chalm., 1910a, 426.—F., S., & T., 1916a, 405, 406.—Gedcølst, 1911a, 107 (in ooy) (cf. *conjunctivæ*).

AGAMOMERIS Cast. & Chalm., 1910a, 427; 1913a, 523, 543 (misprint for *Agamomermis*).

restiformis (Leidy, 1880) Cast. & Chalm., 1910a, 407, 427.

AGAMOMERMIS Stiles, 1903aa, 15–17 (a collective group, not a true genus, *Mermithidæ*); 1907a, 10; 1914a, v. 2, 271, 316.—Stiles & Hass., 1905b, 83.—Cast. & Chalm., 1910a, 427.—F., S., & T., 1916a, 470.—Gedcølst, 1911a, 112.—Ward, 1916, 692.

culicis Stiles, 1903aa, 15–17 (in *Culex sollicitans*; U. S. A.); 1903bb, 684; 1903cc, 103; 1903dd, 124; 1903ee, 346; 1903ff, 151; 1903gg, 491.—Stiles & Hass., 1905b, 83.

AGAMOMERMIS—Continued.

gammarii (Linst., 1892) Stiles, 1903aa, 17 (in *Gammarus pulex*).

hominis oris (Leidy, 1850) Ward, 1916, 692.

restiformis (Leidy, 1880) Stiles, 1907b, 50; 1908g, 19–22, figs. 19–26 (in *Homo*); 1914, MM, v. 2, 316.—Braun, 1915a, 302.—Cast. & Chalm., 1910a, 407, 427.—F., S., & T., 1916a, 470.—Gedöelst, 1911a, 112 (in man; America).—Smith & Denney, 1913, v. 1 (4), 281–287, pl. 7 figs. 1–5.—Ward, 1916, 692.

sialidis (Linst., 1892) Stiles, 1903aa, 17 (in *Sialis lutaria*).

See also: —, *acridorum* (Linst., 1897), *africana* (Linst., 1898), *australis* (Linst., 1898), *brasiliensis* (Linst., 1898), *costaricensis* (Linst., 1898), *drassi* (Linst., 1883), *hyalinæ* (Linst., 1891), *longissima* (Fedtsch., 1874), *lycosæ* (Leidy, 1856), *nigra* (Linst., 1903), *rigida* (Baird, 1853), *spiralis* (Baird, 1853), *truncatula* (Rud., 1819).

AGAMONEMA Dies., 1851a, 78, 116–122 (a collective group for immature nematodes in fishes, not a true genus, it requires no type).—Ben., 1870, xiv.—Chatin, 1885a, 41.—Cobbold, 1876, 89.—Cond.-Franc., 1898a in 1–17.—Eberth, 1863, 43.—Goldb., 1855, 109.—Linst., 1902a, in 217–232; 1909, 82.—Mont., 1889, 70.—Oerley, 1885a, 105.—Scudd., 1884a, 10.—Seur., 1916, 351.—Stiles & Hass., 1899, 164.

acerinæ Linst., 1878b, 241, pl. fig. 31 (in *Acerina cernua*; by Linst.); 1889a, 72 (in A. c.); 1909, 82 (in A. c.).—Hofer, 1904a, 284.

affine (Dies., 1851) Linst., 1909a, 83 (in *Larus ridibundus*).—Seur., 1916, 351 (in L. r.).

alause (Mol., 1859) Linst., 1878a, 269 (in *Alosa vulg.*).—Hofer, 1904a, 229 (in A. v.).

apri Dies., 1851a, 119 (s. *Nematoideum dub. zeus-apri* Rud., 1819a, 194, 564, re-named) (in *Capros aper*; Nap.).—Linst., 1878a, 217.

ascaris-rubicundæ Stoss., 1895c, 36 (6) (in *Python reticulatus*; Singapore).

aspi Dies., 1851a, 121 (*Dubium cyprini-aspii* Rud., 1819a, 197, 567, renamed) (in *Aspius rapax*; Berl.).—Hofer, 1904a, 271.—Krøyer, 1852–53a, 1225.—Linst., 1878a, 260 (in A. r.).

belones-vulgaris Dies., 1861a, 726 (in *Belone vulg.*; Trieste, Wedl, 1855a, 386, fig. 23.).—Linst., 1878a, 235.—Par., 1894a, 228 (in B. v.).—Stoss., 1896, 55; 1898, 73.

bembidii Linst., 1902, 223, fig. 7 (in *Bembidium* sp.; Dublaury).—Kowal., 1902d, 25 (7) (in B. fasciolatum).—Seur., 1916, 363 (in B. sp.).

bicolor (Crep., 1825) Dies., 1851a, 116 (in *Acerina vulg.*, *Gasterosteus aculeatus*, *Lota communis*, *Osmerus eperlanus*, *Perca fluvi.*; Greifsw.).—Hofer, 1904a, 271 (in A. cernua, *Lota vulg.*).—Krøyer, 1838–40a, 578, 579 (in A. c., P. f.).—Linst., 1878a, 207; 1909a, 82 (in A. c., L. v., O. e., P. f.).—Müeh., 1898, 52.—Schneid., 1913, 31.—Stiles & Hass., 1899, 118; 1905b, 83.—Zsch., 1903, 132, 133, 134.

bombinatoris (Linst., 1885) Linst., 1909a, 82 (in *Bombinator igneus*).—Seur., 1916, 351 (in B. i.).

campbelli Chatin, 1885a, 41–42 (in flesh of fish; Campbell Isl.).

capsularia (Rud., 1802) Dies., 1851a, 116–117 (s. *Gord. marinus*, *harengum*, *Asc. harengum*, *halecis*, *Cucullanus halecis*, *Capsularia halecis*, *Filocapsularia com.*) (in *Acanthias vulg.*, *Belone acus*, *Clupea harengus*, *Conger vulg.*, *Cyclopterus lumpus*, *Gadus morhua*, *Hippoglossus vulg.*, *Lophius piscatorius*, *Lota molva*, *Merlangus com.*, *M. vulg.*, *Rhombus maximus*, *Scomber scombrus*, *Syngnathus acus*, *Trigla gurnardus*; M. C. V.).—Fourm., 1882a, 840, 841.—Galli-Val., 1901c, 362 (in M. vulg.).—Hofer, 1904a, 271 (in *Trutta salar*).—Krøyer, 1838–40a, 581, 595, 603, 605, 611, 612, 613, 615 (in C. l., G. m., *Hippoglossus maximus*, L. p., M. v., R. m., *Salmo salar*, Sc. sc., T. g.); 1846–53a, 704, 892; 1852–53a, 1221 (in *Acanthias vulg.*, *Belone rostrata*, *Siphost. acus*).—Leidy, 1857, 55; 1878, 171; 1888d, 125.—Linst., 1878a, 219.—Linst., 1900, 284; 1901, 410, 435, 437, 444.—Mol. 1861c, 322.—Müeh., 1898, 52.—Nicoll, 1907, 72 (in *Clupea harengus*).—Oerley, 1885a, 105.—Par., 1900c, 194; 1902, 14–15 (in *Trigla corax*, *Trachurus trachurus*).—Seur., 1916, 351.—Stiles & Hass., 1894e, 351 (in *Alosa sapidissima*, *Clupea h.*, *C. sapidissima*, *Gadus callarias*, *Seranus atrarius*, *Stromateus triacanthus*); 1905b, 83.—Zsch., 1896, 782, 784, 816, 818, 820, 821, 822, 823, 824; 1903, 127.—Also in *Centropristes nigricans*, *Clupea elongata*, *Galeus canis*, *Labrax lineatus*, *Lepidopus caudatus*, *Merluccius escul.*, *Morhua americana*.

AGAMONEMA—Continued.

- carancum* Dies., 1851a, 121 (in *Caranx trachurus*, C. luna; Nap.) (s. *Dubium carancis-trachuri* Rud., 1819a, 195, 566).—Linst., 1878a, 217.—Par., 1894a, 227 (in *Trachurus trachurus*; Rimini).—Stoss., 1901, 89 (1).—See *carangum*, *carangum* Krøyer., 1838–40a, 597 (in *Caranx trachurus*) (see *carancum*).
- chrysophrydis-auratæ* Dies., 1851a, 119 (in *Chrysophrys aurata*; M. C. V.) (s. *Fil. spari-auratæ* renamed).
- commune* (Deslgch., 1824) Dies., 1851a, 120–121 (s. *Gord. marinus*, *Asc. marina*, *Fus. marina*, *Fil. marina*, *piscium*) (in *Brosimius brosmie*, *Cottus scorpio*, *Gadus æglefinus*, *G. callarias*, *G. islandicus*, *G. morrhua*, *Lophius piscatorius*, *Lota molva*, *Pleuronectes platessoides*, *Sebastes norvegicus*, *Salmo arcticus*).—Baylis, 1916, P, 362.—Fourm., 1882a, 840–843.—Krøyer., 1838–40a, 583, 603, 605, 606, 608, 610 (in *Brosimius vulg.*, C. s. G. æg., G. m., L. p., L. m.).—Linst., 1878a, 214 (in *Sebastes norvegicus*).—Nicoll, 1907, 71 (in *G. æg.*).—Stiles, 1907a, 48 (cf. *Spiropt. hominis*).—Zsch., 1896, 781, 782, 784, 816, 823.
- corvinæ-nigræ* Par., 1894a, 226–227 (in *Corvina nigra*; Genoa).
- cysticum* (Rud., 1819) Dies., 1851a, 118 (in *Synbranchus laticaudatus*; Brazil).—R. Bl., 1888a, 729 (in *Galaxias scribe*) (larva of *Eustr.*).—Linst., 1878a, 270.—Seur., 1916, 351.—Stiles & Hass., 1905b, 83.—Also reported for *Galaxias* sp.
- engraulidis* Stoss., 1887d (e), 189 (6), pl. 12 figs. 53–54 (in *Alosa sardina*, *Engraulis encrassicholus*; Trieste).
- fabri* Dies., 1851a, 118–119 (in *Zeus faber*; Rimini) (*Fil. zeus-fabri* renamed).—Linst., 1878a, 220.—Par., 1894a, 227.
- flesi* Linst., 1878b, 241 (in *Platessa flesus*; by Linst.).
- gasterostei* (Linst., 1884a, Linst., 1909a, 82 (in *Gasterosteus aculeatus*).
- lampetræ* Krøyer., 1852–53a, 1040 (in *Petromyzon marinus*; Ing.).
- leucisci-rutili* Dies., 1851a, 122 (in *Leuciscus rutilus*; Hannover).
- lichæ-glauca* Dies., 1851a, 120 (*Dubium centronoti-glauca* Rud. renamed) (in *Lichia glauca*; Nap.).—Linst., 1878a, 218.—Par., 1894a, 228.
- lophii-piscatorii* Dies., 1861a, 727 (in *Lophius piscatorius*; Wedl, 1855a, 385–386, 394, figs. 21–22).—Linst., 1878a, 223.—Par., 1894a, 228 (in *Dactylopterus volitans*, L. p., *Trigla lineata*; Trieste, Italy).
- merlucii-vulgaris* Dies., 1851a, 118 (s. *Nematoideum dub. gadi-merlucii*, *Dubium gadi-merlucii*) (in *Merlucius vulg.*; Nap.).—Krøyer., 1838–40a, 608 (in M. v.).—Linst., 1878a, 240.—Par., 1894a, 228 (in M. escul.; Nap.).
- mulli* Dies., 1861a, 727 (in *Mullus barbatus*, *Zeus faber*; Trieste, by Wedl, 1855a, 387–388, 394, figs. 26–27).—Linst., 1878a, 211.—Par., 1894a, 226 (in M. b.; Trieste).—Stoss., 1887, 190; 1896, 62 (56) (so. *Asc. wedlii*); 1898, 74.
- oculi ranæ* (Nordm., 1832) Linst., 1909a, 82 (in *Rana escul.*).—Seur., 1916, 351 (in R. e.).
- ovatum* (Zed., 1803) Dies., 1851a, 117–118 (s. *Fil. gobionis*, *Asc. gobionis*, *Fus. gobionis*, *Gordius Goeze*) (in *Gobius vulg.*, *Leuciscus dobula*, *Phoxinus lævis*; M. C. V.).—Hofer, 1904a, 229, 238, 271 (in *Gobio fluv.*, P. l., *Squalius cephalus*).—Krøyer., 1852–53a, 1222, 1224, 1225 (in *G. fluv.*, L. d., P. aphyæ).—Linst., 1878a, 253.—Seur., 1916, 355.—Sramek, 1901, 102 (to *Ichthyonema*).—Stiles & Hass., 1905b, 83.—Zsch., 1896, 817, 820.
- paganelli* (Mol., 1859) Par., 1894a, 228 (in *Gobius paganellus*; Trieste).
- papilligerum* (Crep., 1846) Dies., 1851a, 116 (s. *Nematoideum dub. scombris-scombrici* Rud.) (in *Gasterosteus aculeatus*, *Scomber scombrus*; Nap., Greifsw.).—Hofer, 1904a, 271 (in G. a.).—Krøyer., 1838–40a, 592, 595 (in G. a., S. s.).—Leidy, 1859, 112 (so. *Fil. solitaria*).—Linst., 1878a, 219.—Linst., 1901, 410, 444 (*papilligerus*).—Par., 1894a, 226 (in *Acipenser sturio*; Padua); 1902c, 15 (in *Auxis rochei*; Portoferrajo).—Stiles & Hass., 1905b, 83.—Stoss., 1887, v. 10, 190, pl. 11 figs. 48–49; 1896, v. 17, 62 (56) (to *Asc.*); 1898, 74.—Also reported in *Auxis vulg.*
- pectinis-jacobæi* (Linst., 1878) Par., 1894a, 228 (in *Pecten jacobæus*; Trieste, teste Wedl, 1855).
- piscium* (Rud., 1809) Schneid., 1862a, 276.—Meissner, 1863a, 55.—Stiles & Hass., 1894e, 351 (in *Coregonus clupeiformis*); 1907b, 48.
- ranzanæ* Stoss., 1893a (b), 86 (4), fig. 2, a (in *Ranzania truncata*; Pirano, Istria); 1898, 75.

AGAMONEMA—Continued.

- rhombi-boscii* Dies., 1851a, 119 (s. *Dubium pleuronectis-boscii* Rud.) (in *Rhombus boscii*; Nap.).—Linst., 1878a, 244.—Par., 1894a, 228 (in *Arnoglossus boscii*; Nap.).
- rotundatum* Linst., 1883a, 291, pl. 7 fig. 23 (in fish, gen. sp.?).
- scombrorum* Dies., 1851a, 121 (s. *scombri-sardæ*, s. *coliae*) (in *Pelamys sarda*, *Scomber colias*; Nap.).—Linst., 1878a, 218.—Par., 1894a, 227 (in P. s., S. c.; Nap.).
- scorpæna-cirrhosæ* Dies., 1851a, 120 (s. *Nematoideum dub. percæ-cirrhosæ*) (in *Scorpæna cirrhosa*; Rimini.).—Linst., 1878a, 215.—Par., 1887, 345-346, pl. 7 figs. 44-47 to (Asc.).
- serrani-cabrillæ* Dies., 1851a, 120 (in *Serranus cabrilla*; Nap.).—Linst., 1878a, 211.—Par., 1894a, 226 (in S. c., S. hepaticus, S. scriba; Nap.).
- sparoidum* Dies., 1851a, 119 (s. *Nematoideum dub. spari-boopis, mormyri, melanuri, alcedinis*) (in *Box vulg.* *Oblata melanura*, *Pagellus mormyrus*, *Smaris alcedo*; Rimini, Nap.).—Linst., 1878a, 212.—Par., 1902, 15 (in O. m.).—Stoss., 1887d(e), 189(6) (in *Box boops*; Trieste) (to Asc.); 1896, 65 (to Asc.); 1898, 75.—Also reported for *Box salpa*.
- species Ben., 1868a, 302, pl. 2 figs. 9-13 (in *cigogne blanche*; by Ben.).
- species Ben., 1871a, 56, pl. 3 fig. 8 (in *cecum pylor.* of *Morrhua vulg.*; Belgium).
- species Ben., 1873.—Seur., 1916, Bs. v. 49, 351 (in *Rhinolophus hipposideros*).
- species Hannover, 1864.—Linst., 1909a, 83 (in *Rana temp.*).—Seur., 1916, 351 (in *Rana temp.*).
- species Johnst., 1913.—Seur., 1916, 351 (in *Ceratophyllus fasciatus*, *Xenopsylla cheopis*; Australia).
- species Johnst., 1914, v. 26, 82-83, pl. 10 figs. 1-2 (encysted in *Hyla cærulea*; Brisbane).
- species Krøyer., 1838-40a, 593 (in *Spinachia vulg.*).
- species Krøyer., 1852-53a, 913 (in *Spinax niger*; Ing.).
- species Krøyer., 1852-53a, 1224 (in *Leuciscus rutilus*; Ing.).
- species Mont., 1892.—Seur., 1916, 351 (in *Synapta digitata*, *S. inhærens*).
- species Mont., 1889d, 79 (4) (in *Montella sp.*; Valparaiso).
- species Par., 1899a, 14 (in *Lichia vadigo*; Portoferraio); 1899, 98 (in L. v.; P.).
- species Par., 1900, 194 (in *Genypterus capensis*; Mar del Plata).
- species Par., 1902, 2 (in *Trachurus trachurus*; Elba).
- species Par., 1902c, 15 (in *Scomber colias*; Portoferraio).
- species Sons., 1891g, 258 (larva) in *Crenilabrus griseus*; Mus. Pisa).
- species Radkewitz.—Linst., 1909a, 83 (in *Enchytræus vermicularis*).—Seur., 1916, Bs. v. 49, 351 (in E. v.).
- species.—Also reported for *Cantharus lineatus*, C. vulg., *Rhinolopus hipposideros*.
- sterna* (Rud., 1819) Linst., 1909a, 82 (in *Sterna nigra*).—Seur., 1916, Bs. v. 49, 351 (in *Sterna leucopareia*).
- stossichii* Cond.-Franc., 1898a, 2, 4, 13, figs. 2-4 (in *Gobius avernensis*; River Sarno, Salerno).
- syngnathi-pelagici* (Rud., 1819), Dies., 1851a, 118 (in *Syngnathus pelagicus*; Nap.).—Linst., 1878a, 275.—Par., 1894a, 228.
- tincæ* Dies., 1851a, 122 (s. *Dubium cyprini-tincæ*) (in *Tinca chrysis*; Ing.).—Hofer, 1904a, 229 (in T. vulg.).—Krøyer., 1852-53a, 1223 (in T. v; Rud., 1819).—Linst., 1878a, 257.
- triglæ-hirundinis* (Rud., 1819), Dies., 1851a, 121 (s. *Dubium triglæ-hirundinis*) (in *Trigla hirundo*; Rimini).—Krøyer., 1838-40a, 582 (in T. h.).—Linst., 1878a, 226.—Par., 1894a, 227.
- tritonis* (Linst., 1877), Linst., 1909a, 82-83 (in *Triton tæniatus*).—Seur., 1916, Bs. v. 49, 351 (in T. t.).
- umbrinæ-vulgaris* Dies., 1851a, 119 (in *Umbrina vulg.*; Nap.).—Linst., 1878a, 215.—Par., 1894a, 226 (in U. cirrhosa; by Redi).
- vimba* (Linst., 1877) Hofer, 1904a, 238 (in *Abramis vimba*).

AGAMONEMA—Continued.

wachnia Dies., 1851a, 118 (s. *Nematoideum* dub. *gadi-wachnia*) (in *Gadus wachnia*; by Tilesius, lng.).—Linst., 1878a, 238.

wilsoni Cobbold, 1876x, 89 (in *Crenilabrus ruprestris*; by Wilson).

AGAMONEMATA Ols., 1876a, 147 [see *Agamonema*].

AGAMONEMATODUM Dies., 1861a, 727 (collective group for immature nematodes, requires no type).—Seur., 1916, Bs, v. 49, 352.—Stiles, 1907a, 10.—Stiles & Hass., 1905b, 83.

alausæ (Mol., 1859) Dies., 1861a, 727 (in *Alausa* vulg.; Padua).—Stiles & Hass., 1905b, 83.

armadillonis-pilularis (Leidy, 1852) Seur., 1916, Bs, v. 49, 363 (in *Armadillo pilularis*).

blapis-mortisagæ (Dies., 1853) Dies., 1861a, 729 (in *Blaps mortisaga*).—Seur., 1916, Bs, v. 49, 352.

bombinatoris Linst., 1885b, 245, pl. 14 fig. 22 (in *Bombinator igneus*; by Linst.).

gasterostei Linst., 1884a, 136, pl. 9 fig. 19 (in *Gasterosteus aculeatus*); 1889a, 83 (in intest. G. a.).—Hofer, 1904a, 229 (in G. a.).

gaylordi Rans., 1914, in Gaylord & Rans, 1914, BF, v. 32, 500–501 (in *Canis* fam.; Maine).

geotrupis Linst., 1877a, 12–13, pl. 1 fig. 20 (in *Geotrupes stercorarius*; lng.).—Seur., 1916, Bs, v. 49, 363 (in *G. sylvaticus*).

hospes Linst., 1882a, 16–17, pl. 2 fig. 21 (in *Armadillo* vulg., *Vortex lapicida*, *Vitrina cellaria*; by Linst.); 1889a, 114 (in A. v.).—Seur., 1916, 363 (in *Armadillidium* vulg.).

juli Linst., 1878b, 242, pl. 9 fig. 34 (in *Julus terrestris*; by Linst.); 1889a, 111.—Seur., 1916, 363 (in J. t.).

necrophori Linst., 1878b, 241–242, pl. 9 fig. 32 (in *Necrophorus vespillo*); 1889a, 108 (in N. v.).—Seur., 1916, 363 (in N. v.).

paganelli (Mol., 1859) Dies., 1861a, 727 (in *Gobius paganellus*; Padua).—Linst., 1878a, 229.—Stiles & Hass., 1905b, 83.

passali-cornuti Linst., 1878a, 302 (in *Passalus cornutus*; quotes Leidy, 1852b, 243, pl. 11 fig. 46).

pectinis-jacobæi Linst., 1878a, 322 (in *Pecten jacobæus*; by Wedl, 1855a, 390). species Linst., 1889a, 90 (in *Carassius* vulg.; quotes Ols., 1883a, 53).

tritonis Linst., 1877a, 12 (larva encysted in intest. wall of *Triton tæniatus*; lng.); 1878a, 204.

vespillonis Linst., 1878b, 242, pl. 9 fig. 33 (in *Necrophorus vespillo*); 1889a, 108.—Seur., 1916, 363.

AGAMONEMATOIDEA Dies., 1851a, 113 (tribe of *Protucha*, contains *Trichina*, *Agamonema*).—Goldb., 1855a, 108.—Kolenati, 1857, 12.

AGAMONEMATODEUM Dies., 1853a, 35.—Seur., 1916, Bs, v. 49, 351.

blapis-mortisagæ Dies., 1853a, 35 (in *Blaps mortisaga*; Stein, 1852, ZwZ, 204, pl. 10 fig. 11).—Seur., 1916, 351 (in B. m.).

AGAMOSPIRURA Henry & Sis., 1913, 1004, 1009, 1012; 1914, RgMv, 436–437.—Seur., 1916, 352.—Skrj., 1916, 462, 533–534, fig. 60; 1916, 88–89, 151.

AGANOMENA Cond.-Franc., 1898a, 17 (misprint for *Agamonema*).

AGCHYLOSTOMA Chiaje, 1846a, 400 (for *Agchylostoma*).—Solonet, 1909, 92.

duodenale (Dubini, 1843) Chiaje, 1846a, 400–403.

mephites Solonet, 1909, RAYV, v. 2 (15–16), 92 (in *Mephites suffocans*; Buenos Aires); 1909, 92.

AGCHYLOSTOMA Dubini, 1843a, 5–13 (mt. *duodenale*).—See *Ancylostoma*.

braziliense (Gomez, 1910) Gomez, 1914, v. 4 (2), 104; 1914, Bm, v. 28 (12), 113.

caninum (Erc., 1859) Stiles, 1903k (1), 17, 103.

ceylanicum Looss, 1911a, 212, figs. 111, 120 (in *Viverricula malaccensis*; Ceylon).

conepati Solonet, 1911, 1–174, figs. 1–25, 27, 28 (in intest. *Conepatus soffocans*; Buenos Aires).

duodenale Dubini, 1843a, 5–13, pl. 1 figs. 1–3, pl. 2 figs 1–5 (in *Homo*; Italy).

malayanum (Aless., 1905) Looss, 1911a, 211–212, figs. 113, 122 (in *Helarctos malayanus*; by Aless.).

AGCHYLOSTONA—Continued.

- mephites* (Solonet, 1909) Solonet, 1911, 22 (in *Mephites suffocans* (patagonicus)) (cf. *conepati*).
- pluridentatum* (Aless., 1905) Looss, 1911a, 212, figs. 112, 121 (in *Felis mitis*; Brazil).
- Agchylostomiasis (name of disease, see Uncinariasis).—Stitt, 1911, v. 5(3), 345-346.—Archibald, 1913, v. 16 (17), 260-262, 2 charts.—Breinl, 1914, 8-10.
- AGCHYLOSTOMIDÆ Looss, 1905a, 27 (possibly lapsus for Agchylostiminæ, see Looss, 1905a, 28-29); 1911a, 4, 210 (as fam.).—Cast. & Chalm., 1913a, 553-559.—Lane, 1917, IJMR, 424, 435, 436.
- AGCHYLOSTOMINÆ Looss, 1905a, 28-29 (contains Agchylost., Necator, Unc.) (subf. of Strongylidæ); 1911a, 4, 210 (diagnosis) (contains Agchylost., Unc.) (subf. of Agchylostomidæ).—Cast. & Chalm., 1913a, 554-559.—Lane, 1917, IJMR, 435.
- AGCHYLOSTOMUM Dies., 1861a, 716 (for Agchylostoma) (so. Dochmius).—See Anchylostoma.
- duodenale* (Dubini, 1843) Dies., 1861a, 716 (so. Doch. anchylostoma).—Linst., 1885b, 238 (for Agchylostoma).
- AGRIOSTOMUM Rail., 1902b, 107-108, 110 (mt. vryburgi).—Cortelezzi, 1914, 48.—Gedelst, 1911a, 122.—Linst., 1906, 92.—Nev.-Lem., 1912a, 647.—Rail. & Henry, 1909b, 169 (type vryburgi Rail., 1902, not Agr. vryburgi of Vryburg, 1907); 1912, 564; 1913, 506, 509.—Rans., 1911a, 14, 26, 27 (type vryburgi).—Stiles & Hass., 1905b, 84.
- vryburgi* Rail., 1902b, 107-108 (in *Bibos indicus*; Deli, Sumatra); 1915, 492; 1915, 735 (in Zebu).—Gedelst, 1911a, 122.—Nev.-Lem., 1912a, 742.—Rail. & Henry, 1909b, 169 (not of Vryburg, 1907); 1913, 509-511, figs. 3-4 (in B. i.; D., S.).—Rans., 1911a, 14, 18, 27, 121 (in *Bos indicus*; S.).—Stiles & Hass., 1905b, 84.—Vryburg, 1907, 327-331, pl. 3 fig. 1-3, pl. 4 fig. 1-6, pl. 5 fig. 1-2.
- vryburgi* Rail. of Vryburg, 1907k, 327-331, pl. 3 figs. 1-3, pl. 4 figs. 1-6, pl. 5 figs. 1-2 (in intest. of Rinder [Bos]; Deli, Sumatra).—Rail. & Henry, 1909b, 170 (so. Bunost. phlebotomum).
- AKANTHOCEPHALI Schneidem., 1896, 324-325 (for Acanthocephali).
- ALAIMUS Man, 1880a, 2-3 (tsd. primitivus) (free living); 1906, v. 41, 156.—Cobb, 1893a, 824 (47).—Hofmæn., 1913, 604.—Maupas, 1900, AZe, in 463-624, 11 pls.—Menz., 1914, AN, 42.—Stiles & Hass., 1905b, 84 (type primitivus).
- dolichurus* (Man, 1876) Man, 1880a, 3 (free; Holland).—Hofmæn., 1913, 605-606.—Hofmæn. & Menz., 1915, 119.—Micol., 1914, ZJ, 395-396.—Stiles & Hass., 1905b, 84.
- elongatus* Man, 1906, v. 41, 157-158, figs. 1-3 (in terre sablonneuse; Walcheren Isl.).
- filiformis* Daday, 1894, Mte, v. 12, 128; 1897, v. 2 (1), 83-84, figs. 50-51 (aquatic and in sand; Balaton).
- minor* Cobb, 1893a, 824 (47) (in soil; N. S. W.).
- primitivus* Man, 1880a, 2-3 (free; Holland); 1907, v. 7, 10.—Brakenhoff, 1914, v. 22, 272.—Hofmæn., 1913, 604-605.—Hofmæn. & Menz., 1915, 118-119.—Menz., 1914, AN, 34, 35, 43, 82.—Micol., 1914, ZJ, 394-395; 1915, ZJ, 250-251.—Schneid., G., 1906, 680.
- simplex* Cobb, 1914, TAMS, 72, 85-87 (38, 51-53, 90), pl. 4 fig. 9 (Big Lake, Fla.).
- thamugadi* Maupas, 1900a, 575-578, pl. 25 figs. 8-9, pl. 26 figs. 1-3 (in terre sablonneuse; Prov. Constantine).—Krüeger, 1913, Zww, 118.
- ALLANTINEMA Leuck., 1884a, 320 (misprint for Allantonema).—Stiles & Hass., 1905b, 84.
- ALLANTONEMA Leuck., 1884a, 320 (mt. mirabile) (Allantinema, 320, misprint).—Braun, 1895, 212; 1903a, 253.—A., D., & E., 1901a, 8.—Hempelm., 1912a, 102, 111.—Linst., 1890e, in 489-493, figs. a-b; 1892g, 511; 1893e.—Looss, 1892a, 40.—Rail., 1893a, 556; 1916, RMv, 517.—Schneidem., 1896a, 304.—Shipley, 1896a (1901b), 131, 150, 151, 161.—Stiles & Hass., 1905b, 84.
- diplogaster* Linst., 1890e, 490, figs. a-f (in *Tomicus typhographus*; Austria); 1893e, 170 (in *Bostrychus typographus*).—Fuchs, 1915, ZJ, 117, 130, 152.—Moniez, 1891l, 3.—Shipley, 1896, 152.
- mirabile* Leuck., 1884a, 320 (in *Hylobius pini*); 1886d, 98; 1887b, 567-613, pl. 1 figs. 1-14; 1887l, 350.—Ebert, 1894a, 18-21 (in H. p.).—Fuchs, 1914, ZA, 202; 1915, ZJ, 123, 177, 183-190, 207 (in H. abietis).—Hempelm., 1912a, 101, 108, 111.—Mordw., 1908, v. 13 (1-2), 146.—Seur., 1916, 363 (in H. pini).—Shipley, 1896, 152, fig. 74.—Stiles & Hass., 1905b, 84.

ALLANTONEMA—Continued:

rigida (Sieb., 1836) Moniez, 1891i, 60–62 (in coprophagous coleoptera); 1891k, 282–284; 1891l, 1–3 (in Aphodius); 1892e, 385; (1893), 470–473.

sylvaticum Linst., 1893e, 169–173, figs. 1–6 (in Geotrupes sylvaticus; Harl and Goett.); 1893h, 741.—Seur., 1916, 363 (in G. stercorosus).—Shipley, 1896, 152.

ALLODAPA Dies., 1861a, 614, 644 (mt. typica=allodapa) [not Allodapa Brunn, 1878, orthopt.; not Allodape Lep. Serv., 1825, hymenopt.; not Allodapus Fieb., 1861, hymenopt.].—Hall, 1916a, 52, 60, 62 (type allodapa).—Ols., 1869b, 487.—Scudd., 1884, 11.—Seur., 1914, BSHnA, 195–196 (type allodapa); 1915, CrSB, 122–126, 4 figs.; 1917, CrSB, 353, 354.—Stiles & Hass., 1905b, 84.

allodapa (Crep., 1853) Seur., 1914, 196, 197 (in Cariama huppé, Brazil; perdrix rouge, Bou-Saâda); 1914, 225 (in perdrix).—Hall, 1916a, 60.

crassispiculum (Sons., 1889) Seur., 1915, CrSB, 126 (in Vulpes vulpes atlanticus).—Hall, 1916a, 52, 60.

elongata Seur., 1914, BSHnA, 224–225, figs. 1–3 (in Dipodilla campestris; Bou-Saâda); 1914, CrSB, 521 (in D. c.).—Hall, 1916a, 60–62, figs. 70–72 (in D. c.; Algeria).

leprincei (Gendre, 1909) Seur., 1914, 197–198, figs. 4–5 (in Caprimulgus ægyptius saharæ; Dahomey).

noctux Seur., 1914, BSHnA, 222–224, 225, fig. 4 (in Carine noctua glaux; Bou-Saâda).

numidica Seur., 1915, CrSB, v. 78(6), 122–126, figs. 1–4 (in Vulpes vulpes atlantica; Blida).

suctoria (Mol., 1860) Seur., 1914, BSHnA, 225 (in poule); 1914, 196–197 (in poule; Algeria).

typica Dies., 1861a, 644 (s. Oxyuris allodapa) (in Dicholophus marcgravi; Brazil).—Stiles & Hass., 1905b, 84.

ALLOEONEMA Leuck., 1863a, 4 (for Alloionema, 1859).

ALLOIONEMA Schneid., 1859a, 176–177 (mt. appendiculatum).—Dies., 1861, 271.—Stiles & Hass., 1905b, 84.

appendiculatum Schneid., 1859a, 176–177; 1866a, 159 (to Leptodera) (free).—Dies., 1861c, 272 (larva in Limax (Arion) ater; adult free; Berl.).—Leuck., 1863a, 4 (Alloeonema); 1879a, 125; 1886d, 95.—Stiles & Hass., 1905b, 84.

AMBLYONEMA Linst., 1893a, 470–471 (114–115) (mt. terdentatum).—Rail. & Henry, 1916, CrSB, 115; 1916, CrSB, 250.—Stiles & Hass., 1905b, 84.

terdentatum Linst., 1893a, 470–471 (114–115), pl. 35 figs. 12–14 (in Ceratodus forsteri; Australia); 1898b, 672.—Rail. & Henry, 1916, 115.—Stiles & Hass., 1905b, 84.

AMBLYURA Hempr. & Ehrenb., 1828a (unpaged) (type probably serpentulus).—Carus, 1863, 459.—Duj., 1845a, 237.—Eberth, 1863a, 15–18.—Mol., 1857a, 151.—Nordm., 1840, 663.—Schneid., 1866a, 50, 51.—Scudd., 1884a, 10.—Stiles & Hass., 1905b, 84 (type probably serpentulus).

gordius (Müll., 1786) Hempr. & Ehrenb., 1828a (unpaged).—Bast., 1865c, 171–172 (s.? Enoplus elongatus).—Nordm., 1840, 663.—Stiles & Hass., 1905b, 84.

mucronata Dies., 1861a, 624 (Charkovia; Czernay, 1853, 205).—Bast., 1865c, 172 (Ch.).

serpentulus (Müll., 1773) Hempr. & Ehrenb., 1828a, v. 1 (unpaged) (Phyt. ent., pl. 2 fig. 14).—Bast., 1865c, 171 (s. Anguillula longicauda).—Carus, 1863, 459.—Nordm., 1840, 663.—Stiles & Hass., 1905b, 84.

AMIDOSTOMUM Rail. & Henry, 1909b, 171 (tod. anseris) [Str. nodularis]; 1909, CrSB, 85–88; 1912, 565.—Gedœlst, 1911a, 129.—Nev.-Lem., 1912a, 649.—Skrj., 1915, v. 27, 693–700; 1916, 472.

anseris (Zed., 1800) Rail. & Henry, 1909b, 171 (s. Str. nodularis).—Gedœlst, 1911a, 129, fig. 175 (in Anser dom.).—Hut. & Mar., 1913b, 480, 516.—Nev.-Lem., 1912a, 752.—Skrj., 1915, 694–696, 697, 698, figs. 1–2; 1916, 473–474, 477 (in A. d.; Aoulié-ata).

henryi Skrj., 1915, 698–699, figs. 6–8 (in Vanellus cristatus; Turkestan); 1916, 461, 475–476, 477, figs. 7–9 (sous la couche cuticulaire du gésier de V. c.; T. russe).

monodon (Linst., 1882) Skrj., 1915, 696–697, fig. 3 (in Oidemia nigra); 1916, 477 (in O. n.; Europe).

raillietii Skrj., 1915, 697–698, figs. 4–5 (in Fulica atra; Turkestan); 1916, 461, 474–475, 476, 477, figs. 5–6 (in cœcum of F. a.; Russian T.).

- AMIRA Lane, 1914, IJMR, 394 (tod. omra) (Strongylidæ).
omra Lane, 1914, 394-396, pl. 59 figs. 59-67 (in *Elephas indicus*; Murshidabad and Travancore, India); 1915, 107 (so. *pileata* R., H., & B.); 1917, IJMR, 432.
pileata (R., H., & B., 1914) Lane, 1915, IJMR, 107 (s. *omra*).
 AMORPHOCOELA Burm., 1856a, 279-280 (contains Gordiaceen).
 AMPHIBIOPHILUS Skrij., 1916, 38-39, 117-118 (tod. *acanthocirratus*) (Strongylidæ).
acanthocirratus Skrij., 1916, 39-41, 112, 118-119, pl. 2 figs. 1-5 (in Ranidæ; Brit. E. Africa).
 AMPHISTENUS Mar., 1870a, 14-16 (type ? *agilis*, page precedence).—Stiles & Hass., 1905b, 85.—Villot, 1875, 456.
agilis Mar., 1870a, 14-15, pl. B figs. 1-1g (marine; Pharo).—Stiles & Hass., 1905b, 85.
pauli Mar., 1870a, 15-16, pl. B figs. 2-2b (marine; Pharo).—Stiles & Hass., 1905b, 85.
 Anaemia in dogs.—Lafon & Martin, 1908, 69-79.
 AMULARIA Brera, 1810a, 225 (for Hamularia).
linfatica Brera, 1810a, 225-231; 1810b, pl. 4 figs. 1-3 (for Hamularia lymphatica) (in Homo).—Brems., 1819a, 221 (so. *H. subcompressa*).
 ANANCONUS Rail. & Henry, 1916, CrSB, 115 (tod. *commutatus*); 1916, CrSB, 249, 250.
commutatus (Dies., 1851) Rail. & Henry, 1916, 115.
 ANATONCHUS Cobb, 1916, JP, 196 (subg. of Mononchus) (tod. *tridentatus*); 1917n, 439, 455.
dolichurus (Ditlevsen, 1912) Cobb, 1916, 196; 1917n, 438, 455, 475, fig. 57 to M. (A.) (in moist soil and meadow land; Jutland, Switz.).
gracilicaudatus Cobb, 1917n, 438, 455, 474, 475, fig. 56 to M. (A.) (in marshy ground; Arlington Farms, Va.).
tridentatus (Man, 1876) Cobb, 1916, 196; 1917n, 455 to M. (A.).
 ANCANTHOCEPHALUS Zed., 1803a, 163 (misprint for Acanthocephalus Kœlreuter).
 ANCHILOCEPHALI Crivelli, 1845a, 6 (for Anchilocephali).
 ANCHILOCEPHALI Brera, 1810a, 225 (genus, s. Amularia) (contains Amularia linfatica).—Crivelli, 1845a, 6.
 ANCHILOSTOMA Sons., 1874a, 83 (for Agchylóstoma, type duodenale).—Grassi, Par. & Par., 1878a, 193.—See Ancylostoma.
duodenale (Dubini, 1843) Sons., 1874a, 83.—Grassi, Par. & Par., 1878a 193-196.
duodenale Wucherer, 1868, 227, 229 (misprint for duodenale).
trigonocephalo Cuille, 1908, v. 31 (46), 747-748 (for trigonocephalum) (in dogs).
 Anchilostomia Pennato, 1883a, 302-303 [not clear whether this is for Anchilostoma or anchilostomiasis].
 Anchilostomiasis (Italian, name of the disease caused by Ancylostoma, see Uncinariasis).—Fiorentini, 1908, v. 2, 68-77 (in Messina).—Sons., 1891, v. 4 (43), 193-200.
 ANCHYLOSTAMUM Mœhlau, 1897a, 573 (misprint for Ancylostomum).—See Ancylostoma.
duodenale (Dubini, 1843) Mœhlau, 1897a, 573-579 (misprint).
 ANCHYLOSTOMA "Chiaje, 1846a, 339."—Pruner, 1847a, 244.—Dubini, 1850a, 102-112 (for Agchylóstoma, type duodenale).—See Ancylostoma.
americanum (Stiles, 1902) Siccaldi, 1905c, 1122.
caninum (Erc., 1859) Loeb & Smith, 1904a, 173-178.
duodenale (Dubini, 1843) "Chiaje, 1846a, 339."—Pruner, 1847a, 244.—Dubini, 1850a, 103-112; 1850b, 26.
duodenalis (Dubini, 1843) Züern, 1882, 262.
duoedenale Robledo, 1909, BSPe, 603 (misprint for duodenale).
 ANCHYLOSTOMATA da Rocha, 1868a, 179.—See Ancylostoma.
duodenalia (Dubini, 1843) da Rocha, 1868a, 179.

Anchylostome.—French vernacular for *Ancylostoma*.

duodenale.—French vernacular for *Ancylostoma duodenale*.

Anchylostomen.—German vernacular for *Ancylostoma*.

Anchylostomes.—French vernacular for *Ancylostoma*.

ANCHYLOSTOMIA Henderson, 1903a, 126 (misprint) [not *Ancylostomia* Ragonot, 1893, insect].—See *Ancylostoma*.

Anchylostomiasis (see *Uncinariasis*).—Daniels, 1897, 68.

ANCHYLOSTOMINÆ Leiper, 1908 (3), 190 (subf., contains *Anchylost.*, *Necator*, *Unc.*).—Hall, 1916a, 119.

ANCHYLOSTOMOS Wucherer, 1868a, 150–151 (for *Ancylostoma*, q. v).

duodenales Wucherer, 1868a, 150–151, (for *Ancylostoma duodenale*).—Almeido Couto, 1872, these Bahia, 30.

ANCHYLOSTOMUM Dies., 1851a, 321–322, for *Ancylostoma*, q. v.

americanum (Stiles, 1902) Loeb & Smith, 1904a, 173(1).

bovis (Strøse, 1894) Schnyder, 1906a, 27, 28, 42, 51 (in *Bos taurus*); 1906b, 182, 197, 206.

caninum (Erc., 1859) Loeb & Smith, 1904a, 173(1).

criniforme (Gœze, 1782) Müeh., 1898a, 22–23 (in *Meles taxus*); 1898b, 48 (in *Canis vulpes*).

duodenale (Dubini, 1843) Dies., 1851a, 322 (in *Homo*).

incertum Sons., 1896m, 440–441 (in *Equus cab.*; Zagazig).

radiatum (Rud., 1803 of Schneid., 1866) Hut. & Mar., 1910b, 504, 513.

stenocephalum (Rail., 1884) Müeh., 1898b, 48 (in *Canis vulpes*).

trigonocephalum (Rud., 1808) Looss, 1897c, 916, 918, 919 (in dogs; see Schneid. and Leuck.).

tubæforme (Zed., 1800) Cohn, 1899a, 5, 6, 7, 8.

ANCKYLOSTOMUM Schifone, 1908a, 1329 (misprint for *Ankylostomum*).—See *Ancylostoma*.

americanum (Stiles, 1902) Schifone, 1908a, 1329.

ANCYRACANTHOPSIS Linst., 1889a, 52 (misprint for *Ancyracanthopsis*).

bilabiatus (Mol., 1860) Linst., 1889a, 52.

ANCYRACANTHUS Linst., 1889a, 90 (for *Ancyracanthus*).—Muell., 1904a, 121.

ANCYROCANTHUS Clerc, 1903, RsZ, 256 (for *Ancyracanthus*).

bidens (Rud., 1819) Clerc, 1903, 256.

ANCYLOSTOMA (Dubini, 1843a) Crep., 1845a, 325 (for *Agchylostoma*, type *duodenale*) [not *Ancylostomia* Ragonot, 1893, insect].

The International Commission on Zoological Nomenclature has adopted *Ancylostoma* as the correct form of this generic name, for which the following variants exist: *Agchylostoma*, *Ancylostoma*, *Anchylostoma*, *Anchylostomum*, *Ancylostomum*, *Ancylostomom*, *Anchylostomata*, *Anchylostomos*, *Anhylostoma*, *Anchilostoma*, *Anquilostoma*, *Anghylostoma*, *Ankylostoma*, *Ankylostomum*, *Anklystomum*, *Anchylostamum*, *Ankylostemum*, *Anchylostomia*, *Archilostoma*, *Ancylostormum*, *Ancklostomum*.

In the following list of species we have cited all the names that we have found combined with any of the foregoing variants. If the specific name is included in brackets [], the combination of this spelling or name is not known to us with the spelling *Ancylostoma*.

All literature references to any and all of the variants are given under *Ancylostoma*, and the original reference is repeated under the variant. See also *Uncinariasis*, especially for the medical literature.

ANCYLOSTOMA (cont.) (ASSAM) Ashe, 1892, SRPA, 107.—Costello, 1891, 18, 19, 21, 22, 23; 1892, 21; 1892, 106.—Dobs., 1892a, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 99; 1892b, 356, 357; 1893a, 1, 2, 3, 68, 69.—Forbes, 1892, SRPA, 94.—Gregg, 1892, SRPA, 107.—Hanc., 1892, SRPA, 105.—Winchester, 1892, SRPA, 105.

ANCYLOSTOMA—Continued.

- (AUSTRALIA) Cleland & Johnst., 1912, v. 2, 113.
 (AUSTRIA) Kobler, 1898, 313.
 (BALTIMORE, MD.) Simon, 1897, 208.
 (BELGIUM) Ben., 1884, v. 5, 609.
 (BERL.) Fränkel, 1885a, 443-445; 1885b, 249-251.—Hartmann, 1865a.
 (BRAZIL) Faria & Trav., 1914, v. 4 (1-2), 3-216.—Wucherer, 1866, 63; 1868a, 150-151; 1869, 171, 183, 184, 200.
 (BRENNBERG) Goldmann, 1904, 15; 1905, 45; 1905, 300-301; 1905, 345-346; 1906, 1090-1095.
 (BRIT. GUIANA) Daniels, 1910a, 128; Daniels & Stanton, 1907a, 350.
 (BRUXELLES) Gedœlst, 1911a, 123.
 (BUDAPEST) Hut. & Mar., 1910b, 501.—Iberer, 1903a, 1128-1131, 1147-1151, 1178-1180.
 (CAEN, FRANCE) Vaull., 1901a, 132.
 (CAIRO, EGYPT) Looss, 1892a, 104; 1900c, 150, 151; 1901a (1902), 27, 66; 1902c, 422-426; 1905, 422-426; 1905b, 73 (33); 1905, 118; 1911a, 167, 168, 169, 196, 199, 200, 201, 207, 208, 212, 218, 221, 223, 227, 228, 238, 266, 272, 273, 290, 299, 313, 334, 365, 415, 452, 510, 512, 532, 533; 1912, JTMH, v. 15 (11), 170-174; (12), 182-185; (13), 197-201; 1914, BMJ, v. 1, 1327-1328.
 (CAMBRIDGE, ENG.) Shipley, 1901b, 143, 163; 1905h, 596-597.
 (CEYLON) Thornhill, 1895a, 339.
 (DEUTSCHLAND) Bruns, 1914, ZHI, v. 78, 385-416.—Bruns & Müell., 1905, Oct. 16, 776; 1905, Sept. 20, 795.—Edelmann, 1914a 270.—Füelleborn, 1913, v. 1, 732-734; 1914, v. 18, 26-80 (182-236), figs. 1-14 pls. 1-7.—Füelleborn & Schill.-Torgau, 1912, v. 22(22), 1465-1466.—Goldb., 1855a, 113.—Gunther, 1858a, 199-200.—Neum. & Mayer, 1914a, 423, 424.—Rodenwaldt, 1909, AST, v. 13(3), 166 (see Army, 1909, 164-165).—Schnyder, 1906, 12.—Sommerfeld, 1902a, 38.—Zinn & Jacoby, 1898, 19.
 (DRESDEN) Kûech., 1855a, 297-298; 1857a, 364, 383, 384.
 (ERLANGEN) Pruner, 1847a, 244.
 (FRANCE) Brumpt, 1910a, P, 333, 364; 1913a, 428.—Calmette, 1906, v. 39, 160.—Calmette & Breton, 1905, July 25, 1-4; 1905, 472; 1905, 806-807; 1905, v. 27, 1141-1145; 1905, v. 54, 157-160; 1905, BAM, v. 53, 312-314; 1906, v. 17(7), 268.—Dav., 1873a, 547-593; 1877a, cxviii-cxix;—Gerv. & Beneden, 1859b, 108.—Guiart, 1911a, 227.—Mégn., 1881mm, 712-730; 1882c, 282-289, figs. 1-8.—Moniez, 1896a, 300.—Moq.-Tand., 1860a, 327; 1861a, 334, 353, 354.—Riembault, 1882, 652.—Vaillant, 1870c, 335.
 (GOTT.) Linst., 1885v, 238; 1896c, 17-18; 1906, v. 3, in 163-168; 1906, CfB, v. 43, 89-94, pl. 1.
 (GR. BRIT.) Boycott, 1904, v. 166, 1280; 1904, v. 4, 437-479; 1905, Nov. 11, 427-428; 1905, 280-284, fig. 1; 1905, 807-808; 1905, 864-865.—Boycott & Haldane, 1909, JH Camb., v. 9, 264-270.—Cast. & Chalm., 1910a, 4, 8, 345-346, 449 (ref.); 1913a, 9, 13.—Dunbar-Brunton, 1914, BMJ, v. 1, 965.—Eldred, 1914, JTMH, v. 17, 209-215.—Harper, 1914, L, v. 187, 740-741.—Jacob, 1891, BMJ, v. 2, 1287.—Leiper, 1908, MR, v. 74, 383.—Macallan, 1914, JTMH, v. 17, 249-250.—Rolleston, 1888a, 686.—Wyler, 1913, JTMH, v. 16(13), 193-195.
 (GREIFSW.) Crep., 1845a, 325.
 (INDIA)—Fearnside, 1904, IMG, v. 39, 129-131 (in prisoners).—Lane, 1916, IJMR, v. 4(1), 74-92, pls. 1-3 (and Ceylon); 1917, IJMR, 420, 422, 431, 432, 435, 436.
 (ITALY) Aless., 1909, AdP, 460, 476.—Aporti, 1897, v. 36(2), 208-218.—Bastianelli, 1893, v. 13, 239-242.—Battistini & Micheli, 1896, July 17.—Grassi, 1878b, 349-354; 1878c, 451-454; 1879a, 493; 1882d, 325; 1883a, 409; 1883b, 119-121.—Grassi, Par. & Par., 1878a, 193.—Razza, 1887.—de Renzi, 1882, 14-85.
 (KIEL) Heller, 1876a 560; 1876b, 778, 779, 785, 786, 787, 788.—Schneidem., 1896a, 305.
 (KÖNIGSB. I. PR.) Braun, 1895b, 213, 217, 237; 1903a, 253; 1906a, 327; 1908a, 329; 1915a, 285, 352.—Braun & Lüthe, 1910a, 119, 122.

ANCYLOSTOMA—Continued.

- (LAUSANNE) Galli-Val., 1903b, 138-151, figs. 1-2.
 (LEIPZIG) Leuck. 1867b, 134; 1868a, 411.
 (LILLE, FRANCE) Verdun, 1907a, 321, 357.
 (LOND.) Cobbold, 1876, 4, 15, 676; 1879b, 211.—*Lancet*, 1886, 1176.—Manson, 1901, 547.
 (MEMMINGEN) Huber, 1893a, 157-239; 1896a, 501, 502, 504.
 (MILAN) Dubini, 1842a, 5-13 (mt. duodenale); 1843b, 345-347; 1844, 187; 1850a, 102-112.—Bertarelli, 1917, *GdOC*, v, 38, 33.
 (MOBILE, ALA.) Henderson, 1903a, 126.
 (MODENA, ITALY) Generali, 1888a, 377-379.
 (NAP.) Chiaje, 1846a, 339.—Schifone, 1908a, 1328.
 (NETHERLANDS) Sl. & Sw., 1912a, 331, 336.
 (PADOVA) Lussana, 1889, 19; 1889, 1414.—*Mol.* 1861a, 486(62).
 (PARIS) R. Bl., 1887k, 17-19, figs. 1-4.—Goldschmidt, 1899a, 224-225, fig. 22; 1903a, 82.—Nev.-Lem., 1912a, 647.—Rail., 1893a, 464 (so. Unc.); 1899, 345; 1902b, 110.—Rail. & Henry, 1909b, 170; 1912, v. 14, 564 (g. of Strongyleæ, Strongylinæ).—R., H., & J., 1913, 265.—Ringensbach & Guyomarc'h, 1915, *BSPe*, 302.
 (PAVIA) Sangalli, 1866a, 100-106; 1878b, 364, 366; 1878c, 438-439.
 (PHILA.) Dungl., 1893a, 820.
 (PISA) Sons., 1895, v. 1, 4; 1900, 120.
 (PRAG) Klebs, 1887a, 471 (so. Str.).—Patzelt, 1904a, 329-332, figs. 1-5; 1904b, 1073; 1905a, 613; 1905b, 502-503; 1907a, 157.
 (RUSSIA) Kholodk., 1899a, 178.
 (SPAIN) La Clínica de Malaga, 1883, 309.
 (STOCKHOLM) Lindqvist, 1895b, 56-57.
 (SUMATRA) Vervoort, 1913, v. 53(3), 435-445; v. 3(6), 297.
 (TURIN) Bozzolo, 1912, v. 5, 353-360; 1913, v. 3, 113-117.—Perronc., 1880r, 824, 826, 828; 1883c, 121-123; 1914, v. 56, 218-219.—Perronc. & Boss, 1896, *GrAM*, v. 2, 93.
 (TRIESTE) Stoss., 1895a, 21-25 (3-7) (contains duod., perniciosum, tubæf., trigonoc. [of canines], boæ).
 (TÜBINGEN) Griesinger, 1854a, 554-557; 1855a, 284; 1866, *AdH*, v. 7, 381.
 (URBANA, ILL.) JP, 1915, v. 1(4), 207.
 (U. S. A.) Smith, 1903, 13 (so. Unc.).—Ward, 1895, 330; 1903l, 220, 221; 1916, 698-699.
 (WASH., D. C.) Claytor, 1901a, 1251.—Hall, 1916a, 119.—Rans., 1904d, 42, 51, 52, 57.—Stiles, 1902hh, 184, 186, 187, 189, 192, 218; 1903k(1), 3, 11, 13, 14, 15, 16, 21, 36; 1914, *MM*, v. 2, 271.—Stiles & Hass, 1899a, 164 (so. Unc.); 1905b, 83, 85.—Stitt, 1910a, 232.
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- (PISA) Sons., 1874a, 83; 1878e, 609-618; 1878, v. 18(6), 227-234; 1878, v. 41, 463; 1878, v. 7, 278-280; 1878, v. 18(16), 487-494; 1883b, 155; 1888d, 119, 120, 127-130; 1889, (7-12), 213; 1896a, 319, 329.
- (RIO DE JANEIRO) Fajardo, 1896a, 758.
- (RUSSIA) Chlapowski, 1909, 328.—Ebermann, 1884a, 271-275.
- (SAO PAULO, BRAZIL) Lutz, 1885c, 2295-2350.
- (SICILY) Caland., 1889a, 6, 8.
- (SPAIN) Clínica de Malaga, 1883, 309.
- (SPANISH HONDURAS) Barlow, 1915, 272.
- (STUTTGART) Rosenfeld, 1885a, 273-277.
- (SWITZ.) Bugnion, 1880, BSvSn, v. 17, xxxviii-xxxix; 1881a, 269-289, figs. 1-2, pl. 5 figs. 1-15; 1881b, 1-62, fig. 1, pl. 1 figs. 1-15; 1881c, 382.—Eichhorst, 1901a, 311-315, figs. 51-52.—Galli-Val., 1903l, 90.—Isenschmid, 1882, Dec. 12.—Long, 1881a, 437-440; 1881b, 625.—Müell., 1882a, 146; 1903a, 63; 1903b, 136; 1903c, 302.—Schönbächler, 1881a, 89; 1881b, 409-411; 1881c, 154-155.—Schulthess, 1881a, 379; 1886a, 797-800, 812-816; 1896a, 147-148; 1896b, 615-616.—Sonderegger, 1880, CSA, v. 10, 646-648; 1880, BSM, 366.—Wyss, 1882a, 172.
- (TEXAS) Herff, 1894a, 415; 1894b, 615-616.
- (TURIN) Bozzolo, 1879b, 369-370.—Perronc., 1881, 3; 1882a, 338-359.
- (TRIESTE) Stoss., 1859a, 21-23; 1899, v. 19, 117.
- (TRINIDAD) Alston, 1833b, 807.
- (TÜBINGEN) Griesinger, 1854a, 555; 1866, AdH, v. 7, 381.
- (UPSALA) Jægers., 1909 (25), 27.
- (U. S. A.)—Capps, 1902a, 1042; 1903a, 28-33; 1903b, 68; 1903c, 68-69; 1903d, 57; 1903e, 32.—JAMA, 1901, 177; 1901, 1466-1467.—Martin & McKittrick, 1917, 382, 390-391, figs. 20, 38.—Petrunkévitch, 1916, 80, fig. 18.—Pratt, 1916a, 223, fig. 356.—Vedder, 1906a, 871, 872.—Ward, 1895a, 311, 330; 1903l, 221; 1916, 699-700, figs. 4105-4108.—Weinl., 1858a, 89.—White, 1866a, 9-10; 1866b, 427; 1876, v. 6, 9.
- (VENEZUELA) Rangel, 1904a, 31-61, pl. 1.
- (WASH., D. C.) Claytor, 1901a, 1251.—Rans., 1904d, 43, 45, 47, 63.—Stiles, 1901p, 531; 1902hh, 192, 201, 209, 217, 218; 1903k (1), 3, 7, 9, 13, 15, 17, 18, 19, 21, 22, 23, 24, 26, 27, 29, 31, 32, 33, 34, 50, 52, 56, 59, 60, 61, 63, 89, 99, 110, 111, 112, 114, 115, 116; 1907e, 583, 584; 1914a, 274.—Stiles & Garrison, 1906a, 11, 68, 69, 74, 77.—Stiles & Hass., 1899a, 164.—Stitt, 1910a, 232, 242; 1916a, 313, 325, 411.
- (WIEN) Dies., 1851a, 322; 1861a, 716 (so. Doch. ancylostoma).—Pintner, 1905c, 4-5.—Prowazek, 1914, 635.—Wedl, 1856a, 65.—Weichselbaum, 1898a, 276, 322.—Zappert, 1892a, 347-350; 1894a, 314.
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- (ZÜRICH) Monighetti, 1881a, 1882.
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- (DEUTSCHLAND) Guttman, 1885a, 486-487.
- (GR. BRIT.) Cummins, 1912, JRAMC, v. 19 (1), 42-55, figs. 1-22.
- (SWITZ.)—Bugnion, 1881c, 382.—Schulthess, 1882a, 163-220, pls. 11-12; 1882b, 1-60.
- , —, œsophagus: (SWEDEN) Jægers., 1897b, 1-26, pls. 1-2.
- , —, seminal vesicle: (DEUTSCHLAND) Leuck., 1868, 425-426.
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- , —, uterus: (DEUTSCHLAND) Leuck., 1868, 430, 431.
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- , —, ventral line: (SWITZ.) Schulthess, 1882, 184.
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- (FRANCE) R. Bl., 1888a, 748.
- , —, ventral rays: (DEUTSCHLAND) Leuck., 1868, 411.
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- , —, vulva: (DEUTSCHLAND) Leuck., 1868, 429.
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- (ITALY) Mol., 1861, 485 (61).
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- , Biology, life history, development: (BELGIUM) Lagae, 1900a, 223-226.
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- (CAIRO) Looss, 1896, 895; 1898b, 441-449, 483-488, 978-980; 1899a, 662-669; 1905a, 1-158, figs. 1-10; 1911, RESM, v. 4, 163-613, pls. 11-19, figs.; 1914, HdT, v. 2, 401f.
- (DEUTSCHLAND) Leichtenstern, 1886a, 132-133; 1886b, 432-434.
- (FRANCE) R. Bl., 1888a, 765.—Breton & Bruyant, 1912, RH, v. 34 (9), 940-956; 1913, ICHD, v. 1 (2), 699-712; 1913, CfB, v. 57 (5), 141.
- (GR. BRIT.) Cummins, 1912, JRAMC, v. 19 (1), 42-55, figs. 1-22.—Leiper, 1909, BMJ, v. 2, 1332; 1909, BkW, v. 46 (49), 2199; 1909, JTMH, v. 12 (23), 364; 1910, CfB, v. 46 (16), 494.—Nuttall, Bidd., etc., 1904, Comm. Rep., 3, 4 (see also 1905a).
- (HUNGARY) Schopf, 1888d, 1204-1212, figs. 1-25; 1888e, 556-557, 571, 583-584, figs. 1-17; 1889a, 151-152, 176-178, 200-202.

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- (INDIA) Giles, 1899c, 660; 1899d, 598–599; 1900b, 57; 1903b, 83.
- (ITALY) Aless., 1904, BSzi, v. 5 (4–6), 147–166, figs. 1–3; 1905, BSzi, v. 6, 173–176.—Par. & Grassi, 1878b (c), 53–58 (1–6), figs. 1–23; 1878d, 358–360.
- (JAPAN) Miyagawa, 1916, MmF, v. 15, 411–452, 8 pls. (mouth infection); 1917, JAMA, v. 68, 885.
- , —, etc., eggs: (AUSTRIA) Goldman, 1898, 19; 1900, 19; 1903, 92; 1903, 70.
- (CAIRO) Looss, 1911a, 310–311, 313–315, 319, 321, 322, 336, 1914, HdT, v. 2, 396, 401, 409.
- (DEUTSCHLAND) Bruns, 1904, KJ, v. 12, 1–28; 1904, MmW, v. 51 (15), 672; 1904, HR, v. 14 (11), 528–530; 1904, DmW, v. 30 (34), 1254–1255.—Korbelius, 1899, 117; 1899, 186.—Leichtenstern, 1887, 393, 714; 1885, 10.—Muell., 1903a, 63; 1903b, 1361; 1903c, 302.—Tenholt, 1903, 21; 1903, 4; 1904, 4, 1905, 2.—Wasielewski, 1913, HdH, v. 3 (3), 308, 312.
- (FRANCE) Calmette & Breton, 1905, 21.
- (GR. BRIT.) Nuttall, Bidd., etc., 1904, 3 (see also 1905a).
- (INDIA) Giles, 1891, 70.
- (ITALY) Chiari, 1893, 4.—Grassi & Par., 1879, 12.—Par. & Grassi, 1878, 2.
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- , In tea gardens: (INDIA) Forbes, 1892, IMG, v. 27 (3), 93–94.—Giles, 1892g, 126–127.
- [*duodenate*] White, 1866b, 427 (misprint for *duodenale*, from Bahia).
- [*duodeno-jejunale*] Leichtenstern, 1886c, 238 (27) (for *duodenale*) (*Ankylostoma*).—Looss, 1905a, 18 (so. *duodenale*) (*Ankylostomum*); 1905b, 43 (3).
- [*duonenale*] Wucherer, 1868, 227 (*Anchilost.*) (misprint for *duodenale*).
- [*hominis*] Leichtenstern, 1898d, 980 (*Ankylostoma*) (*duodenale* renamed).—Barfod, 1903, v. 5, 713–716, 736–738, figs. 1–3.—Goldman, 1903, 69; 1904, v. 3 (10), 1–6; 1904, v. 55, 82–83.—Looss, 1905a, 18; 1905b, 43.
- [*incertum*] Sons., 1896m, 440–441 (*Anchylostomum*) (in *Equus cab.*; Zagazig).—Looss, 1911a, 325 (*Ankylostoma*) (probably from *Homo*, not from horse).—Rail., 1897a, 1135 (in E. c.); 1899g, 345.—Ratz, 1898a, 304 (so. *duodenale*) (probably not from horse).
- [*longemucronatum*] (Mol., 1861) Linst., 1897d, 184–187, figs. 1–4 (in *Sus scrofa* dom.); 1906, 390 (in S. s. d.).—Aless., 1909, AdP, 460.—Jägers, 1897a, 22 to (Doch.).—Ströese, 1898a, 83.—Stoss., 1899d, 118 (64) (to Unc.).
- malayanicum* F., S., & T., 1916a, 838 (lapsus for *malayanum*).
- malayanum* (Aless., 1905) Lane, 1916, IJMR, 74, 78, 79, 81–84, 85, 89, 91, pl. 1 fig. C1, pl. 2 figs. C2–C10, pl. 3 fig. C11–C13.—F., S., & T., 1916a, 456.—See also: Looss, 1911a, 211–212, figs. 113, 122 (*Agchylostoma*) (in *Helarctos malayanus*; by Aless.).—Rail. & Henry, 1909b, 170 (*Ankylostomum*).
- [*mephites*] Solanet, 1909, 92 (in *Mephites suffocans*; Buenos Aires) (*Agchylostoma*); 1911, 22.
- minimum* (Linst., 1906) Lane, 1916, IJMR, 77, 88, 89–90, 91 (in *Felis rubiginosa*; Kandy, Ceylon).—Linst., 1906, v. 3 (11), 170, pl. 1 figs. 11–12 (*Ankylostomum*) (in F. r.; K. C.).
- [*perniciosum*] Linst., 1885b, 238–239, pl. 13 fig. 10 (*Ankylostomum*) (s. *Str. tubæformis* of Linst., 1879, 180–181, figs. 27–28) (in *Felis tigris*; Zool. Gard., Hamburg); 1889a, 14 (in F. t.) (= *Str. t. pars*); 1896c, 17–18 (fatal); 1906, 390.—Rail., 1900d, 91.—Stoss., 1895a, 23 (5), (in F. t.; H.); 1899d, 119 (65) to Unc.).
- pluridentatum* (Aless., 1905) F., S., & T., 1916a, 456 (in *Felis mitis*; Brazil).—See also: Lane, 1916, IJMR, 78, 88, 89, 91 (in F. m.).—Looss, 1911a, 212, figs. 112, 121 (*Agchylostoma*) (in F. m.; B.).—[Rail. & Henry, 1909b, 170 (*Ankylostomum*).]
- [*radiatum*] (Rud., 1803) R. Bl., 1888a, 770 (*Ankylostoma*) (in *Bos taurus*).—Fiebiger, 1912a, 290.—Hut. & Mar., 1910b, 504, 513; 1913b, 507, 514.—Linst., 1906, CfB, 91 (to Bunost.).—Rundsch. a. d. Geb. d. Fleischbesch. (24), 440.—Schmidt, 1906a, 647.
- [*species*] Bodkin & Cleave, 1916, BER, 182 (in dog; Brit. Guiana).

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[species] R. Bl., 1886i, 296 (3) (in *Lachesis muta*; Brazil, Wucherer, 1872a, 393, 394).

[species] Schnyder, 1906a, 12 (in *Bos taurus*; quotes Scheben, 1905) (*Ankylostomum*).

[*stenocephalum*] (Rail., 1884) R. Bl., 1888a, 770 (*Ankylostoma*) (in dog).—Fiebiger, 1912a, 289.—Hut. & Mar., 1913b, 504.—Linst., 1885b, 238, pl. 13 figs. 8–9 (in fox); 1889a, 15 (in *Canis fam.*); 1896a, 4–5.—Looss, 1911a, 195, 196, 198, 211, pl. 11 figs. 106b.—Mûeh., 1898b, 48 (in *C. vulpes*).—Név.-Lem., 1912a, 738.—Rail., 1900d, 93 (to Unc.).—Stoss., 1899d, 123 (69) (to Unc.).—Sl. & Sw., 1912a, 388, 402.—Ward, 1895a, 342 (to Unc.) (in *C. f.*).—Also reported for *Megalotis cerdo*.

[*strongyloides*] Braun & Lûehe, 1910a, 121 (lapsus for *Ankylostomum*, *Strongyloides*).

[*trigonocephalo*] Cuille, 1908, v. 31 (46), 747–748.

trigonocephalum (Rud., 1808) Braun & Lûehe, 1909a, 111, 113, 151 (quotes Leuck. in dog, fox).—See also: R. Bl., 1888a, 770 (quotes Mègn.; in dog, cat; France).—Braun & Lûehe, 1910a, 122, 124, 161 (in dog, foxes).—Cohn, 1899a, 8 (quotes Walter; in Wildkatze; also in dogs).—Fiebiger, 1912a, 288, figs. 205–207 (in cat, dog, fox, wolf).—Linst., 1885b, 238, figs. 8–9 (in *Canis vulpes*); 1889a, 14 (in *C. azaræ*), 15 (in *C. fam.*), 16 (in *Megalotis cerdo*); 1896a, 18 (in *C. lagopus*); 1896b, 18 (in *C. f.*); 1906, CfB, v. 43 (1), 93 (in dog) (so. *caninum*) (in sheep, s. *cernuum*).—Looss, 1897c, 916 (quotes Schneid., 1866a, 128, 137, 138; in dog, fox; Europe), 918, 919; 1898b, 446 (quotes Leuck.), 448, 483, 485 (in fox); 1911a, 211 (of Linst. from *Vulpes azaræ*, probably Unc. n. sp.) (in *Cynailurus jubatus*, determination).—Mûeh., 1898b, 48 (in *C. f.*).—Rail., 1900d, 91 (of Linst., 1885, 235 du renard, so. Unc. *stenoc.*).—Ratz, 1898d, 303 (Leuckart's experiments).—Sl. & Sw., 1912a, 386, 402 (in cat, dog).—Stoss., 1889f, 181 (4), pl. 5 fig. 12 (in *C. f.*; Medvedski brieg); 1890g (h), 129 (1) (in *C. vulpes*; Semlino); 1895a, 24–25 (6–7) (in *C. f.*, *C. lupus*, *C. v.*, *C. jubatus*, *C. azaræ*, *C. lagopus*, *M. c.*); 1898c, 87–88 (in volpe; Trieste) (to Unc.); 1899d, 122 (to Unc.).—Vaull., 1901a, 113 (in dog, cat).—Ward, 1895a, 342 (in *C.*; (to Unc.).

[*tubæforme*] (Zed., 1800) Linst., 1885b, 237–238, pl. 13, figs. 5–7 (*Ankylostomum*) (in *Felis catus dom.*); 1889a, 13 (to Str.) (so. *Doch. balsami*).—R. Bl., 1888a, 770 (so. *trigonoceph.*) (in cat).—Cohn, 1899a, 5, 6, 7, 8.—Név.-Lem., 1912a, 736 (so. *caninum*).—Rail., 1900d, 91 (of cat, so. *caninum*).—Stoss., 1895a, 23–24 (5–6) (in *Felis catus*, *F. concolor*, *F. tigris*, *F. mellivora*, *F. viverrina*, *F. leo*, *F. onça*, *F. leopardus*, *F. panthera*); 1899d, 120 (to Unc.) (in *F. c.*) (Rovellasca, Offenbach), *F. concolor* (Brazil), *F. tigrina* (Brazil), *F. v.*, *F. l.*, *F. o.*, *F. l.*, *F. p.*).

ANCYLOSTOMEÆ F., S., & T., 1916a, 445 (for *Ankylostomeæ*).

ANCYLOSTOMIDÆ Lane, 1917, IJMR, 420, 422, 435, 437 (contains *Ancylostominæ*, *Necatorinæ*).

ANCYLOSTOMINÆ F., S., & T., 1916a, 438 (for *Ancylostominæ* Rail., 1909).—Lane, 1917, IJMR, 420, 422, 436 (contains *Ancylost.*).

ANCYLOSTOMOM Mol., 1861a, 486 (62) (misprint for *Ancylostoma*).

duodenale (Dubini, 1843) Mol., 1861a, 486 (62).

ANCYLOSTOMUM Dies., 1851a, 82, for *Ancylostoma*, q. v.

braziliense de Faria Gomez, 1910, MIOC, v. 2(2), 286–293, pl. 22 figs. 1–2 (in *Felis dom.*, *Canis fam.*; Rio de Janeiro).

caninum (Erc., 1859) Gomez, 1910, v. 2(2), 287.

duodenale (Dubini, 1843) Sieb., 1852f, 55–59, pl. 5 figs. 1–10.

duodenate White, 1866b, 427 (misprint for *duodenale*; from Bahia).

ANCYLOSTORMUM Schifone, 1908a, 1328 (misprint for *Ancylostomum*).

duodenale (Dubini, 1843) Schifone, 1908a, 1328.

ANCYRACANTHIDÆ Rail., 1916, RMv, 521.

ANCYRACANTHOPSIS Dies., 1861a, 670–671 (mt. *bilabiata*).—Olss., 1869b, 487.—Rail., 1916, JP, 99.—Scudd., 1884a, 18.—Stiles & Hass., 1905b, 85.

bilabiata (Mol., 1860) Dies., 1861a, 671 (in *Eurypyga helias*; Brazil).—Stiles & Hass., 1905b, 85.

- ANCYRACANTHUS** Dies., 1838a, 189 (mt. *pectinatus*); 1839a, 227-229, (mt. *pinnatifidus*).—Carus, 1863, 462.—Clerc, 1903, 245 (*Ancyracanthus*).—Crep., 1841, 82.—Duj., 1845a, 228.—Goldb., 1855a, 110.—Krefft, 1871, 210.—Linst., 1898c, in 280-291; 1899b, in 28 pp.; 1909, 49, 66.—Mol., 1857a, 152.—Müll., 1904a, 121 (*Acyracanthus*).—Nordm., 1840, 550, 648.—Ols., 1869b, 487.—Poche, 1912, AN, 15.—Rail., 1916, JF, 99, 102 (of Schneid., 1866a, p. p. so. *Schistorophus*).—Rans., 1904a, 31.—Schneid., 1866a, 29, 103-104, 109, 232, 236, 238, 286.—Stiles & Hass., 1905b, 85.—Wallenstedt, 1847, 8.—Zool. Rec., 1898 v. 34, (for 1897), Verm., 42 (*Aucyracanthus*).
- bidens* (Rud., 1819) Schneid., 1866a, 104, 105 (in *Merops apiaster*; by Brems.).—Clerc, 1903, 245 (*Ancyracanthus*), 256.—Also reported for *Astur palumbarius*.
- bihamatus* Müell., 1897a, 7-9, pl. 1 fig. 5 (in *Sterna risoria*; lng.).
- bilabiatus* Mol., 1860e, 343(15) (s. *Spiropt. ardeæ-helias*) (in *Eurypyga helias*; Brazil).—Dies., 1861a, 671 (to *Ancyracanthopsis*).
- cucullus* Linst., 1899b, 19, pl. 5 figs. 50, 54 (in *Potamogale velox*; Kamerun).
- cystidicola* (Lam., 1801) Schneid., 1866a, 104, 105-106 (in *Salmo fario*, S. *thymallus*; Germany).—Hofer, 1904a, 229, 239 (in *Coregonus oxyrhynchus*, *Thymallus vulg.*, *Trutta fario*).—Huynen, 1914, AMv, v. 63, 348, fig. 1.—Leidy, 1886e, 310 (in S. f.; Europe); 1904a, 190.—Linst., 1903, 269 (in C. muskun, S. *erythraeus*, T. *vulg.*); 1909a, 66, fig. 46 (in C. o., *Squalius cephalus*, *Trutta trutta*, T. *fario*, Th. v.).—Müeh., 1898, 53.—Mulow, 1911, ZA, v. 38(22-23), 484-486, figs. 1-6; 1912, AZ, v. 9 (1), 63-72, figs. 1-5, pls. 5-6 figs. 1-45.—Schneid., G., 1903, 32, 33.—Zsch., 1896, 773, 775, 776, 778, 784, 822 (in *Thymallus vexillifer*, S. *aphalus*).—Also reported for *Acipenser sturio*.
- denuclatus* (Duj., 1845) Linst., 1889a, 90 (in *Scardinius erythrophthalmus*) (*Ancyracanthus*); 1902, 222 (s. *Disph. filif. Zsch.*) (in *Barbus fluvi.*); 1909, 67 (in *Alburnus lucidus*, *Blicopsis abramorutilus*, Barb. f., *Gobio fluvi.*, *Idus melanotus*, *Leuciscus rutilus*, *Pelecus cultratus*, *Phoxinus laevis*, Sc. *ery.*, *Squalius cephalus*, S. *leuciscus*).—Zsch., 1896, 773, 775, 784, 821 (in S. c.).
- filiformis* (Zsch., 1884) Zsch., 1896a, 784, 820 (in fish; Genfersee) (*Ancyracanthus*).
- impar* Schneid., 1866a, 106 (in *Osmerus eperlanus*; lng.).—Hofer, 1904a, 239 (in O. e.).—Jäskeläinen, 1913, 93.—Jägers., 1897, 21.—Linst., 1901, 275-276, fig. 1; 1906, v. 47, 112, fig. 5 (in O. e.; Kurisches Haff.); 1909, 67, fig. 47 (in *Coregonus albula*, C. *fera*, C. *lavaretus*, *Gasterosteus aculeatus*, *Osmerus eperlanus*, *Trutta fario*).—Schneid., G., 1903, 31-34.—Zsch. & Heitz, 1914, 226-229, 230 (in *Salvelinus malma*; Kamtschatka).
- longicornis* Hempr. & Ehrenb. in Schneid., 1866a, 104-105, fig., pl. 6 fig. 10 (in *Numenius arquatus*, *Tringa variabilis*, *Totanus glottis*; Tor, Egypt).—Rail., 1916, 102 (to *Schistorophus*).
- ophthalmicus* Linst., 1898c, 285-286, pl. 22 figs. 11-12 (in *Carpophaga brechleyi*; Ralum).—Rans., 1904a, 30 (to *Ceratospira*).
- pectinatus* Dies., 1838a, 189 (in *Podocnemys expansa*; Brazil) (renamed *pinnatifidus* 1839).—Stiles & Hass., 1905b, 85.
- pinnatifidus* Dies., 1839a, 227-229, pl. 14 figs. 21-27, pl. 18 figs. 1-20 (in *Podocnemys expansa*; Borba); 1851a, 208 (in P. e., P. *tracaxa*; Brazil).—Crep., 1841, 82.—Duj., 1845a, 288.—Nordm., 1840, 550, 648 (in P. e.).—Schneid., 1866a, 103.
- salmonicola* Ishii, 1916, 125-136, figs. 1-8 (in a salmonoid fish; Japan).
- serratus* Wright, 1879b, 74, pl. 1 fig. 18 (in *Coregonus albus*; by Wright).—Stoss., 1896a, 64(58) (to Asc.).
- species Schneid., 1913, 31 (in *Leuciscus leuciscus*).
- ANCYRACANTUS** Clerc, 1903, v. 11, 245 (misprint for *Ancyracanthus*).
- Aneurysma** (Aneurysm).
- verminosum* (verminous).—Folmer, 1914, 1-127, 1 pl., 15 charts (A. v. equi).—Jensen, 1913, 1-4.—Petit, 1907, BScMv, v. 61, 345-346 (horses).
- of horses, see *Str. armatus*, etc.—Adelmann, 1908, AwPT, 297-340, pl. 11 figs. 1-3.
- ANGHYLOSTOMA** La Clínica de Málaga, 1883, 309 (misprint for *Agchylostoma*).—Stiles & Hass., 1905b, 85.
- duodenalis* (Dubini, 1843) La Clínica de Málaga, 1883, 309.

- ANGIOSTOMA** and **ANGIOSTOMUM** Duj., 1845a, 3, 244, 262-263, 653 (changed to *Angiostoma*) (tsd. *limacis*=*tat*. *Leptodera angiostoma*) [not *Angystoma* Schum., 1817, mollusk, for *Angystoma* Klein, 1753, mollusk, changed to *Angiostoma* Ag., 1846; *Angystoma* Risso, 1826, super-generic].—Braun, 1895b, 212; 1903a, 253; 1908a, 284.—Carus, 1863, 460.—Hall, 1916a, 6; 1916b, 517, 520.—Linst., 1885a, 1-3, pl. 1-2 figs. 1-15; 1904, CfB, in 678-683; 1906, Jhg. 72, in 249-258, 3 pls.; 1909a, 71-76.—Looss, 1892a, 39.—Mol., 1857a, 151.—Oerley, 1885, Mtk, v. 21(1), 82.—Rail., 1893a, 556; 18991, 1271; 1900a, 106.—Rans., 1911a, 104.—Roll-st., 1888a, 680, 681, 683, 684, 686, 688.—Schneidem., 1896a, 304.—Schneid., 1866a, 110, 154.—Shipley, 1896 (1901b), 134.—Skrj., 1916, 87, 149, 150.—Stiles & Hass., 1905b, 85.—Stædter, 1901a, 55.—Stoss., 1893b, 1-7; 1893d, 91-96; 1893e, 1-6; 1898, 99.
- brachylaemus* Linst., 1903k, 117 (in *Bufo melanostictus*; Siam).—Shipley, 1903, 154.—Skrj., 1916, 90 (in B.m.).
- chamæleonis* Skrj., 1916, 87-88, 91, 150-151 (in *Chamæleontidae*; Brit. E. Africa).
- cylindricum* (Leidy, 1849) Dies., 1851a, 559 (in *Helix alternata*; Phila.).
- dujardini* Maupas in Seur., 1916, 341, 342 (entomelas of Duj. renamed).
- entomelas* Duj., 1845a, 262-263, pl. 4 fig. C (in *Anguis fragilis*; Rennes).—E. Bl., 1849a, 181-182.—Dies., 1851a, 138-139.—Leidy, 1851b, 206 (1904a, 48).—Linst., 1875a, 201; 1882a, 8; 1885a, 2-7, pl. 1 figs. 1-10.—Maupas in Seur., 1916, 341-342 (so. *macrost.*) (in Orvet).—Oerley, 1885, v. 21(1), 83.—Seur., 1916, 341.—Skrj., 1916, 91 (in A. J.).—Stoss., 1893, 3-4.
- fuscotenosum* Rail., 18991, 1271-1273 (in *Tropidonotus natrix*; [Europe]); 1900a, 106.—Linst., 1909, 76 (in T. n.).—Skrj., 1916, 91 (in T. n.).
- helicis* Conte & Bonnet, 1903a, 198-199 (in *Helix aspersa*; Lyon); 1903, 1-8, figs.; 1904, v. 50, 64-68, figs. 1-11 (in genital organs of *Helix aspersa*; France); 1905, 57.—Conte, 1903, figs. 1-8.
- limacis* Duj., 1845a, 263, pl. 6 fig. B (in *Limax rufa*; Rennes).—Carus, 1863, v. 2, 460 (in *Arion rufus*).—Conte & Bonnet, 1904, 67.—Mordw., 1908, 147, 173 to *Rhabditis* (*Angiost.*).—Rail., 1916, RMv, 517.—Schneid., 1856a, 192-197; 1858, 426, pl. 15 fig. 6; 1866a, 148, 149, 155, 157, 273 (so. *Leptodera angiost.*) [type by absolute tautonymy].—Seur., 1913, 79; 1914, 623, 624, 625; 1916, 342.—Stewart, 1914, 182.—Will, 1848a, 174-179.
- limacis* of Schneid., 1856a, 192-197; 1866a, 157, not of Duj.
- limaris* Schneid., 1866a, 155 (misprint for *limacis*).
- macrostoma* Linst., 1875a, 200-202, 207, pl. 4 fig. 28 (in *Anguis fragilis*; by Duj. and Linst.); 1879a, 182, fig. 29 (in A. f.; Ing.) (*macrostomum*); 1885a, 7-9, pl. 1 fig. 11, pl. 2 figs. 12-15; 1892a, 327, 332, pl. 15 fig. 5; 1893, 332.—Maupas in Seur., 1916, 341, 342 (so. *entomelas*).—Oerley, 1885, Mtk, v. 21(1), 83.—Skrj., 1916, 91 (in A. f.).—Stewart, 1914, RIM, 182.—Stoss., 1893, 2-3.
- nigrovenosum* (Gæze, 1800) Linst., 1882a, 10; 1885a, 9-10; 1886a, 113-115; 1890d, 185-186, figs. 18-20; 1906, 256; 1909a, 76, fig. 70 (in *Bombinator igneus*, *Bufo vulg.*, *B. variabilis*, *Pelobates fuscus*, *Rana temp.*, *R. escul.*).—Askazy, 1900a, 570.—Andre, 1912, 480-481; 1913, 186, 194, 197 (in R. t.; Switz.).—Ditlevsen, 1912, 214.—F., S., & T., 1916a, 370, 372, 381, fig. 266.—Fiebiger, 1912a, 226.—Hempelm., 1912a, 102, 107, 108, 110.—Kowal., 1894, 6.—Krüger, 1913, ZwZ, 88, 89, 90, 98, 101, 103, 107, 108, 109, 117, 119.—Lindner, 1890a, 26.—McDowell, 1906a, 309-312, pl. 1; 1908, PCPS, v. 14, 613.—Mordw., 1908, v. 13(1-2), 152, 174 to (*Rhabdonema*).—Müeh., 1898b, 53.—Porta, 1911, 377 (in R. e.; Parma).—Ritchie, 1915, GN, 37, 38 (in B. v., R. t.; Scotland).—Rollst., 1888a, 684 (in frogs).—Schleip, 1911, v. 19(1), 1-3 (Rh.); v. 7(1), 87-138, pls. 4-8, figs. 1-108; 1912, v. 19(1), 1-8.—Skrj., 1916, 87, 90.—Stoss., 1893d(e), 94-95(4-5) (in *Anguis fragilis*, *Bombinator igneus*, *Bufo vulg.*, *B. viridis*, *B. cinereus*, *Pelobates fuscus*, *R. e.*, *R. t.*; Wien); 1898, 99; 1901, 90 (2) (in R. e.; Trieste).
- rotundatum* Linst., 1906, AN, 256 (in *Bufo viridis*; Korfu).—Skrj., 1916, 91 (in B. v.).
- rubrovenosum* (Schneid., 1866) Linst., 1885a, 10-11; 1897c, 616-617, pl. 28 fig. 27; 1906, 256; 1909a, 76 (in *Bufo viridis*, *B. vulg.*, *Pelobates fuscus*).—Andre, 1912, 480-481; 1913, 186 (in *Rana temp.*; Switz.).—Askazy, 1900a, 570.—Müeh., 1898b, 53.—Skrj., 1916, 90 (in B. vir., B. vulg., P. f.).—Stoss., 1893, 5 (in B. cinereus; Berl.).—Also reported for *B. variabilis*.

ANGIOSTOMA and ANGIOSTOMUM—Continued.

sanguinolentum Linst., 1880a, 46-47, pl. 3, fig. 11 (in *Strix flammea*; by Linst.); 1885a, 11-12.—Skrj., 1916, 90 (in S. f.).—Stoss., 1893, 2 (in S. f.; Hameln).—Wolffh., 1900, 10, 17.—Also reported for *Otus vulg.*

serpenticola Linst., 1904u, 678 (in *Heterodon platyrhinus*; N. A.).—Shipley, 1905, PZSL, 251.—Skrj., 1916, 91 (in H. p.).

terricola (Duj., 1845) Dies., 1851a, 139.

ANGIOSTOMIDÆ R. Bl., 1895, 747.—Braun, 1895b, 212, 215; 1906a, 274-277 (contains *Allantonema*, *Angiost.*, *Rhabdonema*).—Blgr., 1914, v. 7(3), 248.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Daniels, 1910a, 71, 72; 1914a, 74.—F., S., & T., 1916a, 374, 379.—Hall, 1916a, 6; 1916b, 517.—Kholodk., 1899a, 183.—Nev.-Lem., 1904a, 97; 1906a, 315; 1908a, 419; 1912a, 654, 834.—Rans., 1911a, 15, 23, 24, 104 (contains *Angiost.*, *Strongyloides*).—Roger, 1901, 95.—Schneidem., 1896a, 304.—Skrj., 1916, 87.—Sl. & Sw., 1912a, 312, 367, 401.—Stoss., 1898, 98.—Verdun, 1907, 321.—Ward, 1903, 208; 1916, 678.

ANGIOSTOMIDES Oerley.—A., D., & E., 1901b, 9 (contains *Angiost.*, *Allantonema*, *Strongyloides*).

ANGIOSTOMOIDEA Hall, 1916a, 5, 6 (superf., contains: *Angiostomidæ*; 1916, RMv, 517.

ANGIOSTOMUM. See ANGIOSTOMA.

ANGUILLA Dav., 1862f, 17 (lapsus for *Anguillula*).

tritici (Steinbuch, 1790) Dav., 1862f, 17.

ANGUILLINA Hamm., 1838a, 352, 358 (mt. ¹ *monilis*) [not *Anguillina* Scudd., 1884, 19, for *Anguillina* Raf. 1815, 91, subf. of fishes].—Stiles & Hass., 1905b, 86.

monilis Hamm., 1838a, 358, pl. 4 fig. A (in *Aphodius conspurcatus*; by H.).—Crep., 1846, 157.—Sieb., 1839b, 157 (in A. c.).—Stiles & Hass., 1905b, 86.

ANGUILLOLA Grassi & Caland., 1884a, 492-494 (for *Anguillula*).—Stiles & Hass., 1905b, 86.

phalaridis (Steinbuch, 1799) Horn, 1888a, 139.

stercoracea D'Allocco, 1894, v. 16(14), 523, 536 (s. *Anguillola intestinale*) [see *stercorale*].

ANGUILLULA² of authors (miscellaneous, including citations in which author of genus is not stated, includes also *Strongyloides*, *Anguillula* Müell., *Anguillula* Ehrenb., etc., etc.).—Anacker, 1887c, 509; 1893b, 140.—Bang, 1889a, 345.—Ben., 1858a (1861a), 342.—Bertarelli, 1917, GdOC, v. 38, 33.—Blisch, 1886, 729.—Braun, 1895b, 24, 212; 1903a, 253.—Calkins, 1901b, 7.—Cobbold, 1879b, 185.—Chatin, 1884b, 1-56, figs. 1-36; 1884, 150-151.—Crep., 1841a, 76, 83.—Le Dantec, 1909, v. 66, 237-238; 1909, 256-257.—Dav., 1856f, 266-269.—Froment., 1878a, 641-659 (viability).—Giard, 1887, 512.—Grassi, 1882d, 325; 1884a, 492-494.—Grassi & Caland., 1884a, 492-494 (*Anguillola*); 1885b, 150.—Grassi & Par., 1882d, 325.—Greeff, 1864c, 112-113.—Hatori, 1898b, 23-24.—Kreffit, 1871a, 210.—Kuhn, 1889a, 239.—Larbaletrier, 1896, v. 2, 264-266 (du blé).—Lavergne, 1901a, 85-91, 3 figs. (S. America) (*Anguillula*).—Leuck., 1867b, 116, 121; 1868a, 492; 1886d, 161, 267 (*Rhabditis* (*Anguillula*)).—Licopoli, 1875a, 41-42 (*tubercoli radiculari*); 1875, 1-2.—Lindner, 1890a, 25.—Looss, 1892a, 40.—Loundsbury, 1909, AJCGH, v. 35, 104-105 (potato).—Penetier, 1886a, 284-286 (viability); 1887a, 365.—Rentsch, 1860, 14, 28.—Rollest., 1888a, 686.—Scheiber, 1880a, 164.—Schneidem., 1896a, 304.—Schneid., 1866a, 30, 51, 148 (so. *Pelodera*), 162-164 (as genus, based on *scandens*-*tritici*), 173, 193, 244, 249, 286, 292.—Schlüfeter, 1905a, 1-35 (in *Homo*); 1905b, 1305-1308; 1906a, 498-499.—Sieb., 1853, 153 (quotes Owen).—Simon, 1897a, 208.—Sl. & Sw., 1912a, 366.—Stitt, 1916a, 314, 396.—Thomas, 1880a, 761-764 (on *Dryas octopetala*; Tirol).—Wallenstedt, 1847a, 8.—Züern, 1882a, 113, 226.

— of horse: Jerke, 1902a, 113-127, figs. 1-9; 1903a, 130; 1903b, 390; 1903c, 538-539; 1903d, 729; 1903e, 453; 1903f, 453; 1904a, 519.

¹ States there are three species, but mentions only one.

² The generic name *Anguillula* is one of the most confused cases in nematode nomenclature, and, as generally used, it represents little more than a collective group for minute free living and parasitic species. It seems clear, however, from the standpoint of the rules on nomenclature that *Anguillula* Ehrenb., 1828 (type *fluvialis*) should be entirely suppressed because of *Anguillula* Müell., 1786 (type *anguillula-glutinis*). As actually used, however, *Anguillula* is simply a collective genus, from which several genera have already been separated.

ANGUILLULA (author of genus not stated, but aceti is cited).—A., D., & E., 1901b, 8.—Braun, 1906a, 20.—F., S., & T., 1916a, 379.—Shipley, 1896a (1901b), 154.

ANGUILLULA Hempr. & Ehrenb., 1828a, (tsd. fluviatilis) [designation of tritici by Dav., and of aceti by Bast., and de Man invalid] (contains fluviatilis, inflexa, coluber, recticauda, dongolana).—Bast., 1865c, 110 (type aceti).—R. Bl., 1886n, 1178–1179.—Braun, 1908a, 284, 289.—Büetsch., 1873a, 68–69.—Carus, 1863, v. 2, 460 (s. Vibrio, Rhabditis) (subg. Aormus, Streptost., Thelast., Hystriognathus).—Cast. & Chalm., 1910a, 403; 1913a, 517.—Dav., 1857a, 216 (type tritici), 201–271, 1877a, xciii.—Dies., 1861a, 627.—Duj., 1845a, 243–244.—Jägers., 1909, 6, 26.—Man, 1910, ZJ, 359–394, 362, 363 (type aceti), figs. 1–36.—Menge, 1866, SnG Danzig, 6–7.—Müell., 1884a, 34–35.—Neum. & Mayer, 1914a, 78, 364.—Nev.-Lem., 1908a, 420; 1912a, 654.—Nordm., 1840a, 664.—Oerley, 1880a(b), 96–101, 176–177 (84–89, 164–165); 1885, v. 21(1), 72.—Perez, 1866a, 152, 153, 154.—Sieb., 1839b, 157.—Stiles & Hass., 1905b, 86 (tsd. fluviatilis=fluviatilis).—Ward, 1903, 207; 1916, 677.

ANGUILLULA Müell., “1786a, 63” (tat. Vibrio anguillula Müell., 1773 [=Chaos redivivum Linn., 1767, renamed] (confined to glutinis by Müell., 1783. hence type is anguillula=glutinis).—[Roffredi, 1775a, 197–225, figs. 1–19 (Chaos filiforme redivivum, Vibrio anguillula, anguillule vulgaire); 1775, Obs., 3–19; 1776a, 369–385].—Stiles, 1905f, 293 (Chaos redivivum); 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 34, 86 (type anguillula=glutinis).

aceti (Müell., 1783) Müell., 1786a, 63–64 (s. Chaos redivivum).—Abbott & Richards, 1911, BB, v. 21(2), 122–126.—Bast., 1865c, 111–112, pl. 10 figs. 59a–c.—Braun, 1908a, 287; 1911, 287; 1915a, 298.—Brumpt, 1910a, 428.—Büetsch., 1873a, 13, 31, 68–69.—Cast. & Chalm., 1910a, 403, 446; 1913a, 517, 566.—Chapais, 1909, 18.—Czernay, 1849, BSin, 232–256, figs. 1–18.—Dahl, 1907, v. 22 (n. F.), v. 6(13), 207.—Desmoul., 1888a, 398.—Dewitz, 1892b, 59, 139.—Dies., 1851a, 128–129; 1861a, 628 (in vini, aqua cum farina, aqua cocta, et in fæcibus cerevisiæ; Phila.).—Duisburg, 1863, 32.—Ehrenb., 1838, 82.—F., S., & T., 1916a, 379.—Fiebeger, 1912a, 225.—Fritsch, 1898a, 110–112 (vitality); 1903a, 43.—Galeb, 1878b, 369.—Geze, 1774a, 1–53.—Hain, 1688b, 234.—Hallez, 1876a, 454–469, (development).—Hemphel., 1912a, 108.—Henneberg (1899?) 1900, 1–102, figs. 1–10.—Hogg, 1863b, 213–219, pl. 10 figs. 1–7.—Kathariner, 1915, 584–585.—Koch, 1910, v. 14, 91, 92.—Lindner, 1889b, 633–638, 663–668, 694–698; 1890a, 25–29.—Man, 1910, 361, 376–382, pl. 15 figs. 18–21; 1912, v. 1, 448.—Menz., 1914, AN, 85, 86, 87.—Neum. & Mayer, 1914a, 364.—Nev.-Lem., 1908a, 505.—Oerley, 1880, 176.—Osterlag, 1899a, 486.—Pallecchi, 1893a, 332–343.—Poupin, 1898a, 67–69.—Pratt, 1916a, 217.—del Rio, 1898a, 62–69 (6, 67–69).—Rollest., 1888a, 684.—Sadebeck, 1887, 50.—Schneid., 1866a, 160.—Shipley, 1901b, 125, 154.—Simon, 1907a, 586; 1911a, 455.—Sl. & Sw., 1912a, 366.—Wüstenfeldt, 1915, v. 160, 423–428.—Zucconi, 1768, 129–134.

—, in Homo: Billings & Miller, 1902a, 903–904, pls. 1–4 (Chicago); 1902b, 752; 1902c, 999; 1902d, 833; 1902e, 1006; 1902f, 1593–1594.—R. Bl., 1916, BSpE, 533–536.—Boston, 1907, JAMA, v. 48(8), 693–694, figs. 1–5; 1907, DmW, v. 33(12), 479.—Looss, 1905c, 156.—Smith, 1908, 269.—Stiles, 1907e, 620, 624; 1914, MM, v. 2, 311, 315.—Stiles & Frankland, 1902a, 35–40, figs. 6–13; 1902b, 698; 1902c, 1147–1148; 1905a, 44–45.—Ward, 1903, 207, 209, fig. 3538; 1903, 703, 704, 706; 1916, 677–678, 680, fig. 4078.—Wuestenfeld, 1915, AgP, v. 160, 423–428.

aceti dryophila (Leuck., 1887 [nv.]) Man, 1910, ZJ, 361, 376–382, pl. 15 figs. 18–21; 1912, ZJ, 448.

agilis (Leidy, 1849) Dies., 1861a, 630 to Ang. (Streptost.).—Linst., 1878a, 312 (in Julus marginatus).

agrostidis (Bast., 1865) Warming, 1877, 95.

aquatica Oerley, 1880, 100 (misprint for aquatica).

appendiculata (Leidy, 1850) Dies., 1861a, 630–631 to (Thelast.) (in Blatta orientalis; Wien, Phila.).

aquatica Büetsch., 1873a, 69–70, pl. 11 fig. 69 (in water; F. a. M.).—Jägers., 1909, 27, fig. 36.—Linst., 1878a, 338.

arenaria Neal, 1889, Bull. 20, Div. Ent., U.S.D.A., 1–27, pls. 1–21 (in rootknot of Achyranthus, var. sp., Amarantus spinosus, A. var. sp., Arachis hypogæa, Artemisia caudata, Begonia sp., Beta vulg. var., Boussingaultia basseloides, Brassica (Sinapis), Broussonetia papyrifera, Buddleia, Capsella bursa-

ANGUILLULA—Continued.

arenaria—continued.

pastoris, Capsicum annuum, Carya¹ olivæformis, Chenopodium botrys, all of genus Citrullus, Citrus aurantium, var. sp., C. vulg., Coleus, all of genus Cucurbita, all of genus Cucumis, Dahlia variabilis, Dolichos catiang, Eupatorium feniculaceum, Ficus carica, Gardinia florida, Gossypium herbaceum et barbadense, Helianthus annuus, Hibiscus esculentus, H. syriacus et coccineus, Iberis umbellata, Jatropha manihot, Juglans cinerea, J. regia, Koniga maritima, Lagenaria vulg., Lycopersicum esculentum, Mesembryanthemum, Mikania scandens, Morus, Nolana sp., Petunia sp., Pharbitis purpurea et al. sp., Phaseolus lunatus et nanus, P. vulg., Pisum sativum, Portulaca oleracea, Prunus armeniaca, P. communis, P. dom., P. myrobalanus, P. nana et lanceolata, P. vulg., Quamoclit vulg., Raphanus sativus, Rubus villosus et trivialis, Salix, Sesuvium pentandrum, Solanum tuberosum et esculentum, Spinacia oleracea, Spirea sorbifolia, Verbesina siegesbeckia et sinuata, Vitis, Zea mais).—Ward, 1895a, 321 (so. Heterodera radicola).

ascaris Dies., 1851a, 557 (Ascaris Stein, 1847, 108 renamed) (in Byrrhus pilula, Lamia ædilis, Scarabæus stercorarius; Berl.).

attenuata (Leidy, 1849) Dies., 1861a, 630 to (Thelast.).—Linst., 1878a, 312 (in Julius marginatus).

bostrichi-typographi Dies., 1851a, 135 (based on Dufour, 1826) (in Bostrichus (Tomiscus) typographus; Ing.).—Linst., 1878a, 303 (in B. t.).

bovis Daniels, 1908, v. 3, 16 (in Indian Buffalo; Malaya).

brachyura (Hamm., 1847) Dies., 1851a, 133 (s. Oxyuris leuckarti Hamm.; O. brachyura Hamm.) (in Rhisotrogi (Melolonthæ) aprilini larva; R. solstitialis larva; Wien).—Linst., 1878a, 301-302 (in R. a.).

brassicæ Grube, 1849a, 365-367, pl. 7 figs. 18-20 (in faulem Kohl; Berl.).—Bast., 1865c, 114 (in Brassica depravata; Berl.).—Dies., 1851a, 557 (habitaculum primitivum ignotum; in Brassica depravata, Berl.).—Linst., 1878a, 338.—Oerley, 1880, 100.

brevispina [see brevispinus].—Galeb, 1878b, 349.—Moniez, 1891i, 62 (of Büetsch.).

brevispinus Claus, 1862 (possibly 1859), 354-358, 359, pl. 35 figs. 1-5 (in humus; by Claus).—Janet, 1894, 60.—Perez, 1866a, 220, 285.

calosomatis Dies., 1851a, 135 (in Calosoma sericeum; by Schiødte).—Linst., 1878a, 299 (in C. s.).—Mordw., 1908, v. 13 (1-2), 146.

capillacea Menge, 1866, SnG Danzig, 7-8; figs. 16-18 (in Bernstein).

carabi Dies., 1851a, 135 (in Carabus clathratus; by Schiødte).—Linst., 1878a, 300 (in C. c.).

coluber (Muell., 1786) Hempr. & Ehrenb., 1828, v. 1.—Bast., 1865c, 113-114.—Dies., 1851a, 131 (hab. primitivum ignotum; Dania and near Berl.).—Duj., 1845a, 245.—Nordm., 1840a, 664.—Oerley, 1880, 100.

cuspidata (Rud., 1814) Dies., 1851a, 132-133 (s. Oxyuris nasicornis) (in Oryctis (Scarabæi) nasicornis larva; Berl.).

depressa (Hamm., 1838) Dies., 1851a, 133 (s. Oxyuris dilatata) (in Cetonia marmorata larva; Wien); 1861a, 632 to (Thelast.) (in C. m.; Wien).—Leidy, 1853b, 48 (to Thelast.).—Linst., 1878a, 302 (in Cetonia marmorata).

devastatrix Kühn, 1869, [nv.].—Warming, 1877, 96.—Bos, 1886, 105; 1888, 164; 1889, 262.—Oerley, 1880a(b), 103(91) (so. Tylenchus dipsaci) (devastatrix, misprint).

dilatata (Hamm., 1847) Mordw., 1908, AMZ Petrograd, v. 13 (1-2), 146.

diplogaster (Linst., 1890e) Shipley, 1896a (1901b), 155.

dipsaci Kühn, 1857, 50-53 (in Dispacus fullonum; Poppelsdorf); 1857, 129-137, pl. 7C.—Bast., 1865c, 128 (to Tylenchus).—Bos, 1886, 105; 1888, 163, 164; 1889, 262.—Oerley, 1880, 106 (so. Ty. devastatrix).—Warming, 1877, 95.

dongolana Hempr. & Ehrenb., 1828a, Phytozoa, pl. 1 fig. 13 [nv.].—Bast., 1865c, 114 (Nili Dongolæ).—Dies., 1851a, 131-132 (hab. primitivum ignotum; inter confervas in aqua Nili Dongolæ).—Duj., 1845a, 244.—Nordm., 1840, 664.—Oerley, 1880, 100.

ecaudis Ehrenb., 1854, Microgeologie, pl. 35B, A, 3, fig. R; 1855, Apr., 226 (in moss-dirt; from Monte Rosa, Alpes).—Bast., 1865c, 115 (in terra muscorum Montis Rosæ).—Dies., 1861a, 629.—Linst., 1878a, 339.—Oerley, 1880, 101.

ANGUILLULA—Continued.

- feculorum* Dies., 1851a, 136, 556 (for *feculorum*) (*habitaculum primitivum ignotum*; in *Sclani tuberibus depravatis*).—Bast., 1865c, 114 (in *solani tuberibus depravatis*).—Oerley, 1880, 101.
- fluvialis* (Müell., 1783) Nordm., 1840, 664 (s. *Vibrio anguillula fluvialis*).
- fluvialis* Müell., 1786a, 65–66, pl. 9 figs. 5–8 (in *sedimento vegetabili*; Europe).—Aitken, 1866, 845; 1872, 151.—Bast., 1865c, 113.—Dies., 1851a, 130 (Arabia); 1861a, 628.—Duisburg, 1863, 32.—Duj., 1845a, 244.—Ehrenb., 1830a (1831a), 10, 15, 68, 76, 87, 89, 105 (48, 56, 67, 69, 85), pl. 7 fig. 5; 1838, 82 (for *Vibrio anguillula*), 83 (includes *Vibrio lacustris*).—Hempr. & Ehrenb., 1828, v. 1 *Phytozoa*, pl. 2 figs. 8, 13.—Menz., 1914, AN, 85.—Nordm., 1832a, 22; 1840a, 664.—Oerley, 1880, 100.
- fossularis* Leidy, 1851b, 226 (in stagnant ponds and rain puddles; Phila.); 1856b, 49; 1904a, 55, 92 (in ponds; near P.).—Bast., 1865c, 114–115 (aquatic; P.).—Dies., 1861a, 629 (in *fossis*; P.).—Oerley, 1880a, 101.
- glutinis* (Müell., 1783) Müell., 1786a, 64–65, pl. 9 figs. 1–4 (s. *Chaos redivivum*) (in *glutine farinosa*).—Bast., 1865c, 112 (Phila.).—Dies., 1851a, 129, 130 (*habitaculum primitivum ignotum*) (in g. f.; Europe); 1861a, 628 (P.).—Duisburg, 1863, 32.—Ehrenb., 1838, 83 (s. ? *Vibrio ministerialis*).—Oerley, 1880a, 176.—Phin, 1911, N, v. 86, 312.—Schneid., 1866a, 160.
- glutinosa* Chapais, 1909, Nat. Canad., 18 (sour paste eel).
- gracilis* (Hamm., 1838) Dies., 1851a, 133 (in *Melolonthæ fullonis* [?] larva; Wien); 1861a, 631.—Linst., 1878a, 301 (in *Polyphylla? fullo*).—Mordw., 1908, v. 13 (1–2), 146.
- graminearum* Dies., 1851a, 132 (s. *fluvialis* pars, *Vibrio graminis*, *V. anguillula*, *V. tritici*) (*habitaculum primitivum ignotum*) (in *seminibus Tritici uredine depravatis*; in sem. dep. *Agrostidis sylvaticæ*; Europe); 1861a, 628.—Huber, 1909, 1 (so. *Tylenchus scandens*).—Schneid., 1866a, 164.
- gryllotalpæ* (Duf., 1837) Dies., 1851a, 135 (Asc. sp. Gurlt) (in *Gryllotalpa* vulg.; Europe, by Duf. and Gurlt).
- heterodera* Chapais, 1909, Nat. Canad., v. 36 [2 s.], v. 16, 17–20 (dans les racines et les feuilles des *Amaryllis*, des *Geraniums*, des *Oeillets* et des *Violettes*).
- inflexa* Hempr. & Ehrenb., 1828, v. 1, *Phytozoa*, pl. 1 fig. 12 (s. *Vibrio fluvialis niloticus*) (aquatic; Nile).—Bast., 1865c, 113.—Dies., 1851a, 131 (Europe, Asia).—Duj., 1845a, 244.—Ehrenb., 1830a (1832a), 81, 89 (61, 69) (*Petropawlowsk*).—Nordm., 1840, 664.—Oerley, 1880, 100.
- intestinale* [see *intestinalis* 1877].—Grassi, 1879e, 228–233; 1883b, 119–121.—Daniels, 1914a, 75.—Grassi & Par., 1879c, 1.—Perronc., 1882a, 376, 382; 1883c, 121–123.—W., L., & R., 1908, CrSB, 396–398.
- intestinalis* Ehrenb., 1838a, 354 “*Aelchen* [von *Gleichen*, 1776] = *A. intestinalis*,” refers to a parasite in *Lumbricus*.
- intestinalis* Bavay, 1877a, 266–268 (in *Homo*; by Normand); —, v. 6, 16–20, pl. 1; v. 20, 350; 1877, v. 28, 64.—A., D., & E., 1901b, 8 (s. *stercoralis*).—Arloing, 1882, 34, 35, 36 (treatment).—Askanazy, 1900a, 569–578, 1 pl.; 1904, AN, v. 63, 19.—Barbag., 1897, GdO, Feb. 7 (case).—R. Bl., 1885, 70; 1900, 489, 490.—Braun, 1913, v. 6(4), 262–264.—Braun, 1899d, 612–615, 1 pl. (Ostpreussen); 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430.—Bruns, 1907, MmW, v. 54, 932–936; 1908, v. 41, 664.—Calmette, 1893, 217.—Casagr. & Barbag., 1897, 108.—Cassinelli, 1904, v. 11, 1123, 1235–1239, figs. 1–3 (2 cases; S. America); 1904, v. 27 (12), 433–440, figs. 1–3.—Cast. & Chalm. 1910a, 404, 929; 1913a, 519, 1301.—D’Allocco, 1894, 523, 536.—Daniels, 1897, 69; 1910a, 72; 1914a, 75.—Daniels & Stanton, 1907a, 349.—Dav., 1877, 315.—Dollfus, 1912, BSZF, v. 37(2), 24–26.—Dungl. 1893, 962.—Eichorst, 1901a, 315, fig. 53.—Fayrer, 1879b, 222.—Fiebiger, 1912a, 226.—Golgi & Monti, 1884, 733; 1885, 55.—Grassi, 1878a, 471–474 (to *Rhabdonema*); 1879b, 274–279; 1879c, 493–494; 1879d, 1–8; 1879e, 228–233; 1879f, 495–497; 1883c, 260–262.—Grassi & Feletti, 1891g, 462.—Grassi & Par., 1879b, 855–858 (in *Homo*); 1879c, 1–14, pl. 5 figs. 1–15.—Grassi, Par. C., & Par., E., 1879a, 1–14, pl. 5 figs. 1–15; 1879b, 494–495.—Grassi & Segrè, 1887, 413.—Guiart, 1910a, 422.—Handb. d. Tropenkrankh., 2 Aufl., 727.—Hempelm., 1912a, 108.—Iijima, 1889, 372.—Jackson, 1888, 686, 688 (s. *R. strongyloides*, *A. stercoralis*).—Keating, —, v. 3, 773.—Kholodk., 1899a 184.—Korczynski, 1915, MK, v. 11(29).—Kurloff, 1902a, 614–628, figs. 1–9 (bloody diarrhea); 1902b, 1017; 1903a 683; 1903b, 357; 1905, 36.—Laveran, 1877c, 116.—Leichtenstern, 1885, 502, 526 (male fern not satisfactory); 1886, 173, 175; 1892, v. 4 (6), 167–169; 1898b, 118–121; 1899c,

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- 226-231; 1899f, 266-267; 1905a 309-350, figs. 1-4.—Leuck., 1879a, 161; 1883b, 85-107; 1886d, 46, 49, 98, 126, 141; 1892b, 799.—Lindner, 1890a, 26 (so. *R. strongyloides*).—Linst., 1905, 533 (to *Strongyloides*).—Looss, 1892a, 39, 40; 1898, 484; 1905c, 189, 190 (so. *St. stercoralis*).—Lutz, 1885a, 385-390.—Mans., 1903e, 661; 1904a, 661; 1907, 466 (to *St.*).—Maragliano, 1904a, 579 (Italy).—Marzocchi, 1907, GrAM, v. 70, 3-14; 1908, Cfb, v. 41 (19-21), 662-664 (skin infection); 1908, BIP, 95; 1908, v. 70, 3-14; 1908, JTVS, v. 3, 418; 1909, 68, 72; 1909, 311-320.—Mathis, 1914, 205 (Tonkin).—Még., 1882, 175.—Milchner, 1907, Pm, v. 15(73) 581.—Milms, 1897, v. 255-256, 272.—Moniez, 1896a, 306, 308, 405, figs. 60-61 (to *St.*).—Mosler & Peiper, 1894, 252, 267-269, figs. 94-95.—Noc, 1915, 208.—Neum. & Mayer, 1914a, 78, 360.—Nev.-Lem., 1902a, 127; 1908a, 499.—Normand, 1878b, 214-224.—Pagliani & Bozzolo, 1880a, 345-346.—Pappenheim, 1899a, 608-612 [-615] (Ost-Preussen); 1900a, 101-102.—Par., 1894a, 531, 539.—Par. & Grassi, 1878e, (10), 1 pl.; 1878f, 1-7.—Perronc., 1880i, 321, 324-326; 1880l, 1373, 1374, 1375 (in *Homo*; *St. Gothard*); 1883, 379-384; 1884b, 135; 1906f, 3-5; 1907b, 219; 1907d, 3-6.—Preti, 1910, TM, v. 24, 63-64; 1910, v. 47(12), 548 (glycerine).—Rail., 1893a, 557.—Rho, 1894a, 53, 129.—Riva, 1891a, 386-407; 1892a, 40-69.—Roux, 1877a, 19.—Scheiber, 1880, 173.—Schlüeter, 1905a, 1-35; 1905b, 1305-1308.—Silvestri, 1895, v. 16, 1509; 1896, v. 59, 52-55.—Simon, 1896a, 183, 195, fig. 59; 1897a, 209, 227-228; 1907a, 312; 1911a, 239.—Skhivan & Stefanski, 1908, 374.—Sl. & Sw., 1912a, 367.—Springfeld, 1910, BkW, v. 47(26), 1224-1226.—Stubbendorff, 1893, 10.—Stursberg, 1905a, 28-29; 1905b, 1374; 1906a, 444; 1907a, 16.—Testi, 1904a, 85-89, 101-104, 117-121; 1904b, 670-671; 1904c, 770-771.—Trappe, 1907a, 84-85; 1907b, 713-716, figs. 1-5 (Schlesien); 1907c, 1001; 1907d, 568; 1907e, 914; 1907f, 161-162; 1908a, 662; 1908, 12; 1908, 713 (Schlesien).—Tyson, 1903a, 1198 (to *St.*).—Vogt, 1878, 12.—Ward, 1895a, 330 (in *H.*); 1903, 208, figs. 35, 39 (so. *St. s.*).—W., L., & R., 1908c, 752 (France); 1908, v. 65(31), 396-398.—Zinn, 1899a, 696-702, 1 pl. figs. 1-13; 1899b, 73.
- intestinalis* (of *Rana esculenta*; Italy) Alfieri, 1908, GrAM, v. 14, 265-267, 272-273; 1909, 321-323; 1909, 325-326; 1909, Cfb, v. 44(5), 141; 1910, CPA, v. 21 (14), 164.
- intestinalis bovis* de Gasperi, 1912, Pathologica, 248-253 (so. *Strongyloides longus bovis*) (in *Bos taurus*; Torino); 1912, Natura, v. 3, 111-120, figs.
- javanica* Lavergne, 1901a, 86.
- labiata* (Leidy, 1850) Dies., 1861a, 631 to (Thelast.) (in *Polydesmus virginienensis*; Phila.).—Linst., 1878a, 313 (in *P. v.*).
- laticollis* (Hamm., 1847) Dies., 1851a, 134 (in *Cetonæ sticticæ* larva; Wien); 1861a, 632 (in *C. s.*).—Linst., 1878a, 302 (in *Oxythyrea stictica*).
- leptodera* Nielly, 1882a, 395-402 (in *Homo*; Brest, France), 581-584; [1882b, 337-345, 448, 2 figs; 1882c, 450; 1882d, 406.—Linst., 1889a, 3 (in *H.*).—Moniez, 1896a, 301 (so. *Rhabditis niellyi*).—Rochard, 1882, 581-584.—Stiles, 1907b, 51 (so. *Fil. niellyi*).—Ward, 1903, 207 (so. *Leptodera niellyi*); 1895a, 330 (in *H.*).
- linea* (Oken, 1815a) Grube, 1849a 367-368, pl. 7 figs. 15-17 (in *Bodensatz des Gewässers*).—Bütsch., 1873a, 19, 20.—Dies., 1851a, 557-558 (s. ? *Gordius lacteus* Müell., ? *G. linea*) (in *fundo aquarum cum sænuride variegata*).
- longa* Leidy, 1851b, 225 (on soft mud in stagnant ditches; near Phila.); 1856b, 49; 1904a, 54, 92.—Cobb, 1914, TAMS, 38 (is a *Trilobus*).—Dies., 1861a, 629 (P.).
- longicauda* Leidy, 1851b, 225 (in gutters and water spouts; Phila.); 1856b, 49 (so. *Amblyura serpentulus*); 1904a, 55, 92.—
- longicauda* Ehrenb., 1853, (Monatschr. Berl. Akad.) [nv.]; 1855, April, 226 (*longicaudis*) (in moss-dirt; from Monte Rosa, Albes).—Bast., 1865c, 115 (Weiss-thorpass).—Dies., 1861a, 629 (in *terra muscorum*).—Oerley, 1880a(b), 101 (89) (*longicauda*).
- lucani* (Frœl., 1802) Dies., 1851a, 135 (in *Lucanus capreolus*; [Europe] by Frœl.).
- ludwigii* Man, 1910, ZJ, 362, 369, 382-385, 390, 391, 392, pl. 15 figs. 22-28, pl. 16 figs. 29-36 (in weissen Schleinfluss der Eichen; by Man).
- lumbrici* (Gmel., 1790) Dies., 1851a 134 (s. *Asc. minutissima microscopica*, *Entozoon dubium lumbrici-terrestris*, *Vibrio anguillula* & *Anguillula fluvialis*) (in *Enterion (Lumbricus) terrestris*; [Europe]).—Anacker, 1893i, 345.—Cobbold, 1879, 343.—Linst., 1878a, 317 (in *L. terrester*).—Vide *Rhabditis pellio*.

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- macrura* Dies., 1851a, 134 (s. *Oxyuris diesingi*, *O. blattæ-orientalis*) (in *Blatta orientalis*; Wien); 1861a, 630 (in *B. o.*, *B. ægyptiaca*; Wien, Phila.)—Galeb, 1878b, 288.—Leidy, 1856b, 50 (in part so. *Streptost. gracile* Leidy); 1904a, 94.—Perronc., 1890, 542-544.
- marina* (Muell., 1783) Muell., 1786a, 66-68, pl. 9 figs. 9-11 (marine; Ing.).
- melancholica* Leidy, 1877d, 197-198 (in sperm vesicles of earthworms; U. S. A.); 1904a, 143.
- minima* Chaussat, 1850a, 36 (in blood, *Rana escul.*; by Chaussat).—R. Bl., 1905a, 440 (type of *Lankesterella* Labbé, 1899) (in *R. e.*).—Braun, 1903a, 80.—Sambon, 1907, 311, 323 (to *Hæmogregarina*); 1908, 355, 375 (to *H.*).
- ministerialis* (Bory, 1824) Dies., 1851a, 136 (s. *Vibrio glutinis* Humb.) (in fungus *deliquescentibus*; by Humb. and Bory).—Bast., 1865c, 114.—Oerley, 1880, 100.
- morilis* (Hamm., 1838a) Dies., 1851a, 136 (in *Aphodius conspurcatus*; Wien).—Linst., 1878a, 301.—Mordw., 1908, v. 13(1-2), 146.
- mucronata* Grube, 1849a, 361-365, pl. 7 figs. 11-14 (in soil; by Grube).—Braun, 1895b, 214; 1903a, 254 (young form in earthworms, see *Rhabditis pellio*); 1908a, 285; 1915a, 296.—Dies., 1851a, 557 (in *terra humida cum Lumbricis servata*).—F., S., & T., 1916a, 377.—Stiles, 1914a, 316.
- oculata* Oersted, 1844, 80.—Bast., 1865c, 152 (to *Enoplus*).—Dies., 1861a, 625 (to *E.*).
- oxophila* (Schneid., 1866) Oerley, 1880a (b), 99-100, 177 (87-88, 165), pl. 4 figs. 16-19.—Lindner, 1889b, 666, 696; 1890a, 26, 27-29 (*Essigwürmer*).
- oxyuris* Claus, 1862b, 355-359, figs. 7-10 (in humus; by Claus).—Perez, 1866a, 222.
- phalaridis* (Steinbuch, 1799) Warming, 1877, 95.
- pristina* Menge, 1866, SnG Danzig, 7, figs. 11-15 (in Bernstein).
- pyri* Cobbold, 1865n, 117 (in pear).—Bast., 1865c, 124 (n. sp.).
- radicicola* Greef, 1872, Ber. Marburg. Ges. Wiss., July, 172-174 (in roots of *Dodardia orientalis*, *Poa annua*, *Triticum repens*, *Sedum* sp., etc.).—Bellati & Saccardo, 1881a, 455-468, pl. 3 figs. 1-6; 1881b, 1-14, 1 pl.—Huber, 1909, 6, 7 (in various plants).—Lavergne, 1901a, 86.—Muell., 1884a, 2.—Ward, 1895a, 321, (to *Heterodera*).
- radicola* Muell., 1884a, 2 (for *radicicola*).
- ranæ-temporariæ* Perty, 1852b, 156 (in *Rana temp.*; Switz.).—Bast., 1865c, 115 (in *R. t.*; Bern.).—Dies., 1861a, 633 (in *R. t.*; B.).
- recticauda* Hempr. & Ehrenb., 1828a (unpaged) (Berl.).—Bast., 1865c, 114 (B.).—Dies., 1851a, 131 (in aqua; B.).—Duj., 1845a, 244.—Ehrenb., 1830a (1832a), 81, 88 (61, 68) (*Ilezkaja Saschtschita*).—Nordm., 1840a, 549, 664.—Oerley, 1880a, 100.
- rediviva* (Linn., 1767) Stiles & Hass., 1905b, 35.
- rigida* (Schneid., 1866) Büetsch., 1876a, 374-376, pl. 24 figs. 6a-b (s. *Cephalobus oxyuris*); 1876, 231-236, 237.—Galeb, 1878b, 355.—Linst., 1878a, 339 (s. *C. o.*).
- rigida* (Leidy, 1850e) Dies., 1861a, 632 (in *Passalus cornutus*; Phila.) to A. (*Hystriognathus*).—Linst., 1878a, 302 (in *P. c.*).
- robusta* (Leidy, 1850) Dies., 1861a, 631 to A. (*Thelast.*) (in *Scarabæus relictus*; Phila.).—Linst., 1878a, 301 (in *Ligyris relictus*).
- saturniæ* Dies., 1851a, 136 (in larva of *Saturnia pyri*; Dugès, 1826).—Linst., 1878a, 307 (in *S. p.*; refers to Sieb., 1843, 82).
- scandens* Schneid., 1866a, 162, 163, 164-165, 196, 217, 296, 307, 314, pl. 13 fig. 11, pl. 26 fig. 9 (only species) (s. *tritici*, *graminearum*, *Rhabditis tritici*) (in *Triticum vulg.*; Europe).—Büetsch., 1873a, 5.—Huber, 1909, 1 (to *Tylenchus*).—Rollet., 1888a, 679 (so. *Ty. tritici*).—Ward, 1895a, 320 (so. *Anguillulina tritici*).
- secalis* Nitschke, 1868, VzbG Wien, v. 18 (2-4), 901 (in plants) (quotes Landw. Ztg. f. Westfalen v. Lippe, (22), 28 Mai. [nv.]).—Oerley, 1880a(b), 106(94) (so *Tylenchus devastatrix*).—Warming, 1877-1879, 96.
- silusiæ* Man, 1913, Cfb, v. 39 (1-3), 74 (in Bierfilzen; Schleusingen).

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- socialis* (Leidy, 1850) Leidy, 1856b, 49; 1904a, 92 (in *Acheta abbreviata*).—Dies., 1861a, 629 (in A. a.; Phila.).—Linst., 1878a, 293 (in A. a.).
- species Grassi & Segrè, 1887a, 106 (in *Mus sylvestris*; Rovellasca); 106 (in *M. decumanus*; Catania).
- species Linst., 1889a, 23 (in *Equus cab.*; France from Hungary, cf. Bail. in Nielly, 1882a, 405).—Ward, 1895a, 339.
- species Nielly, 1882a, 395–405, 581–584 (in *Homo*; Brest).
- [*stercoracea*] d'Allocco, 1894, 523, 536 (*Anguillula*) (s. *intestinalis*=*stercoralis*).
- stercoralis* Bavay in Normand, 1876a, 316–317 (in *Homo*; Toulon from Cochinchina).—Bavay, 1876a, 694–696 (in *Homo*; by Normand) (*Anguillule stercorales*); 1876, *GmB*, v. 1 (12), 549–551; 1877a, 266, 267, 268 (in H.); 1876, 343–346.—d'Allocco, 1894, 536.—Anders, 1903a, 1258 (in H.).—A., D., & E., 1901b, 9 (s. *intestinalis*).—Arloing, 1882, 34, 35, 36 (treatment).—Arnaud, 1894, 495.—Askanazy, 1900a, 577, 578.—R. Bl., 1900, 489.—Barbag., 1897, v. 18, 165.—Bertrand, 1915, 246, 247.—Bertrand & Fontan, 1886, 211–229, 321–378, 406–426, figs. 1–5 pls. 3–5.—Besais, 1911, TR, 279–283, 2 figs.—Braun, 1903a, 255; 1908a, 288; 1915a, 298, 300.—Brumpt, 1910a, 430.—Calmette, 1893, 217.—Cast. & Chalm., 1913a, 519, 1301.—Chapais, 1909, 18.—Chastang, 1878a, 29–39 (treatment with chlorodyne).—Chauvin, 1878a, 154–155 (*Antilles*).—Cobbold, 1879, 236.—Dav., 1877, 909, 966–976, fig. 39.—Dungl., 1893, 962.—Eichorst, 1901a, 315.—Fajardo, 1896a, 758.—Fayrer, 1879b, 222.—Fiebiger, 1912a, 226.—Gasser, 1895a, 199.—Giles in Sandwith, 1901, 690.—Golgi & Monti, 1885, 55–59.—Guiart, 1910a, 422.—Hatori, 1898a, 19–32, 1 fig.; 1898b, 23–25.—Hut. & Mar., 1913b, v. 2, 516.—Ilberg, 1892a, 334; 1892b, 906–907.—Kholodk., 1899a, 184.—Laveran, 1877b, 42–43; 1877c, 116–117.—Leuck., 1879a, 63, 180; 1883b, 85–107 (life history); 1886d, 46 (to *Rhabditis*), 48, 98.—Liebermann, 1877a, 237–238.—Lindner, 1890a, 26 (so. *Rhabdonema strongyloides*).—Linst., 1885, 11–12.—Long, 1909, 200.—de Luz, 1880a; 1880b, 462–468 (Brazil).—Mans., 1903e, 660 (to *Strongylus*); 1904a, 416, 660, 661.—Mathis, 1914, 205 (Tonkin).—Mégn., 1882, 175; 1882mm, 712–719; 1882oo, 152–160; 1882pp., 503–510.—Milchner, 1907, BkW, v. 44, 1053–1054.—Moniez, 1896a, 308, fig. 60.—Mosler & Peiper, 1894, 252, 268.—Neum. & Mayer, 1914a, 78.—Nev.-Lem., 1902a, 127; 1908a, 499.—de Oliveira, 1904, 321, 332 (*stercorales*), 333; 1905, 201.—Ozzard, 1902, 60.—Packard, 1896a, 512.—Pagliani & Bozzolo, 1880a, 345–346.—Perrin & Thiry, 1913, v. 45 (11), 423, 424.—Perronc., 1880i, 357–361; 1880l, 1373, 1374 (in H.; St.-Gothard); 1881f, 61; 1881v, 24–43, 3 figs.; 1881w, 499–519 (*Pseudo-rhabditis*), figs. 1–4, pl. 29 figs. 1–8; 1882c, 191–192; 1912, 51–71, figs. 1–4, pl. 29.—Radetski, 1886, v. 4, 190.—Rail, 1893a, 557 (so *Strongyloides intestinalis*).—Rindfleisch, 1884, 208.—Rochard, 1888, v. 19 (6), 527.—Rollest., 1888a, 686, 688.—Roux, 1877a, 1–42.—Scheiber, 1880, 172, 173.—Schlüeter, 1905a, 1–35.—Schneidem., 1896, 305 (*stercoralis*).—Seifert, 1883, v. 2, 337–341; 1883, *SpmG*, v. 1, 22–32, 33–34.—Silvestri, 1895, 33.—Simon, 1897, 228, fig. 60; 1907a, 312; 1911a, 239.—Sl. & Sw., 1912a, 367.—Stubbendorff, 1893, 10.—Teissier, 1895a, 171–172 (in blood); 1895b, 675–700, pl. 15; 1896a, 942–943; 1896b, 241–242; 1896c, 586–595; 1896, 358–363.—Tollens, 1909a, 104.—Vogt, 1878, 12.—Ward, 1895a, 323 (so. *St. intest.*); 1903, 208, fig. 3541.—Wehenkel, 1876, v. 25, 699.
- stercoralis* Schneidem., 1896a, 305 (for *stercoralis*).
- strongyloides* (Leuck., 1883) Caland., 1904, 63.
- succini* Duisburg, 1863, v. 3, 31–36, pl. 1 figs. A–B (in Bernstein).—Menge, 1866, 7.—Menz., 1914, AN, 85.
- terrestris* Büetsch., 1873a, 69, pl. 7 fig. 43 (Wurzeln eines Pilzes; by Büetsch.).—Linst., 1878a, 339 (*Teratoc.*).—Menz., 1914, AN, 56 (to *Teratoc.*).
- terricola* [?Duj., 1845] Lindner, 1889b, 636; 1890a, 27 (probably either for *Rhabditis terricola* Duj., 1845a, or for *Ang. terrestris* Büetsch., 1873a).
- tritici* (Steinbuch, 1790) Dav., 1857a, 201–271, 214, 216 (as type of *Anguillula* Ehrenb. & Dies.), pl. 1–3; 1857b, 1–80, 3 pls.; [1856d (e), 148–152 (1–5) (vitality); 1856f, 268–269;] 1862f, 1–84, 3 pls.—Bos, 1888, 51; 1889, 273, 280.—Desmonceaux, 1868a, 17.—Dewitz, 1892b, 141.—Duisburg, 1863, 32.—Fossetti, 1877, 143–144.—Galeb, 1878b, 348.—Hempelman, 1912a, 108.—Huber, 1896, 583.—Larbaletrier, 1896, v. 2, 264–266.—Looss, 1892a, 103. (*Tylenchus*).—Menz., 1914, AN, 85.—Nev.-Lem., 1908a, 419; 1912a, 654.—Noel, 1901a, 165–166.—Par., 1894a, 515.—[Roffredi, 1776a, 369–385.]—Schneid., 1866a, 162, 164.—Shipley, 1901b, 125.—Ward, 1895a, 320 (to *Anguillulina*).

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valderia Perronc., 1890, 541-542 (nelle mufte al disotto di 40° C.).

venusta (Leidy, 1856) Dies., 1861a, 632 to (Thelast.) (in *Testudo polyphemus*; Ga.).

vialis Lavergne, 1901a, 86.

viripara (Probstmayr, 1865) Rail., 1893a, 549.—Hut. & Mar., 1913a, v. 2, 516.—Jerke, 1902a, 113-127, pl. 1 figs. 1-9; 1903a, 130; 1903b, 390; 1903c, 538-539; 1903d, 729; 1903e, 453; 1903f, 453; 1904a, 519.—Kowal., 1904, 22 (7) (in *Equus cab.*; Lwów).—Nev.-Lem., 1912a, 833.—Rans., 1907, 35 (to *Probstmayria*).—Vauil., 1901, 136.—Ward, 1895a, 339 (in E. c.).

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ANGUILLULAS. See ANGUILLULA.

estercoræ de Oliveira, 1904b, 332 (for *stercoralis*).

Anguillule (French vernacular for *Anguillula*).—Chatin, 1884b, 1-56, 1 L, 2 pls. figs. 1-36 (cf. *Tylenchus putrefaciens*).—Dav., 1865d, 88-89 (in vinegar).

stercorale [see *stercoralis*].—Teissier, 1895a, 171-172; 1895b, 675-700; 1896a, 942-943; 1896b, 241-242; 1896c, 586-595 (in frog); 1908c, 752.

Anguilluliasis (refers especially to infection with *Strongyloides*).—Looss, 1905, 188; 1914, 502.—Simon, 1896a, 182; 1897a, 208, 226; 1907a, 196; 1911a, 135.

ANGUILLULIDA Silva Amado, 1873a, 151 [rank not given].

ANGUILLULIDÆ.—Aur., 1883, 5 (f., contains: *Aphelenchus*, *Tylenchus*, *Cephalobus*, *Plectus*).—Bast., 1865c, 73-184, figs. 1-248, 92 (monograph).—R. Bl., 1886n, 1178-1179; 1895, 747.—Braun, 1883a, 160, 185; 1895b, 12, 212, 213, 215; 1903a, 253; 1906a, 8, 22; 1906a, 274-275.—Carus, 1863, v. 2, 459-460 (f., contains: *Anguillula*, *Angiost.*, *Leptodera*).—Cast., & Chal., 1910a, 403; 1913a, 517.—Chatin, 1897a, 57-59.—Claus [1862b, 354-359, pl. 35 (in humus)]; 1885a, 296.—Cobbold, 1879, 5.—Daniels, 1910a, 71; 1914a, 74.—F., S., & T., 1916a, 374, 377.—Greeff, 1864c, 112-113.—Johns., 1914, 526.—Kholodk., 1899a, 183.—Laidlaw, 1910, JDA, v. 8, 87-90, 509-512, figs. 1-2 (potato, onion); 1911, 212A-212E, figs. 1-3; 1914, JDA, v. 12, 370-377, figs. 1-8.—Leidy, 1870a, 68-69.—Man., 1895, v. 9, 76-94, pls. 3-5 figs. 1-3h (orchids); 1910, ZI, v. 29, 359-394, pls. 1-3.—Nev.-Lem., 1904a, 97; 1906a, 312, 313; 1908a, 419; 1912a, 653, 833; 1913, 282-283.—Oerley, 1880a (b), 154-177 (1-165), pls. 1-7 figs. 1-34 (monograph); 1882b, 308 (subo.); 1885b, 40.—Piana & Stazzini, 1900, 525.—Rail., 1915, 494; 1915, 736; 1916, RMv, 517.—Rawitz, 1893a, 283.—Rollet., 1888a, 679, 686.—Schneidem., 1896a, 304, 305.—Shipley, 1896a (1901b), 137, 154.—Silva Amado, 1873, 151 (*Anguillulida*).—Sl. & Sw., 1912a, 312, 365, 401.—Southern, 1909, v. 4, 91.—Stiles & Frankland, 1902a, 36.—Verdun, 1907, 321.—Ward, 1903, 207; 1916, 677.

ANGUILLULIDEA Dies, 1861a, 624 (f., contains *Enoplus*, *Oncholaimus*, *Dorylaimus*, *Odontobius*, *Diplogaster*, *Dicelis*, *Anguillula*, *Angiost.*, *Leptodera*, *Isacis*, *Phacelura*, *Potamonema*, *Nema*).—Eberth, 1863a, 3 (f.).—Olss., 1869b, 482.—Schneid., 1866a, 51.

Anguilluliden (German vernacular name for *Anguillulidæ*).—Man, 1910, v. 29 (3-4), 359-394, tables a-d, pls. 14-16 figs. 1-36.

Anguillulides (French vernacular for *Anguillulidæ*).—R. Bl., 1886n, 1178-1179.—Gerv. & Ben., 1859, v. 2, 100.

ANGUILLULINA Gerv. & Ben., 1859b, 101-103 [type probably *tritic*].—Baillet, 1866b, 28.—Braun, 1895b, 215; 1906a, 276 (s. *Tylenchus*).—Cast. & Chalm., 1910a, 403; 1913a, 517.—F., S., & T., 1916a, 379.—Gedælst, 1911a, 103.—Nev.-Lem., 1908a, 420.—Stiles, 1914, MM, 271.—Stiles & Hass., 1905b, 86 (type probably *tritic*).—Verdun, 1907, 321.

devastatrix (Kühn, 1869) Nev.-Lem., 1913a, 291 (to *Tylenchus*).

dipsaci (Kühn, 1857) Gerv. & Ben., 1859b, 102-103 (free, attacks *Dipsacus*).—Baillet, 1866b, 29.—Bast., 1865c, 128 (to *Tylenchus*).—Stiles & Hass., 1905b, 86.

putrefaciens (Kühn, 1879) Braun, 1895b, 215; 1903a, 255 (s. *Trichina contorta*); 1906a, 276-277; 1908a, 287; 1915a, 298.—Brumpt, 1910a, 428.—Cast. & Chalm., 1910a, 403, 447.—Gedælst, 1911a, 103.—Nev.-Lem., 1908a, 504.—Sl. & Sw., 1912a, 366.—Stiles, 1907e, 602 (in *Homo*); 1914, MM, 294, 295.—Verdun, 1907, 382 (s. T. c.).

ANGUILLULINA—Continued.

- tritici* (Steinbuch, 1799) Gerv. & Ben., 1859b, 102.—Bail., 1866b, 28.—Bast., 1865c, 120, pl. 10 figs. 91–92 (to Tylenchus).—Stiles & Hass., 1905b, 86.—Ward, 1895a, 320–321 (s. *Anguillula scandens*).
- Anguillulinen (German vernacular name for Anguillula and Anguillulidæ).—Claus, 1862b, 354–359, pl. 35.—Greef, 1864c, 112–113.
- Anguillulose (name of infection).—Preti, 1910, v. 24, 63; 1910, MmW, v. 57 (23), 1262 (cf. *Anguillula intestinalis*) (treatment, glycerin).
- intestinale Brau, 1915, v. 13 (11), 351–352.
- Anguillulosis (Italian vernacular for Anguillulosis).—Preti, 1909, v. 20, 589.
- intestinale (as name of infection).—See under Strongyloides stercoralis.—Barbag., 1897, 7 Feb.—Giani, 1912, v. 16 (5), 168.—Giani & Impo, 1911, v. 18, 537–548.—Maragliano, 1904a, 579.—Pacinotti, 1912, v. 144 [4.s], v. 18 (4–5), 131–155, figs. 1–6, 1913, CfB, v. 57 (5), 142.—Preti, 1909, v. 20, 589 (treatment, glycerin); 1910, v. 21, 589.—Riva, 1891a, 396–407; 1892a, 40–69.—Testi, 1904a, 85–89, 101–104, 117–121.
- Anguillulosis (infection with Strongyloides).—Verdun, 1907, 322, 381–382.
- intestinale.—Testi, 1904b, 670–671.
- ANGUILULA Fossetti, 1877, v. 4, 143–144.—Lavergne, 1901a, 85–91, figs. 8–9, pl. 3 (misprint for Anguillula; S. American).
- tritici* (Steinbuch, 1790) Fossetti, 1877, v. 4, 143–144.
- ANGUINA Scopoli, 1777, 374 (“*Tritici grana abbreviata & rotundata* Linn. in not.¹ ad CHAOS”).
- ANCHYLOSTOMA Par. & Grassi, 1877b (c), 192 (misprint for Anchylostoma).—See Ancylostoma.
- duodenale (Dubini, 1843) Par. & Grassi, 1877b (c), 192.
- ANISAKINÆ Rail. & Henry, 1912, 256 (contains: Peritrachelius, Conoc., Crossoc., Pteroc.).—Rail. in Hall, 1916b, RMv, 521.
- ANISAKIS Duj., 1845a, 151 (?type “*Asc. simplex*,” misdetermined; = *A. dussumieri*), 220–221 (subg. of *Asc.*, includes *distans*, “*simplex*”).—Stiles & Hass., 1899, 103, 106, 128, 161; 1905b, 86.
- distans* (Rud., 1809) Duj., 1845a, 220 to *Asc.* (*Anisakis*).
- simplex* (Rud., 1809) Duj., 1845a, 220–221 to *Asc.* (*Anisakis*).
- ANKLYSTOMUM Lindqvist, 1895b, 56–57 (misprint for Ankylost.).—See Ancylost.
- ANKYLOSTEMUM Mans., 1901c, 547 (misprint for Ankylostomum).
- ANKYLOSTOMA Lutz, 1885c, 2295–2350, 2467–2506 (for Ancylostoma, q. v.).
- americanum* (Stiles, 1902) Siccardi, 1905d, 400–401.—Sl. & Sw., 1912a, 336 (to Necator).
- balsami* (Par. & Grassi, 1877) R. Bl., 1888a, 777 (so. *trigonoc.*) (in cat).
- boæ* R. Bl., 1886i, 295–296(2–3), pl. 1c figs. 1–3 (in *Boa constrictor*; Paris); 1888a, 770.
- braziliense* (Gomez, 1910) Gedœlst, 1911a, 123 (in cat, dog; Brazil).
- caninum* (Erc., 1859) Ward, 1895a, 342 (so. *Unc. trigonoc.*) (in *Canis fam.*).
- cernuum* (Crep., 1829) R. Bl., 1888a, 770 (in sheep, goats).
- ceylanicum* (Looss, 1911) Lane, 1913, JTMH, v. 16, 201–202.
- duodenale* (Dubini, 1843) Lutz, 1885c, 2295–2350.
- duodeno-jejuna* Leichtenstern, 1886c, 238(27) (*duodenale* renamed).—Looss, 1905b, 3.
- hominis* (Pœppel, 1897) Leichtenstern, 1898d, 980 (*duodenale* renamed).
- incertum* (Sons., 1896m) Looss, 1911a, 325.
- malayanum* (Aless., 1905) Rail. & Henry, 1909b, 170.
- pluridentatum* (Aless., 1905) Rail. & Henry, 1909b, 170.
- radiatum* (Rud., 1803) R. Bl., 1888a, 770 (in cattle).
- species* Bodkin & Cleave, 1916, BER, 182 (in dog; Brit. Guiana).
- stenocephalum* (Rail., 1884) R. Bl., 1888a, 770 (in dog).
- trigonocephalum* (Rud. of Erc., 1854) R. Bl., 1888a, 770 (in dogs, cats).

¹ Linn., 1767a, 1326: “*TRITICI GRANA abbreviata illa & rotundata, exsiccata etiam post annos, in aqua tepidiuscula intra horulam egerminant in ascaridiformem quasi vermicum; animatum vix dixero.*”

ANKYLOSTOMA—Continued.

trigonocephalum as syn. of *stenocephalum*.—Looss, 1898a, 446, 448, 483.

tubæforme (Zed., 1800) R. Bl., 1888a, 770 (=trigonoc.) (in cat).

ANKYLOSTOMEÆ Rail. & Henry, 1909b, 169 (group of Ankylostominæ, contains Ankylost., Characost., Str., Unc.).—Nev.-Lem., 1912a, 647.—Hall, 1916a, 107.—Lane, 1917, IJMR, 425, 426, 431, 433.

ANKYLOSTOMINÆ Rail. & Henry, 1909a, 86; 1909b, 168–171 (subf. of Strongylidæ, contains Oesophagostomeæ, Ankylostomeæ, Bunostomeæ, Cylicostomeæ Syngameæ), 1910, 311; 1912, 563.—Jane, 1917, IJMR, 423, 425.—Nev.-Lem., 1912a, 646.

ANKYLOSTOMUM Bugnion, 1881c, 384 (for Ancylostoma, q. v.).—Linst., 1885b, 236–239; 1889a, 1.—Stoss., 1895a, 21–25.

americanum (Stiles, 1902) Linst., 1903o, 526–527 (includes *africanus* Looss, 1911, from *Simia troglodytes*; W. Africa).

boæ (R. Bl., 1886i) Linst., 1889a, 64 (in *Boa constrictor*).

bovis Ströese, 1894a, 110–114, pl. 1 figs. 1–4 (in *Bos taurus*; by Ströese).

caninum (Erc., 1859) Linst., 1889a, 15 (in *Canis* fam.).

cernuum (Crep., 1829) Linst., 1906, CfB, v. 43(1), 93.

criniforme (Göze, 1782a) Stoss., 1899d, 125(71) (to Unc.) (in *Meles taxus*).

duodenale (Dubini, 1843) Bugnion, 1880, xxxviii–xxxix; 1881c, 382.—Linst., 1885b, 236–237; 1889a, 1.

duodenojejunalæ (Leichtenstern, 1886) Looss, 1905a, 18 (syn. of *duodenale*).

incertum (Sons., 1896) Rail., 1897a, 1137 (in horse).

longemucronatum (Mol., 1861) Linst., 1897d, 187, 184–187, figs. 1–4 (in *Sus scrofa* dom.).—Jægers., 1897b, 22 to (Doch.).

minimum Linst., 1906, Jan., 170, pl. 1 figs. 11–12 (in *Felis rubiginosa*; Kandy, Ceylon).

perniciosum Linst., 1885b, 238–239, pl. 13 fig. 10 (in *Felis tigris*; Zool. Gard., Hamburg) (syn. *Str. tubæformis* of Linst., 1879, 180–181 figs. 27–28).

radiatum (Rud., 1803, of Schneid., 1866) Schmidt, 1906a, 647 (in cattle).

stenocephalum (Rail., 1884) Linst., 1889a, 15 (in *Canis* fam.).

strongyloides Braun & Lühe, 1910a, 121 (lapsus for *Ankylostomum*, *Strongyloides*).

trigonocephalum (Rud., 1808) of canines.—Linst., 1885b, 238, figs. 8–9 (in *Canis vulpes*).—Stoss., 1889f, 181(4), pl. 5 fig. 12 (in *Canis* fam.; Medvendski brieg).

trigonocephalum (Rud., 1808) of Linst., 1889a, 14 (in *Canis azaræ*) (s. *Str. tubæf. pars* of Linst., 1885b, 238, pl. 13 figs. 8–9).

trigonocephalum from *Cynailurus jubatus*.—Looss, 1911a, 211.

tubæforme (Zed., 1800) Linst., 1885b, 237–238, pl. 13 figs. 5–7 (in *Felis catus* dom.).

ANKYLOSTOMA Claytor, 1901a, 1251 (misprint for *Ankylostoma*).

duodenalis (Dubini, 1843) Claytor, 1901a, 1251.

ANONCHUS Cobb, 1913, JWAS, 444 (tod. mt. monohystera); 1917n, 453.

monhystera Cobb, 1914, TAMS, 72(38) (for *monohystera*).

monohystera Cobb, 1913, JWAS, Oct. 4, 444, fig. (Potomac river, near Wash., D. C., Douglas Lake, Mich.).

ANOPLSTOMA Büetsch., 1874b, 272–273 (tod. *Symplocostoma vivipara*).—Linst., 1900a, in 117–132, 2 pls.—Man, 1907, 49–50.—Stiles & Hass., 1905b, 86.—Villot, 1875, 462, 466.

blanchardi Man, 1907, v. 20, 51, 54, 87 (marine; Walcheren Isl., Zealand).

gracile Linst., 1900a, 128, pl. 7 figs. 42–43 (Eissmeer, nördlich Spitzbergen).

spinosa Büetsch., 1874b, 273, pl. 5 figs. 20a–b (in sand; Kiel).—Villot, 1875, 466 (Kiel).

vivipara (Bast., 1865) Büetsch., 1874b, 273, figs. 21a–b (in sand; Kiel).

viviparum (Bast., 1865) Büetsch., 1874b, 273, *vivipara*].—Man, 1907, 233–234 (Zealand); 1907, 33, 49, 50–54, 87, pl. 1 fig. 8.—Schneid., G., 1906, 627.

- ANQUILOSTOMA Rodriguez Mendez, 1882, Clinica, Zaragoza, v. 6, 294, 302.—Alvarez, 1905, v. 13, 258-279 (Anquilostomiasis).—da Costa, 1913, v. 4, 119-180; 1914, v. 3(6), 294 (Anquilostomiase).—Ferrari, 1906, v. 11(1), 19 (Anquilostomas).—Rocha, 1912, v. 1, 38 (Anquilostomasia).—Zingoni, 1905a, 846-850; 875-878; 1905b, 165-172 (Anquilostomiasis).
- duodenal* (Dubini, 1843) Rodriguez Mendez, 1882, v. 6, 294, 302 (Zaragaza).
- ANTHOLAUMUS Cobb, 1913, JWAS, 440 (tod. mt. truncatus).
- truncatus* Cobb, 1913, 440, fig. (roots of cotton plants: S. Carolina).—Steiner 1916, ZA, 315.
- ANTHONEMA Cobb, 1906, 165, 187-189, fig. 92 (mt. revoluta).
- revoluta* Cobb, 1906, 165, 187-189, fig. 92 (free; Hilo, H. I.).
- ANTHRACONEMA zur Strassen, 1904a, 301-346 (tsd. weismanni), figs. a-j, pls. 15-16 figs. 1-9 (free); 1904b-380-382.—Stiles & Hass., 1905b, 86.
- sagax* zur Strassen, 1904a, 302-346, figs. a, d, g, j, pl. 15 figs. 1, 5 (free; Posillipo von Nap.).—Linst., 1907, AN, (for 1901), Jhg. 67, v. 2 (3), 172.—Stiles & Hass., 1905b, 86.
- weismanni* zur Strassen, 1904a, 302-346, figs. b, c, e, h, pl. 15 figs. 2-4 pl. 16, figs. 6-9 (free; Posillipo von Nap.).—Linst., 1907, AN, (for 1901), Jhg. 67, v. 2(3), 172.—Stiles & Hass., 1905b, 86.
- ANTHROCEPHALI Encycl. Americana, 1903, v. 7, Art. Entozoa (for Acanthocephali).—Stiles & Hass., 1905b, 86.
- ANTHURIS Rud., 1819a, 244 (tat. Spiropt. anthuris) [not Anthura Leach, 1813, crust.].—Poche, 1912, AN, 12, 13.—Rail & Henry, 1916, CrSB, 115.—Rans., 1911a, 103 (Acuaria renamed) (cf. Spiropt.).—Stiles & Hass., 1905b, 87.
- ANTICOMA Bast., 1865c, 141-142 (tsd. eberthi).—Cobb, 1890, PLSNSW, v. 5(4), 765-774, figs. 1-2; 1914, SE, 10, 11.—Man, 1907, 49, 50; 1907, v. 7, 26.—Stiles & Hass., 1905b, 87.—Villot, 1875, 456, 462.
- acuminata* (Eberth, 1863) Bast., 1865c, 142.—Büetsch., 1874b, 272.—Cobb, 1890, 771-773.—Stiles & Hass., 1905b, 87.—Villot, 1875, 466 (free; Med.).
- calveti* Rouville, 1905a, 788 (free; Cette).
- eberthi* Bast., 1865c, 141, pl. 11 figs. 143-145 (about roots of Corallina officinalis; tide pools, Falmouth).—Cobb, 1890, 770-771.—Southern, 1914, PRIA, v. 31, 22 (Clare Isl.).—Stiles & Hass., 1905b, 87 (genotype).—Villot, 1875, 465.
- leptura* (Mar., 1870) Cobb, 1890, 773 (France).
- limalis* Bast., 1865c, 141-142, pl. 11 figs. 146-148 (marine, surface mud; Falmouth).—Büetsch., 1874b, 271-272, figs. 19a-e (Kieler Bucht, Sylt).—Stiles & Hass., 1905b, 87.—Villot, 1875a, 462, 465 (Manche, Baltic).
- macrosoma* Villot, 1875, 466 (free; Med.).
- obtusula* Villot, 1875a, 463, 465, pl. 11 fig. 9 a-b (free; Roscoff).
- pellucida* Bast., 1865c, 142, pl. 11 figs. 149-150 (tidepools; Falmouth).—Man, 1907, 50, 51, 53, 87 (Zealand).—Southern, 1914, PRIA, v. 31, 22 (Blacksod Bay, Clew Bay, Clare & Annagh Isl., Bofin Harbor).—Stiles & Hass., 1905b, 87.—Villot, 1875, 465.
- reflexa* Linst., 1896a, 8, figs. 8-9 (free; Uschuaia).
- species* Linst., 1903u (1904a), 275(11) (free; Bering Isl.).
- subsimilis* Cobb, 1914, SE, 8, 9, 11-12, fig. 1 (Bay, Cape Royds).
- tenuicaudata* Villot, 1875a, 462-463, 465, pl. 11 fig. 8a-b (Roscoff).
- typica* Cobb, 1890, 767-770, figs. 1-2 (coast of Ceylon) [not genotype].
- ANTOPLECTUS see sub Autoplectus Criv., 1843b.—Stiles & Hass., 1905b, 87.
- ANYLOSTOMUM Ratz, 1898d, 304 (misprint for Ankylostomum).
- incertum* (Sons., 1896) Ratz, 1898d, 304 (probably not from horse).
- AORMUS Carus, 1863, 460 (possibly misprint for Aorurus) (subg. of Anguillula).
- AORURUS Leidy, 1849a, 230, 231 (type ?Streptost. agile) (g. of Nematoideæ, with 2 subg. Streptost., Thelast.); 1850e, 100; 1851d, 285; 1856b, 50; 1904a, 19-21, 36-38, 50, 66, 94.—Scudd., 1884a, 361.—Stiles & Hass., 1905b, 87.
- agile* (Leidy, 1849) Dies., 1851a, 558 to Streptostoma (Aorurus).
- [*appendiculatum* Leidy, 1850e, 101, to [Aorurus] (Thelastoma).]
- [*attenuatum* Leidy, 1849a, 231, to [Aorurus] (Thelastoma).]

- APHANOLAIMUS** Man, 1880a, 5-6 (mt. attentus).—Jägers., 1909, 5, 7.—Stiles & Hass., 1905b, 87.
- anisitsi* Daday, 1905, v. 18, 48-49, pl. 2 figs. 1-6 (Paraguay); 1905, v. 23, 324-325.
- aquaticus* Daday, 1894, Mte, v. 12, 128-130; 1897, v. 2(1), 84-86, figs. 52-54 (aquatic; Balaton); 1905, v. 23, 325.—Hofmæn. & Menz., 1915, 121.—Jägers., 1909, 7, figs. 5-6.—Micol., 1914, ZJ, 396-401, pl. 15 figs. 13a-c; 1915, ZJ, 251-252.
- attentus* Man, 1880a, 6 (free, an den Wurzeln Wiezenpflanzen; Holland).—Daday, 1905, v. 23, 325.—Hofmæn. & Menz., 1915, 120.—Stiles & Hass., 1905b, 87.
- brachyurus* Daday, 1899, Mte, v. 17, 559-560.
- communis* Cobb, M. V., 1915, 44-45 (Douglas Lake, Mich.).
- minor* Cobb, 1914, TAMS, 72, 108-111 (38, 74-77) (in mud, Potomac River).
- multipapillatus* Daday, 1905, v. 18, 50, pl. 2 figs. 7-9 (in fresh water; Paraguay); 1905, v. 23, 325.
- papillatus* Daday, 1899, Mte, v. 17, 558.
- pulcher* Schneid., 1906c, 7-9, figs. 1a-c (Gulf of Finland); 1906.
- species* Schneid., 1906e, 679-680 (Estland).
- spiriferus* Cobb, 1914, v. 33(2), 107-108 (73-74) pl. 8 fig. 25 (Potomac River, Wash., D. C.).
- spirurus* Cobb, 1914, TAMS, 38.
- tenuis* Daday, 1899, Mte, v. 17, 558-559.
- viviparus* Plotnikov, 1901a, 244-245, fig. 1 (free; Bologojese, Russia).—Schneid., 1906e, 679-680 (free, bei Reval in Estland).
- viviparus* n. sp. Cobb, M. V., 1915, 42-44 (Douglas Lake; Mich.)
- APHELENCHOIDES** Fischer, 1894, 1-11 (mt. kühnii).
- kühnii* Fischer, 1894, 1-11, pl. 1 (inside of stems of Clematis jackmani; at Fischback, Silesia).
- APHELENCHUS** Bast., 1865c, 93, 121-124 (tsd. avenæ).—Aur., 1883, 4-7.—Bos, 1891, 9, 10, 44.—Büetsch., 1873a, 45.—Cattie, 1901, 34-35.—Cobb, 1888a, 31; 1893b, 302-303 (53-54).—Hofmæn., 1913, 646.—Jägers., 1909, 6, 45.—Linst., 1876, 11.—Man, 1876a, 135-136; 1876b, 58-59; 1907, v. 7, 9, 19-20.—Nev.-Lem., 1913a, 283.—Oerley, 1880, 67, 110.—Rollest., 1870, 137.—Shipley, 1896a (1901b), 131, 155, 157.—Steiner, 1914, v. 9, in 259-275, figs. 1-29 (Switz.).—Stiles & Hass., 1905b, 87 (tsd. avenæ).
- aderholdti* Schwartz, 1912, 26 (in Maiblumenkeimen; Mecklenburg-Schwerin).
- agricola* Man, 1881a, 142.—Bos, 1891, 6.—Krüger, 1913, ZwZ, 118.
- avenæ* Bast., 1865c, 122-123, pl. 10 figs. 97-98 (in sheaths of leaves of oats; Broadmoor, Berks).—Bos, 1891, 5, 6, 13.—Büetsch., 1873a, 46-47, pl. 3 fig. 15 (on roots of plantago).—Chatin, 1884b, 11.—Nev.-Lem., 1913a, 312.—Oerley, 1880, 110, 111.—Stiles & Hass., 1905b, 87.
- coffæ* Noack, 1898a, 202-203 (137-142), figs. 1-4 (in roots of coffee plants; Brazil).—Faber, 1909, Cfb, v. 23 (6-9), 217-218, figs. 39-40 (in "Pfahlwurzel-fäule"; Brazil).
- coffæ* Zimmermann, 1898, 44-45, fig. 13 (on coffee roots).—Faber, 1909, v. 23 (6-9), 217 (on c. r.; Java), 218.
- dubius* Steiner, 1914, AHP, 268-269, figs. 12-13 (trockene Ackerbau; Switz.).
- elegans* Micol., 1913, SAW Wien, 114-115 (aquatic; Lunzer Untersee, Ostalpen); 1914, ZJ, 530-531, pl. 19 figs. 34a-b.
- erraticus* Linst., 1876a, 10-11, figs. 24-25 (in Lacerta vivipara; by Linst.).—Bos, 1891, 6 (in L. v.).—Oerley, 1880, 110.
- fatidius* Büetsch., 1874b, 256-257, figs. 5a-c (in Kuhmist; Germany).—Bos, 1891, 6.—Oerley, 1880, 110-111.
- fragariæ* Bos, 1891, ZP, v. 1, 1-11, 12, 13, 15, pl. 1 figs. 1-3 (in Blumenkohlkrankheit of strawberries; Kent, Eng.); 1907, 3, 5.—Carpenter, 1906, EPRDS, 338-339, pls. 30-31a (in strawberry; Ireland).—Marcinowski, 1908, 40.—Schwartz, 1911, 35.
- gældii* Steiner, 1914, AHP, 429, figs. 20-21 (in feuchtem Humus; Switz.); 1916, ZA, 349.
- helophilus* Man, 1880a, 68-69 (in moist soil; Holland), 1907, v. 7, 19.—Bos, 1891, 6.
- littoralis* Hofmæn. in Hofmæn. & Menz., 1915, RsZ, 182 (s. species Hofmæn., 1913, RsZ, v. 21, 646, pl. 16 figs. 22-23) (Genfersee).

APHELENCHUS—Continued.

longicaudatus Cobb, 1893b, 303 (54), pl. 42 figs. 1-4 (soil about banana plants; Fiji).

microlaimus Cobb, 1893b, 302-303 (53-54), fig. 10 (in grass; Australia).

minor Cobb, 1893b, 303(54), pl. 38 figs. 1-3 (about roots of banana plants; Fiji).—Steiner, 1916, ZA, 323, 325.

modestus Man, 1876a(b), 136-137(59-60), pl. 7 figs. 24a-c.—Bos, 1891, 6.—Oerley, 1880, 110, 112.—Silva Araujo, 1878b, 52.—Steiner, 1916, ZA, 329, 337-338, 349.

mycogenes Schwartz, 1912, 26-27 (in culture of *Cryptosporium nesii* corda).

nivalis Aur., 1883, 7-14, figs. 1-4 (in snow; Alkhomet).

olesistus Bos, 1893 [nv.]; 1901, 180-181; 1907, 5, 6.—Cattie, 1901, v. 11, 34-35 (in *Pteris ourvardi cristata*, *P. cretica* albo-lineata; Reichs-Gartenbauschule).—Hofer, 1901, ZP, v. 11, 34.—Marcinowski, 1908, 40.—Molz, 1909, CfB, v. 23, 656-671, figs. 1-2, 1 pl. figs. 1-3 (chrysanthemum).—Schwartz, 1911, MkbA, 35 (of chrysanthemum, renamed *ritzemabosi*).—Theobald, 1913, 246 (see *ritzemabosi*) (on chrysanthemum); 1913, JSSA College, 286, 288.

olesistus longicollis Schwartz, 1911, MkbA, 35 (in Veilchengalle; Greitz); 1912, 27.

ormerodis Bos, 1891, ZP, 1, 11-15, pl. 1 figs. 5-6 (in strawberries; Kent, Eng.); 1907, 3, 5.—Marcinowski, 1908, 40-43, figs. 3,4; 1908, AbA B., 407-444, figs. 1-16; 1909, 45.—Menz., 1914, AN, 89.—Schwartz, 1911, 35.

parietinus Bast., 1865c, 122-123, pl. 10 figs. 102-103 (in *Parmelia parietina*; Broadmoor, Berks).—Aur., 1883, 7, 8, 9, 10.—Bos, 1891, 5, 6.—Bütsch., 1873a, 18, 47, pl. 3 figs. 16a-b (on roots of plantago, moss, etc.; Germany).—Chatin, 1884b, 11.—Cobb, 1888a, 28, 31.—Linst., 1876a, 11.—Oerley, 1880, 110, 111, pl. 5 fig. 23a-b.—Stiles & Hass., 1905b, 87.

penardi Steiner, 1914, AHP, v. 9, 270, fig. 16 (Switz.).

pyri (Cobbold, 1865) Bast., 1865c, 123-124, figs. 103a-c (in decaying pears; by Cobbold).—Bos, 1891, 6.—Chatin, 1884b, 11.—Oerley, 1880a, 110, 112.—Stiles & Hass., 1905b, 87.

richtersi Steiner, 1914, AHP, v. 9, 269, figs. 14-15 (Switz.).

ritzemabosi Schwartz, 1911, MkbA, 35 (in *Chrysanthemum indicum*).—Theobald, 1913, 286-288 (in chrysanthemum).

rivalis Bütsch., 1873a, 46 48 (on stones; in the Main).—Bos, 1891, 6.—Jägers., 1909, 45, fig. 63.—Man, 1907, v. 7, 20.—Oerley, 1880, 110, 111.—Schuberg, 1904, Feb. 22, 631 (possibly a free Myenchus).—Schuberg & Schroeder, 1904, 519.

species Ditlevsen, 1912, 242-243 (Denmark).

striatus Steiner, 1914, AHP, 430-431, figs. 22-23 (in feuchtem Humus; bei Bellinzona, Switz.).

tenuicaudatus Man, 1895, PLBS, 77-81, fig. 1 (in *Calanthe*; by Bos).

villosus Bast., 1865c, 123, pl. 10 figs. 99-101 (in tufts of moss, Tortula; Broadmoor, Berks).—Bos, 1891, 5, 6.—Oerley, 1880, 110, 111-112.—Stiles & Hass., 1905b, 87.

APLECTA Rail & Henry, 1916, CrSB, 249, 250 (for *Cosmocerca pars*) (tod. *acuminata*) [not *Aplecta* Guen., 1837, lepidopt.]; 1916, RMv, 426 (renamed *Aplectana*).

acuminata (Schränk, 1788) Rail. & Henry, 1916, CrSB, 249.

brevicaudata (Zed., 1800) Rail. & Henry, 1916, 249, 250.

APLECTANA Rail. & Henry, 1916, RMv, 426 (*Aplecta* 1916 nec 1837, renamed, hence type *acuminata*).

APLECTUS Cobb, 1914, SE, 10, 12 (tod. *antarcticus*) [not *Aplecta* Rail., 1916; nematode; Guérin, 1837, lepidopt.].

antarcticus Cobb, 1914, 8, 9, 12-14, 1 fig. (Bay, Cape Royds).

APORORHYNCHIDÆ Shipley, 1900b, 440, (fam. contains *Aporor.*).

APORORHYNCHUS Shipley, 1899, Aug., 361 (mt. *hemignathi*) (*Arhynchus*, 1896 [not Dejean, 1834 coleopt.] renamed); 1900b, 441.—Lühe, 1905b, 341, 342.—Stiles & Hass., 1905b, 87.

hemignathi (Shipley, 1896) Shipley, 1899, 207-218, pl. 12 figs. 1-15; 1899, 361 (in *Hemignathus procerus*; Sandwich Isl.); 1900b, 434-441, pl. 14.—Lühe, 1905, 338, 341.—Marval, 1905, 356 (to *Neorhynchus*).—Stiles & Hass., 1905b, 87.—Van Cleave, 1914, 50.

Appendicitis. See also heading under *Ascaris lumbricoides*, *Oxyuris vermicularis*, and *Trichocephalasis*.

Parasitic: (DEUTSCHLAND) Milko, 1908, v. 35 (1), 31.—Saveljev, 1903a, 413-417; 1903b, 62; 1904a, 12.

(FRANCE) Bertholet, 1904, Thèse, Bordeaux; 1905, 486-487.—Desaunais de Guermarquer, 1906, Thèse, Paris, 1-86; 1906, Pm, v. 14(78), 627.

(Gr. BRIT.) Frazer, 1913, EMJ, v. 10, 437-444.

(U. S. A.) Hubbard, 1903, MSRBCH, 151-156.—Thrush, 1908b, 190.

(MISCELLANEOUS) Schiller, 1902, 197-222; 1905, 27.

Vermineous: (AUSTRALIA) Kelly, 1913, AMG, v. 33(25), 594-595.

(BELGIUM) Mayer, 1913, Pm, v. 21 (25), 247.

(CHINA) Fauquet, 1909, BSPE, v. 2, 606-610; 1910, BIP, v. 8(8), 353.

(DEUTSCHLAND) Hueck, 1913, 1-47; 1913, FZP, v. 13(3); 1913, DmW, v. 39 (45), 2214; 1913, MmW, v. 60(41), 2300-2301.—Oppe, 1903a, 859-861, 879; 1903b, 142; 1903c, 954-955; 1904a, 142-150.

(FRANCE) "B., Alb.," 1910, Rs, v. 48(16), 505-506.—R.Bl., 1906, AdP, v. 10, 405-436.—Bonnell, 1914, Pm, v. 22(22), 218.—Chameroy, 1910, AMPm, 170; 1911, Pm, v. 19(4), 33.—Engel, 1912, Gm, (131); 1912, FM, v. 30(16), 499.—Garin, 1910, GdH, (106); 1910, BkW, v. 47(47), 2166.—Guiart, 1907, AfAS, 842-856; 1911a, 281.—Hardouin, 1906, BSsm, v. 15, 167-168.—Mene-trier, 1909, Pm, v. 17(14), 125.—Ragaine, 1905a, 1-60; 1906a, 143; 1907a, 370.—Sagredo, 1914, AMeAp, v. 26(2), 203-222, fig. 1; 1914, Cfb, v. 62(21), 654.—Senechal & Engel, 1912, AdP, v. 15(2), 315-320.—Tomoin, 1905, 139.

(Gr. BRIT.) Boyd, 1912, BMJ, v. 1, 828-829.—BMJ, 1909, v. 2, 1243-1244.—Gripper, 1912, BMJ, v. 1, 1072.—Papadopoulos, 1916, L, v. 191, 521.—Shipley, 1909f, 263-279; 1909g, 354.—Still, 1902a, 125.—Wilson, 1912, BMJ, v. 1, 829-830.

(INDIA) Pickle, 1911, IMG, Dec.; 1912, NYMJ, v. 95(4), 262.

(JAPAN) Matsuoaka, 1915, JTokyoMa, v. 28(23); 1915, SiKMJ, v. 34(1), 2-3; 1915, JAMA, v. 64(21), 1799; 1915, RB, v. 5, v. 4(1), 6; 1915, TDB, v. 6(6), 311.

(RUSSIA) Metchn., 1901, v. 15(12), 185-188.—Rostovtsev, 1902a, 1241-1246, fig. 1; 1902b, 1017; 1902c, 692; 1903a, 20.—Virsaladze, 1902a, 1294-1298; 1902b, 1017.

(U. S. A.) Culhane, 1910, JAMA, v. 54(1), 48.—Hager, 1915, MR, v. 87(12), 504.—Ward, 1907, Feb. 8, 207.

Appendicopathia oxyurica.—Aschoff, 1913, MK, v. 9, 249-251 (Pseudo-appendicitis ex Oxyure); 1913, CPA, v. 24, 451.

APROCTA Dies., 1851a, 78 (subo. of Nematoda).—Goldh., 1855a, 106 (of Rhyngodea), 108 (nematode).—Mol., 1861c, 260 (so. Rhyngodea).

APROCTA Linst., 1883a, 289-290 (mt. cylindrica) [not Aprocta Dies., 1850a, 478, 481, suborder]; 1901c in 182-198; 1901e, in 271-292; 1905cc, 274 (diagnosis).—Rail. & Henry, 1910, v. 3 (3), 152-155.—Rans., 1904a, 40, 41.—Skrj., 1917, CrSB, 303-307 (Filariidae); 1917, P, 468-469.—Stiles & Hass., 1905b, 87.

aerophila (Linst., 1906) Skrj., 1917, 305, 306 (in *Phenicopterus roseus*).

anthicola (Linst., 1903u) Skrj., 1917, 305 (in *Anthus richardi*).

crassa Rail. & Henry, 1910, v. 3, 152, 153 (in *Otis tarda*; Abyssinia).—Skrj., 1917, 305, 306 (in O. t.).

cylindrica Linst., 1883a, 289-290, pl. 7 fig. 21 (in *Petroeca cyanea*); 1889a, 35; 1901, 188, 276; 1905cc, 274 (in P. c.).—Rans., 1904a, 4, 40, 49.—Skrj., 1917, 303, 305, 306 (in P. c.).—Stiles & Hass., 1905b, 87.

matronensis Rail. & Henry, 1910, v. 3, 153, 154 (in *Corvus cornix*; Alfort).—Skrj., 1917, 305, 306 (in C. c.).

microanalis Skrj., 1917, 303-306, figs. 1-3 (in *Erithacus* sp.; Prov. Semiretchen-skaja, Russian Turkestan).

narium Linst., 1901e, 276-277, fig. 2 (in *Buteo* sp.; Gouvern. Wolhynien); 1905cc, 274 (in B. sp.).—Skrj., 1917, 305, 306 (in B. sp.).

ophthalmophaga Stoss., 1902d(e), 73(13) (in *Falco* sp.; Abyssinia).—Linst., 1905cc, 274 (in F. sp.).—Rans., 1904a, 40, 46.—Skrj., 1917; 305, 306 (ophthalmophaga) (in F. sp.).

APROCTA—Continued.

orbitalis Linst., 1901c, 188, pl. 8 figs. 10–11 (in *Falco fuscoater*; Coll. Breslau); 1901, 276; 1905cc, 274 (in F. f.).—Rans., 1904a, 5, 41.—Skrj., 1917, 305, 306 (in F. f.); 1917, P, 470–471 (in F. f., *Aquila naevia*; Russia).

rotundatum (Linst., 1903) Rail. & Henry, 1910, v. 3, 155 (*rutundata*).—Skrj., 1917, 305 (in *Centropus sinensis*) (*rotundata*).

tricuspis (Fedtsch., 1874) Linst., 1905cc, 273–274 (in *Anthus*, *Alauda*, *Acridotheres*, *Corvus*, *Cisticola*, *Calornis*, *Cotyle*, *Chelidon*, *Formicivora*, *Fregilus*, *Garrulus*, *Graucalus*, *Hirundo*, *Lullula*, *Lanius*, *Nucifraga*, *Passer*, *Pica*, *Pyrrhocorax*, *Poecile*, *Sturnella*, *Sylvia*, *Xenops*).

turgida Stoss., 1902d(e), 72–73, (12–13) (in *Larus argentatus*; Cagliari).—Linst., 1905cc, 274 (in L. a.).—Skrj., 1917, 305 (in L. a.); 1917, P, 469–470, 471, pl. 19 figs. 16–19 (in L. a.).

APRONOMENIDA Mont., 1905d, 11 (ord. of *Acanthocephali*, contains *Arynchidae* (g. *Arhynchus*)).

APROSTHECOSACTERES Dies., 1861a, 719 (phalanx 2 of *Eustrongylidae*) (contains: Str., *Eustr.*).

APTEROCEPHALÆ Dies., 1851a, 143 (Div. 1 of *Gymnoascaridae*) (contains *Oxyercæ*, *Euscaridae*); 1861a, 655 (Subdiv. 1 of *Oxyercæ*) (contains *Macruræ*), 656 (Subdiv. 1 of *Euscaridae*).—Mol., 1861c, 280, 281, 284.—Oerley, 1885a, 104 (Subdiv. of *Euscaridae*).

ARACOLAIMUS de Rouville, 1903c, 11. Dec., 1529 (probably misprint for *Aræolaimus*).—Stiles & Hass., 1905b, 87.

ARÆOLAIMOIDES Man, 1893a, 86 (mt. *microphthalmus*) (subg. of *Aræolaimus*).—Stiles & Hass., 1905b, 87.

microphthalmus Man, 1893a, 86–89, pl. 5 fig. 4 to *Aræolaimus* (*Aræolaimoides*) (free; dans les vases et parmi les algues qui recouvrent les rochers de Trefusis Falmouth).—Stiles & Hass., 1905b, 87.

ARÆOLAIMUS Man, 1888a, 14–17 (tsd. *bioculatus*), 15 (*Aroeolaimus*).—Stiles & Hass., 1905b, 87.

bioculatus (Man, 1877) Man, 1888a, 15, 16 (Gulf of Nap.).—Stiles & Hass., 1905b, 87.

dolichoposthius Savelev, 1912, 123–124 (Catharinahafen, Mogilnojesev).

elegans Man, 1888a, 16, 17, pl. 1 fig. 9 (North Sea); 1907, 87 (Zealand).—Stiles & Hass., 1905b, 87.

mediterranea Man, 1877; 1888a, 15 (Nap.).

microphthalmus Man, 1893a, 86–89, pl. 5 fig. 4 to (*Aræolaimoides*) (Falmouth).—Stiles & Hass., 1905b, 87.

ARCHIOSTOMA Pieri, 1907c, 12 (misprint for *Anchilostoma*).

ARCHIONCHUS Cobb, 1913, JWAS, v. 3, 438 (mt. *perplexans*).

perplexans Cobb, 1913, v. 3, 438, fig. (roots of pasture plants, Arlington; and citrus roots, Valencia, Spain).

ARDUENA Mote, 1914, 28 (for *Arduenna*).

strongylina (Rud., 1819) Mote, 1914, 28, 29 (in swine).

ARDUENNA Rail. & Henry, 1911, BSPe, v. 4, 695–696 (tod. *Spiropt. strongylina* Rud., 1819).—Hall, 1916a, 218, 219.—Seur., 1914, CrSB, v. 77(25), 347; 1914, CrAS, 1018; 1916, 312, 322, 330, 339, 340.

dentata (Linst., 1904) Rail. & Henry, 1911, v. 4, 696 (in porc; Annam).—Brau & Bruyant, 1913, 43 (in porc; Saigon).

strongylina (Rud., 1819) Rail. & Henry, 1911, 696 (in porc; Annam).—Brau & Bruyant, 1913, 43 (in porc; Saigon).—Craig, 1915, 501 (treatment).—Hall, 1916a, 220.—Rail., 1915, 493; 1915, 735.—Seur., 1916, 328–329, 342 (in *Aphodius castaneus*, porc).

ARDUENNINÆ Rail. & Henry, 1911, BSPe, v. 4 (10), 698 (contains *Arduenna*, *Physoc.*, *Simondsia*).—Hall, 1916a, 190, 218; 1916b, 520.—Rail., 1915, 493; 1915, 735.

ARHYNCHIDÆ Shipley, 1896a (1901b), 185; 1896c, 216 (fam. of *Acanthocephala*, contains *Arhynchus*).—Mont., 1905d, 11 (f. of *Apronomenida*, contains *Arhynchus*).

- ARHYNCHUS** Shipley, 1896c, 207-218 (mt. hemignathi), Arhynchidae [not Arhynchus Dejean, 1834, coleopt.; Arrhynchus Philippi, 1871, insect]; 1899, 361 (renamed Apororhynchus).—Lühe, 1905b, 342 (so. Aporor.).—Marotel, 1899, 228, 301.—Mont., 1905d, 11 (g. of Arynchidae).—Stiles & Hass., 1905b, 88.
- hemignathi* Shipley, 1896c, 207-218, pl. 12 figs. 1-15 (in Hemignathus procerus; Kauai, Sandwich Isl.); 1896a (1901a), 181, 182, 185; 1897a, 307; 1897c, 527; 1899a, 361.—Marvel, 1905, 356, 357, 358, 359 (to Neorhynchus).—Mont., 1905, 10.—Stiles & Hass., 1905b, 88, 181, 182, 185; 1897a, 307; 1897c, 527; 1899a, 361.
- ARHYTHMORHYNCHUS** Lühe, 1911a, 10, 47-48 (mt. frassoni); 1912, ZJ, v. 1, 285, 286, 287, 290, 291, 292, 293.—Bieler, 1914, ZA, v. 43(9), in 405-416, figs. 1-4.—Van Cleave, 1916, JP, v. 2(4), 167-174, figs. 1-14, pls. 1-2.
- brevis* Van Cleave, 1916, 169-172, 173, pl. 1 figs. 1-3, 6-7, pl. 2 figs. 8-11 (in Botaurus lentiginosus; Baltimore, Md.).
- evaginabilis* Lühe, 1912, ZJ, v. 1, 276 (apparently lapsus for invaginabilis).
- frassoni* (frassonii Mol., 1858d) Lühe, 1911a, 48-50, figs. 64-67 (in Numenius arcuatus, Mergus serrator); 1912, ZJ, v. 1, 285, 287, 288, 289, 290, 291, 292, pl. 13 figs. 10-11.—Bieler, 1914, ZA, 411-414, figs. 3-4 (in N. a.; Trieste).—Van Cleave, 1916, 167, 169, 172, 174.
- invaginabilis* (Linst., 1902) Lühe, 1912, ZJ, v. 1, 282, 287, 288, 289, 290, 291, 293, 305, figs. b-d, f, pl. 13 figs. 8-9.—Van Cleave, 1916, 167, 173.
- pumilirostris* Van Cleave, 1916, JP, 169, 172, 173, pl. 1 figs. 4, 5, pl. 2 figs. 12-14 (in Botaurus lentiginosus; Wash., D. C.).
- trichocephalus* (Leuck., 1876a) Lühe, 1912, ZJ, v. 1, 290.—Van Cleave, 1916, 172, 173.
- uncinatus* (Kaiser, 1893a) Lühe, 1912, ZJ, v. 1, 287, 289, 290.—Van Cleave, 1916, 173.
- ARÆOLAIMUS** Man, 1888a, 15 (for Aræolaimus).—Stiles & Hass., 1905b, 88.
- ARTHORRHYNCHUS** Kolenati, 1857e, 67-68 (g. of Acanthocephalen) [with intestinal canal] (contains westrumbii and diesingii, apparently includes Mermis nycteribiae, 69 Artrorhynchus).—Dies., 1859e, 752.—Speiser, 1900b, 29 (later determined as an Ascomycete); 1901a, 19, 20 (later determined as fungus).
- diesingi* Speiser, 1900b, 29 (for diesingii) (on Nycteribien; by Kol.) (apparently on Penicillidia conspicua; from Serbia); 1901a, 19.
- diesingii* Kol., 1857e, 68 (on Acrocholidia montaguei (vexata) in Mähren im Balge des Myotus murinus; by Kol.).—Dies., 1859e, 752, pl. 1 fig. 4 (on Acrocholidia montaguei in skin of Myotus murinus; Moravia).
- westrumbi* Speiser, 1900b, 29; 1901a, 19 (for westrumbii) (s. Mermis nycteribiae) (on Nycteribien; by Kol.) (apparently on Penicillidia conspicua; from Serbia).
- westrumbii* Kol., 1857e, 68 (on Megistopoda westwoodii im Banat, Serbien, Dalmatien, im Balge des Rhinolophus euryale; by Kol.).—Dies., 1859e, 752, pl. 1 figs. 1-3 (s. Mermis nycteribiae) (in Megistopoda westwoodii in skin of Rhinolophus euryale; Serbia; Dalmatia).
- ARTHORRHYNGOIDEA** Dies., 1859e, 751-752 (s. Acanthocephala enterocolata, tribe 1 of subo. Rhyngodea protucha, contains Arthrorhynchus).—Speiser, 1901, 20.
- ARYNCHIDAE** Mont., 1905d, 11 (contains Arhynchus).
- ASCARES** Encycl. Americana, v. 7, not paged, under Entozoa (so. pinworm); v. 2 (gives Ascaris).
- ASCARIDA** Müell., 1880, 194 (apparently misprint for Ascaridia or for Ascaris).
- labiata* (Rud., 1809) Müell., 1880, 194 (in eel).
- Ascariasis, Ascariidosis, Ascariidenseuche, Ascaris infection, etc. See also Ascaris, A. lumbricoides, A. megalocephala, etc.
- (BASEL) Zsch., 1900a, 254-256 (bei jungen Hunden).
- (BERL.) Dewitz, 1891a, 812-814; 1892a, 441-445 (hygiene).
- (CALCUTTA) IMG., 1910, v. 45, 287-290.
- (DEUTSCHLAND) Fisch., 1908, WTV, v. 52 (26), 489 (in a calf).—Reinach, 1913, MmW, v. 60 (48), 2704.—Schloessmann, 1914, BkC, v. 90, 531-548, pl. 1; 1914, MmW, v. 61 (22), 1237; 1914, DmW, v. 40 (27), 1393; 1914, JAMA, v. 63 (3), 282.—Thum, 1915, ZfT, v. 18, 503; 1916, Cornell Vet., v. 5 (4), 205-209 (in horses and swine).

Ascariasis—Continued.

- (GR. BRIT.) Cast. & Chalm., 1910a, 940.
 (HOLLAND) Pereboom, 1791a, 1-23.
 (LILLE, FRANCE) Verdun, 1907a, 332, 326-342.
 (OXFORD, ENG.) Osler, 1912, PM, 8 ed., 294-296.
 (PARIS) Guiart, 1899b, 1, 2.
 (SAIPAN) Mayer, 1912, AST, v. 16 (20), 704-705.
 (TIEL) D'Ardenne, 1880, GC, v. 34 (2), 2.
 (TORINO) Perronc., 1895b, 155-156.
 (TUKDAH, INDIA) MacGregor, 1914, IMG, v. 49 (5), 187-188.
 (WEST CENTRAL AFRICA) Wellman, 1904a, in 52-56.
 (WÜRZBURG) Seifert, 1908a, 516, 562, 567.
 (MISCELLANEOUS) Codronchius, 1603a, in 1-62.—F., S., & T., 1916a, 692.—
 Musser, 1913a, 530.
 Accidents (FRANCE) Arthus & Chanson, 1896, Méd. mod., v. 7 (5), 38; 1896, CfB, v. 20 (6-7), 264.—Chanson, 1896a, 38-40; 1896b, 193; 1896c, 225-226; 1896d, 411; 1898a, 282-283; 1898b, 913-914.
 (ITALY) Cartolari, 1911, F, v. 7, 91, 107, 128, 168, 189, 212.
 Cases: (INDIA) Stewart, 1911, IMG, v. 46, 16; 1911, CfB, v. 50 (6), 182.
 (MEININGEN) Marschall, 1831a, 165-167.
 (SEVILLE) Alvarez Millán, 1889, RmS (14), 449-456.
 Cases, fatal: (BERL.) Traeger, 1901a, 73-74.
 (DEUTSCHLAND) Boehm, 1908, AST, v. 12, 640.—Weiskopf, 1880a, 229-231; 1880b, 240.
 (EWELL, SURREY) Rendall, 1892a, 1303.
 (ITALY) Enernao, 1914, Pol., v. 21, 163; 1914, TDB, v. 3 (6), 288; 1914, AST, v. 18 (19), 676.
 (LEIPZIG) Jungels, 1911, AST, v. 15 (16), 542-543.
 (LOND.) Rake, 1892a, 1247.
 (PARIS) Lamoureux, 1912, BSFe, v. 5, 842-843.
 Ascariasis, with symptoms resembling—
 Appendicitis: (INDIA) Dass, 1911, IMG, v. 46, 445.
 (ITALY) Borini, 1914, AdP, v. 16, 428-431; 1914, CfB, v. 62 (9), 368.
 Dysentery: (DEUTSCHLAND) Schreiber, 1911, AST, v. 15 (4), 127-128; 1911, CfB, v. 50 (6), 181-182.—Stolowsky, 1910, AST (4); 1910, CfB, v. 47 (25), 791.
 Meningitis: (FLORENCE) Santarnecchi de Francany, 1915, RCp, v. 13, 97-109.
 Treatment: (DEUTSCHLAND) Meyer, 1783a, 4, 22, 27, 28.
 (FRANCE) Comptéat, 1859a, 400.—Hervieux, 1859a, 216-225; 1860a, 149-150; 1860b, 157.
 (GR. BRIT.) Bird, 1859a, 465-466; 1859b, 310.
 (HOLLAND) Jakob, 1914, TvV, v. 39 (23); 1914, TR, v. 20 (29), 400.
 (LONDON) d'Etamps, 1859a, 576.
 (PARIS) Bergin, 1881a, 1-61.—Comby, 1902a, 77; 1902b, 550. Rail., 1912, BM, April 17; 1912, NYMJ, v. 96 (9), 437.
 (U. S. A.) Pollard, 1902a, 185-186; 1903a, 190; 1903b, 573.
 —, assafoetida and aloes: (U. S. A.) Smith, 1859a, 287-288; 1859b, 277; 1860a, 152.
 —, carbon disulphide: (HUNGARY) Groag, 1910, Al, (15); 1911, BtW, v. 27 (16), 292.—Taar, 1907a, 65-66; 1907b, 406; 1907c, 427-428; 1907d, 204.
 —, chloreform: (ITALY) Barnabo, 1909, Pol., v. 16, 880-882; 1909, JAMA, v. 53 (10), 826; 1909, DmW, v. 35 (52), 2330.
 —, nitrate of silver: (LOND.) Schultz, 1859a, 700.
 —, oleum chenopodii anthelmintici: (BERL.) Prædorski, 1913, BkW, v. 50, 1987.
 (BONN) Schmitz, 1908a, 1-38; 1909a, 157.
 (MÜNCHEN) Gockel, 1910, MmW, v. 57 (31), 1643-1644.
 —, poisons: (LEIPZIG) Schröder, 1885a, 290-300 (effects on Ascaris); 1886a, 76-78; 1887a, 48-50.
 —, salipyrin poisoning: (BERL.) Haase, 1904a, 70 (Vergiftung).
 —, santonin: (FRANCE) Moniez, 1879g, 305-309.
 (IRELAND) Brisbane, 1860a, 482.—Williams, 1860b, 460.
 (MISCELLANEOUS) Kleiner, 1843a, 1-24.
 —, spigelia anthelmintica marylandica: (PARIS) Koreff, 1848a, 139-141.
 —, sulphuric ether: (GR. BRIT.) Ward, T., 1860a, 776; 1860b, 279.
 —, suppositoires et lavements: (ROULERS) Troussseau, 1857a, 636-637.

Ascarides—Continued.

lombroides (Bosc, 1802) Anciaux, 1855a, 382–385, 397–398, 405–408; 1855b, 1084 (for *Asc. lumbricoides*).

lumbricoide.—See *Asc. lumbricoides*.

lumbricoides.—See *Asc. lumbricoides*.

marinas (?Linn., 1767a) (Müll., ?, v. 1, 212) Fabr., 1794, 36.

Ascaridi (Italian for *Ascaris* and *Ascaridae*).—Aymaretto, 1905, 195–197.—Bussano, 1911, v. 34 (8), 337–351.—Consoli, 1701a.—Donzella, 1909, v. 20, 58–60.—Guerrini, 1910, v. 64, 549–580, 1 pl.—Perronc., 1882a, 296.—Rizza Casa, 1908, Gml, v. 67, 161–164.—dalla Valle, 1915, v. 36, 468–470.

lumbricoidi De-Pietra Leone, 1899a, 291–292.—See *Asc. lumbricoides*.

ASCARIDIA Raf., 1815a, 151 (f., of *Helminthia*, contains: subf., *Scolexia* with genera, *Scolex* Müell., *Tentacularia* Bosc, *Asc.*, *Spherurus* Raf. sp. do., *Tetrágula* Bosc, *Hexostoma* R.=*Polystoma* Roche, *Crinopsis* Raf., and subf. *Filaridia* with genera: *Fil.*, *Capsularia*, *Cap.*, *Mastigodes* Zed., *Echiramphus* R.=*Echynorinchus* Müell., *Str.*, *Cucullanus* Müell., *Trichoc.* Brug., *Proboscideus* Bosc, *Crinola* Raf.=*Crino* Lam., *Fus.*, *Ophiost.*, *Hærucula* Raf.=*Hæruca* L., *Amphistoma* Zed., *Distomopsis* Raf.=*Distoma* Zed., *Monostomeus* Zed., *Festucaria* Schr., *Planaria* Goeze, *Unc.*

ASCARIDIA Duj., 1845a, 151, 214–220 (tsd. *truncata*) (subg. of *Asc.*).—Lane, 1914, Oct., 655 (g. of *Het.*), 662 (diag.): 1916, IJMR, 100; 1917, IJMR, 756–758.—Rail., 1915, RMv, 491.—Rail. & Henry, 1911, 573: 1912, 257 (type *truncata*). 1914, ICZ, 677–678.—Skrj., 1916, 493–494; 1916, VOv, 432–435.—Stiles & Hass., 1899, 106; 1905b, 88 (?type *Asc. truncata*).—Trav., 1913, MIOC, v. 5, 288–289 (type *truncata*); 1914, v. 6 (2), 138 (g. of *Heterakidæ*).

ægyptiaca (Linst., 1902) Rail. & Henry, 1914, 678 (in *Ardea garzetta*).

amblimoria Trav., 1913, 290, 291, 294, pl. 29 fig. 20 (in *Caprimulgus campestris*; Brazil) (for *amblymoria*).

amblymoria (Drasche, 1883) Rail. & Henry, 1914, 678 (in *Caprimulgus campestris*).—Lane, 1917, 757.

arquata (Schneid., 1866) Rail. & Henry, 1914, 677 (in *Crypturus cupreus*).

australis (Linst., 1898) Rail. & Henry, 1914, 678 (in *Macropygia nigrirostris*).

borealis (Linst., 1884) Rail. & Henry, 1914, 678 (in *Lagopus mutus*).—Lane, 1917, 757.

brasiliانا (Linst., 1889) Trav., 1913, 290, 291, 295–296, pl. 28 fig. 17 (in *Rhynchotus rufescens*; Brazil).

brasiliensis (Magal., 1892) Rail. & Henry, 1912, 257; 1914, 677 (in *Gallus dom.*; Brazil).—Lane, 1917, 757.—Trav., 1913, 290, 291, 294–295 (in *G. gallinaceus*; B.).

brevicauda (Ratz, 1897) Rail. & Henry, 1914, 678 (in *Lucioperca sandra*).—Lane, 1917, 757.

brevicaudata Trav., 1913, 290 (in *Lucioperca sandra*) (for *brevicauda* Ratz, 1897).

calcarata (Gendre, 1909) Rail. & Henry, 1914, 678 (in *Mabuia perroti*, *Numida meleagris*; Guinée française, Dahomy).

catheturina (Johnst., 1912) Rail. & Henry, 1914, 678 (in *Talegallus* (*Catheturus*) *lathamii*).

circularis (Linst., 1903) Rail. & Henry, 1914, 678 (in *Centropus sinensis*).—Lane, 1917, 757.

columbæ (Gmel., 1790) Trav., 1913, 289, 291–292, pl. 28 fig. 16 (in *Columba livia* *dom.*; Brazil).

compar (Schränk, 1790) Duj., 1845a, 218 to *Ascaris* (*Ascaridia*).—Lane, 1917, 757.—Rail. & Henry, 1914, 678 (in *Tetraonidæ*).—Skrj., 1916, VOv, 435.—Stiles & Hass., 1905b, 88.—Trav., 1913, 289.

compressa (Schneid., 1866) Rail. & Henry, 1912, 257; 1914, 677 (in *Gallus dom.*; Adelaide).—Lane, 1917, 757.—Trav., 1913, 290.

cordata (Linst., 1906) Rail. & Henry, 1914, 678 (in *Callipepla squamata*).

cristata (Linst., 1901) Rail. & Henry, 1914, 678 (in *Balearica regulosum*).

cylindrica (Blome, 1909) Rail. & Henry, 1914, 678 (in *Tetrao urogallus*).—Skrj., 1916, VOv, v. 28, 432–435, 1 fig.

dolichocerca (Stoss., 1902) Rail. & Henry, 1914, 678 (in *Circus spilothorax*).

ASCARIDIA—Continued.

- flexuosa* (Schneid., 1866a) Rail. & Henry, 1914, 678 (in *Crotalus* sp.) (fluxuosa misprint).
- francolina* (Linst., 1899) Rail. & Henry, 1914, 687 (in *Francolinus bicalcaratus*).
- gibbosa* (Rud., 1809) Duj., 1845a, 217–218 to *Ascaris* (Ascaridia).
- granulosa* (Linst., 1906) Rail. & Henry, 1912, 257; 1914, 677 (in *Gallus* dom.; Colombo).—Lane, 1917, 757.
- hamia* Lane, 1914, Oct., 662–664, pl. 76 figs. 15–16, pl. 77 fig 17 (in small intest. dom. fowl; Berhampore, Bengal).
- hermaphrodita* (Frøel., 1789) Skrj., 1916, VOv, 434; 1917, P, 465–467, pl. 18 fig. 8 (in *Psittacus* sp.; Russia).
- inflexa* (Zed., 1800 of Rud., 1819) Duj., 1845a, 216–217, to *Ascaris* (Ascaridia) (not *Fus. inflexa* Zed.) (s. *Asc. teres galli* major, *Fus. reflexa*, *Asc. vesicularis*, *A. funiculus*, *A. inflexa*) (in *Phasianus gallus*, *Tetrao urogallus*).—Baird, 1853a, 26–27 (s. *Asc. t. g.*, *Fus. ref.*, *A. ves.*, *A. inf.*, *A. fun.*) (in *Ph. g.*, *Tet. ur.*).—Lane, 1917, 757.—Rail. & Henry, 1914, 678 to (Ascaridia) (in *Anas boschas fera*, *A. b. dom.*, *A. acuta*, *Cairina moschata*).
- lineata* (Schneid., 1866) Rail. & Henry, 1912, 257; 1914, 677, 678 (in *Anas boschas* dom., *Gallus* sp.; Brazil, Turkestan).—Lane, 1917, 757.—Trav., 1913, 289, 291, 293–294, pl. 29 fig. 19 (in *A. b. d.*, *G. dom.*; Brazil).
- longecirrata* (Linst., 1879) Trav., 1913, 290.
- longecirrata* Rail. & Henry, 1914, 678 (for *longecirrata*, 1879) (in *Geopelia* sp.).
- maculosa* (Rud., 1802) Duj., 1845a, 219–220 to *Asc.* (Ascaridia).—Rail. & Henry, 1912, 257; 1914, 678 (in *Columba*, *Stictenas*, *Vinago*).—Lane, 1917, 757.—Skrj., 1916, 496–499 (in pigeon; Aoulie-ata).
- magalhãesi* Trav., 1913, 290, 291, 296–297, pl. 29 fig. 21 (in *Geotrygon montana*; Brazil).
- magnipapilla* (Linst., 1906) Rail. & Henry, 1914, 678 (in *Lyrurus tetrix*).—Lane, 1917, 757.
- numida* (Leiper, 1908, Trav., 1913, 290.—Rail. & Henry, 1914, 678 (in *Numida ptylorhyncha*; Nil blanc).
- orthocerca* (Stoess., 1902) Rail. & Henry, 1911, 573–574, fig. 1 (in *Rhea americana*); 1914, 677 (in *R. a.*).
- perspicilla* (Rud., 1803) Trav., 1913, 274, 289.
- perspicillum* (Rud., 1803) Duj., 1845a, 218 to *Asc.* (Ascaridia).—Lane, 1917, 757.—Rail. & Henry, 1912, 257; 1914, 677 (in *Gallus* dom., *Meleagris gallopavo*, *Numida meleagris*, *Tetrao urogallus?*).—Skrj., 1916, VOv, 435; 1916, 494–496 (in poule).
- pterophora* (Crep., 1854) Rail. & Henry, 1914, 678 (in *Cariama cristata*).
- serrata* (Schneid., 1866) Rail. & Henry, 1914, 678 (in *Penelope humeralis*).
- stroma* (Linst., 1899) Rail. & Henry, 1914, 678 (in *Grus* (*Tetrapterix*) *paradisea*).
- styphlocerca* (Stoess., 1904) Rail. & Henry, 1914, 677 (in “volatile domestique”; Gambia).
- trilabium* (Linst., 1904) Rail. & Henry, 1914, 678 (in *Centropus sinensis*).—Lane, 1917, 757.
- truncata* (Zed., 1803) Duj., 1845a, 214–215 to *Ascaris* (Ascaridia).—Lane, 1917, 758, 760–763, 764.—Rail. & Henry, 1912, 257.—Trav., 1913, 289, 291, 292–293, pl. 29 fig. 18 (in *Ara arauana*, *A. macao*, *A. chloroptera*, *Amazona vinacea*, *A. farinosa*, *A. aestiva*, *A. festiva*, *Conurus hæmarrhous*, *C. solstitialis*, *C. leucophthalmus*, *C. æruginosus*, *Phyrhura leucotis*, *Pionus fuscus*, *P. menstruus*, *Psittacus dominicensis*, *P. phœnicurus*, *P. sulfureus*; Brazil). *
- ASCARIDIDÆ R. Bl., (1895) 1896b, 744.—Nev.-Lem., 1904a, 97; 1906a, 258, 259; 1912, 641.
- Ascaridiasis of liver and pancreas.—Vierordt, 1904a (d), 458.
- Ascaridiosis (infection with *Ascaris*).—Guiart, 1900f, 72.—Brumpt, 1910a, 335. hepaticque Dévé, 1913, 245–248.
- Ascaridiosis.—Paz Soldan, 1911, v. 38, 7–11; v. 94 (27), 1336.
- Ascaridiosis.—Verdun, 1907, 322, 326–342. hepatis Saar, 1914, 189–192, 7 pl.—Saltykow, 1900, 339–350.
- ASCARINÆ Trav., 1913, 272 (subf. of *Ascaridæ*).—F., S., & T., 1916a, 461.—Hall, 1916a, 39, 40, 42; 1916b, 521.

- ASCARIS Linn., 1758a, 644, 648 (tsd. lumbricoides) [not Ascuris Simon, 1897, *Arach.*]; 1746a, 364. [See also Ascariasis, etc.]
- (ASSAM) Campbell, 1892a, 78-80.
- (AUSTRALIA) Krefft, 1871a, 210.
- (BERL.) Dewitz, 1899a, 91-92.—Ostertag, 1899a, 419.
- (BONN) Mayer, 1841a, 16.
- (BRIT. GUIANA) Daniels, 1910a, 71, 155.—Daniels & Stanton, 1907a, 350.
- (BUDAPEST) Mlinarich, 1832a, 13.—Oerley, 1885a, 103.
- (CAEN, FRANCE) Deslgch., 1824e, 83-112.—Vaull., 1901, 132.
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- (CAMBRIDGE, ENG.) Shipley, 1901b, 139, 163.—Shipley & Hornell, 1904, (2), in 77-106, pls. 1-4.
- (CATANIA) Addario, 1885, 144.
- (CRACOW) Kostanecki & Siedlecki, 1896a, 181-273, pls. 1-2; 1897a, 475-476; 1897b, 21-22; 1897c, 225-228.
- (DENMARK) Müell., 1774a, 34.
- (DEUTSCHLAND) Albers, 1842, 124.—Boveri, 1904, SpmG, 16-20 (Protoplasm).—Burm., 1837, 535; 1856a, 279.—Carus, 1863, 461.—Eichw., 1829a, 251.—Fröel., 1789a, 133-135.—Goldb., 1855a, 107, 110.—Gurlt, 1831a, 364.—Herbst, 1787a, 13, 21, 25.—Kautsch, 1913, v. 35, 642-691, pls. 1-2.—Kemnitz, 1912, AA, v. 42, 29-30.—Mayer, 1903, 497, 498, 506, 511, 514, 519, 524, 529, 531, 532, 533, 534, 535, 536, 537, 538, 539.—Mehl., 1831a, 91.—Moroff, 1908, 165, 170, 174.—Most, 1836a, 196.—Neum. & Mayer, 1914a, 448.—Nitzsch, 1821a, 44-49, pls. 1-2.—Nordm., 1832a, 5; 1840a, 547, 653-656.—Oehme, 1852a, 1-18.—Olfers, 1816a, 23, 61-62.—Pall., (1760) 1768a, 257.—Rauh, 1779a, 11.—Rud., 1793a, 9; 1801, 48, 54; 1802, 10; 1809a, 4, 16-17, 33-35, 124-204; 1819a, 37-60, 266-304, 585; 1829a, 481-484.—Rzewuski, 1887a, 13.—Schlossmann, 1914, 531-548.—Schrank, 1803a, 185.—Sommer, 1880b, 536-541, figs. 44-49; 1885a, 40-45, figs. 1-6.
- (DRESDEN) Kuech., 1855a, 235, 238.
- (DÜSSELDORF) Anacker, 1886, v. 3, 240; 1887b, 350; 1888c, 485; 1893i, 344.
- (EDINB.) Howison, 1823a, 250-252.
- (FRANCE) Acloque, 1914, Cosmos, v. 70, 653-655, figs. 1-3.—Assénova, 1899, 73-76.—Bail., 1866b, 29-33.—Blainv., 1828, 540-542.—R. Bl., 1888a, 661; 1895, 745.—Bosc, 1802a, 27-36.—Bourgeois d'Etamps, 1859, AMM, v. 12 (6), 469.—Brumpt, 1913a, 397.—Cuv., 1817a, 32-33.—Dastre & Stassano, 1903a, 254-256; 1903b, 220-221.—Dav., 1877a, xcvi.—Duj., 1845a, 148-154.—Frayssé, 1895a, 11.—Guiart, 1911a, 245.—Hahn, 1887a, 58-60, fig. 1-3.—Hémont, 1827a, 8.—Lænnec, 1812d, 339-352.—Lam., 1801a, 338; 1816a, b, c, 206-207.—Lamoureux, 1822b, 5-7.—Lams, 1909, AZeg, v. 41 (1), i-ix, fig. 1.—Livois, 1851a, 78-86.—Marval, 1905a, 254 (of Frisch so. Echinor.).—Moniez, 1896a, 298, 301.—Oefe, 1902a, 469.—Pérez, 1866a, 188, 239.—Repiquet & Salvatori, 1906a, 220.—Rousseau, 1833-34a, 298-299.—Signol, 1884, 224.
- (GIESSEN) Schneid., 1866a, 7, 11, 12, 13, 15, 23, 28, 30-48, 66, 67, 68, 107, 114, 116, 123, 191, 192, 197, 204, 227, 234, 235, 236, 239, 248, 249, 253, 259, 268, 286, 294.
- (GERT.) Linst., 1898c, in 280-291, pl. 1-2; 1899b, in 1-28; 1900b, in 362-376, pl. 1; 1901e, in 271-292, pl. 1-2; 1901, 410; 1902a, in 217-232; 1903k, in 108-121; 1903u, in 265-294, pls. 1-3; 1904d, 1-2; 1904, in 91-104; 1904o, in 484-497, pl. 1; 1905t, in 355-366; 1905bb, in 182-193, pl. 1; 1906, ZJ, v. 24 (1), 1-20, pl. 1 figs. 1-18; 1906, v. 3, in 163-188; 1907, v. 47, in 111-114, pl. 1; 1907, v. 3, in 251-259, pls. 1-2; 1907, PRSE, v. 26, 464-472, pls. 1-2 (Antarctic); 1909a, 48, 49.
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- (JAPAN) Miura & Nishiuchi, 1902a, 637-641, fig. 1.—Miura & Yamazaki, 1897a, 256.
- (KIEL) Fabr., 1794a, 37.—Schneidem., 1896a, 304, 305 (Askaris).—Zernecke, 1895a 43.
- (KJØBENHAVN) Abildg., 1790, 29, 45.—Rathke, 1799, 67, 77, 84.
- (KÖNIGSB.) Askanazy, 1900a, 578.—Braun, 1883a, 161; 1895b, 26, 210, 213, 240; 1903a, 243, 244, 251, 253; 1906a, 22, 333; 1908a, 338, 341; 1913, 397; 1915a, 362.
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- (LOND.) Cobbold, 1883h, 82.—Owen, 1865a, 182.
- (LYON) Mathis, 1902a, 91-92; 1902b, 80; 1902c, 617; 1902d, 578-579; 1902e, 523; 1902f, 161; 1902g, 16; 1902h, 780.
- (MEMMINGEN) Huber, 1893a, in 157-239.
- (MONTPELLIER) Brug., 1791a, 40, pl. 30-32; 1792a, 131, 132, 133.
- (MOSKOW) Fisch. Waldh., 1799a, 96; 1840a, 159.
- (NAP.) Chiaje, 1825a, 9; 1833, 7.—Raf., 1815a, 151 (g. of *Scolexia*).
- (NATAL) Fuller, 1896a, 763.
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- (NIORT) Meschinot, 1845a, 67-84.
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- (PARIS) Andry, 1741, v. 2, 502, 529, 530, 553, 601, 654.—Nev.-Lem., 1904a, 97; 1906a, 258, 259, 325; 1908a, 415; 1912a, 642.
- (PETROGRAD) Kholodk., 1899a, 175.—Mordw., 1908, AMz Petrograd, v. 13 (1-2), 157, 175, 187.
- (PHILA.) Dungl., 1893a, 107, 518, 571, 804.
- (PRAG) Stössel, 1844a, 7.
- (ROME) Cond.-Franc., 1898b, in 110-144, pl. 1 (of fishes).—Lepri, 1898a, 67.
- (STRASSBOURG) Valentin, 1811a, 4.
- (SWEDEN) Jægers., 1894a, 450, 453; 1897b, 9, 20, 22.—Olss., 1867a, 2; 1869b, 487, 490; 1876a, 147.
- (SWITZ.) Zsch., 1903, 128, 147.
- (TOULOUSE) Jammes, 1890b, li-iii.
- (TRIESTE) Stoss., 1896a(b), 9-120 (1-114) (monogr.); 1897c, 440-441; 1897d, 297-298; 1897, v. 4, 20; 1898, 66; 1902c, in 1-16, pls. 1-3; 1902, 61-76, pl. 1-3; 1904b, 4, pl. 1; 1904c, 246; 1907a, 167.
- (U. S. A.) Griggs, 1906, ON, v. 6, 519-527, figs. 1-12 (cytology).—Lint., 1901b, in 405-492, pls. 1-34.—Oppenheim, 1900a, 184.—Pearse, 1913, RHMS, v. 1, 714.—Rawlings, 1874a, 575-577.—Shivers, 1879a, 4.—S., F., & W., 1908a, in 283-294, pls. 1-10.—Ward, 1903, 222; 1916, 701.
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- (WIEN) Brems., 1824a, 127-129.—Dies., 1851a, 19 (of Frisch so. *Echinor.*), 158, 299 (of Gœze pars so. *Doch.*); 1861a, 715 (pars so. *Doch.*).—Eiss, 1838a, 28.—Hartm. & Prowazek, 1907, 321.—Ślawikowski, 1819b, 8, 65.
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- , cuticle: (AUSTRALIA) Cleland & Johnst., 1912, Rep. 13 Meet. Austr. Ass. Adv. Sc., 299-300, fig. 1.
- , digestive apparatus: (TOULOUSE) Jammes, 1890b, li-iii.
- , excretory system: (CAMBRIDGE) Shipley, 1897b, 342.
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- , intestine: (DEUTSCHLAND) Ehrlich, 1909, AZ, v. 3, 81-123, pls. 1-3 figs. 1-2 (epithelial cells).
- , lymphatic glands: (WARSAW) Nassonov, 1897g, 524-530.
- , muscles: (BRESLAU) Rohde, 1892d, 69-106, pls. 1-6 (and nerve); 161-192, pls. 1-4; 1893a, 493-494.
- (DEUTSCHLAND) Apáthy, 1893, 33-73, 319-361; 1894, 886-911, pl. 36 (fibres).—Bilek, 1909, ZwZ, v. 93 (4), 625-667, figs. 1-20 (and intestine): 1910, AA, v. 36 (1), 17-25, figs. 1-3; 1910, AA, v. 37 (2-3), 67-78, figs. 1-10; 1910, CaeB, v. 1 (6), 182 (fibrilläre Struktur).
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- , nervous system: (DEUTSCHLAND) Apáthy, 1907, ZA, v. 32 (12-13), 381-385.
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- (PETROGRAD) Deineka, 1907, BAiS, v. 1, 511-529; 1908, ZwZ, v. 89, 242-307, pls. 1-9, figs. 1-7; 1908, JRMS, (184), 322-323; 1912, TSN, v. 42 (2), in 1-259, figs. 1-57; 1913, CaeB, v. 4 (5-6), 215.
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- , "organes phagocytaires": (WARSAW) Nassonov, 1898h, 170-179, figs. 1-5.
- , reproductive system: (DEUTSCHLAND) Hirschler, 1913, AZ, v. 9 (3), 351-398, figs. 1-41 (mitochondria in sex-cells).—Kautzsch, 1912, AZ, v. 8, 217-251, pls. 1-2 figs. 1-43; 1913, AZ, v. 11 (3), 487-488 (sex-cells).—Zach., 1912, ZA, v. 40 (13), 400-415.
- (JAPAN) Katsuki, 1914, AZ, v. 13 (1), 92-118, figs. 1-23c (quantitiven Wandlungen des Chromatins in den Geschlechtszellen).
- (MARBURG) Harms, 1906, ZA, v. 30 (15), 487-488 (abnormality).
- (MÜNCHEN) Balss, 1906, ZA, v. 30 (15), 485-487; 1907, JRMS, (1), 45.
- (PAVIA) Sala, 1904a, 874-887, figs. 1-7; 1904b, 301-317, figs. 1-7; 1904c, 654; 1905a, 168-169; 1907a, 155 (epithelial cells of oviduct and spermatid duct).
- (PRAG) Vejd., 1912, VcSNTmp, (19), 1-8, figs. 1-2 (mitochondria in sex-cells).
- (U. S. A.) Wildman, 1913, S, v. 37, 455-456 (mitochondria in sex-cells).
- (WARSAW) Lukjanow, 1889a, 397-408, figs. 1-30; 1890a, 41-42 (dog).
- , Rhachis: (DEUTSCHLAND) Marcus, 1905b, 479-482, figs. 1-3; 1906a, 177.—Mayer, 1906a, 289-297, figs. 1-6; 1906, JRMS, (173), 444; 1906, ZC, v. 13 (15-16) 499-500.

ASCARIS, associated with—

- Cachexia, ictero-verminous: (TURIN) Perronc., 1907f, 11-17.
 Fever: (ITALY) Demateis, 1892a, 191-199; 1892b, 653-660; 1892c, 108.
 Meningism: (LAUSANNE) Taillens, 1906a, 409-422; 1906b, 345; 1906c, 727.
 Paludism: (FRANCE) Gros, 1904, *Caducée*, v. 4, 258; 1904, *MR*, v. 66 (18), 710; 1905, *AST*, v. 9 (4), 183-184.
 Pneumonia (à forme appendiculaire): (FRANCE) Lassalle, 1914, *AME*, v. 17, 607-609.
 Typhus: (POLAND) Pelczynski, 1888a, 61-62; 1889a, 287-288 (formation of tumor).
 (PARIS) Jerinici, 1908, *CrSB*, v. 65, 276; 1908, *BIF*, v. 6 (7), 799.

ASCARIS.

- Bibliography: (DEUTSCHLAND) Huber, 1893a, 157-239 (clinical).
 Biology: (BERL.) Kûehn, 1811, *RNWgn*, v. 1 (3), 268-269 (viviparous).
 (FRANCE) Lab., 1887b, 1593-1595; 1888b, 45.
 (TURIN) Perronc., 1912, *BAM*, v. 67, 167-170; 1912, *Pm*, v. 20 (17), 180; 1912, *Cv*, v. 35 (19-22), 966-970; 1912, 1-4; 1912, *GrAM*, v. 18, 74-76; 1913, *CfB*, v. 57 (5), 143-144.
 Classification: (GR. BRIT.) Bellingh., 1838c, 85-87.

ASCARIS, as cause of—

- Colic: (DEUTSCHLAND) Kalkoff, 1899a, 434-435; 1900a, 293 (fatal).
 Conjunctivitis: (DEUTSCHLAND) Dorff, 1912, *KMA*, v. 14, 670-684; 1913, *BkW*, v. 50 (4), 177; 1914, *DtW*, v. 22 (26), 416.
 Cough: (ITALY) Barnabo, 1909, *Co*, v. 11, 346-351.—Gargiulo, 1909, *Co*, v. 11, 248-249.
 (LOND.) Liston, 1905a, 226-227; 1905b, 269; 1905c, 207-208; 1906, Jan. 5, 612.
 Diarrhœa: (BENGAL, INDIA) Mitra, 1895a, 567 (fatal).—Wrafter, 1898b, 245; 1898c, 939.
 (FRANCE) Gallet de Santerre, 1913, *AHMc*, v. 16 (2), 452-454; 1913, *TDB*, v. 2 (12), 636.
 Enteralgia: (FRANCE) Lemoine, 1910, *Pm*, v. 18 (48), 444.
 Enteritis: (AUSTRIA) Arnold, 1856, 77-79 (hyperamia cerebri).
 (PARIS) Halma-Grand, 1856a, 202-203 (hemorrhagia, intestinal, with symptoms of asphyxia).
 Epilepsy: (DEUTSCHLAND) Riff, 1912, *BkW*, v. 49 (29), 1398; 1912, *DmW*, v. 38 (38), 1813.
 (LOND.) Taylor, 1915, *VR*, v. 28, 235 (in puppy).
 Fever and convulsions: (GR. BRIT.) Duprey, 1903, *L*, v. 2 (24), 1649-1650; 1904, *DmW*, v. 30 (1), 40; 1904, *NYMJ*, (1309), 29-30; 1904, *CPA*, v. 15 (18), 770.—Grant, 1903a, 119.—Wilkinson, 1903a, 979.—Worth, 1903a, 1052.
 Hypothermy (nocturnal): (YUCATAN) Ayuso y O'Horibo, 1915, *RmY*, v. 10 (12), 172-179; 1916, *TDB*, v. 7 (6) 360.
 Ileus: (NEUCHÂTEL) Descoedres, 1909, *Smn*, June 10; 1910, *Pm*, v. 18 (1), 6; 1910, *AiC*, v. 4, 577-592.
 Intestinal obstruction: (BREDWARDINE, HEREFORD) Marston, 1896a, 810-811 (and chronic enteritis).
 (DEUTSCHLAND) Ruland, 1913, *TdG*, v. 54 (3); 1913, *DmW*, v. 39 (14), 668-669.
 (FRANCE) R. Bl., 1899, *AdP*, v. 2, 634-635, fig. 1.—Porot, 1904a, 300-306; 1904b, 262-267; 1904c, 561; 1904d, 1082-1083; 1904e, 93-94 (intestinal invagination, fatal).
 (GENOA) Donzella, 1909, *ASISn*, v. 20, 58-60.
 (KÖLN) Fuhrm., 1915, *Festschr*, 10j. Best. Akad. f. pr. Med., 738-740.
 (PRAG) Doberauer, 1914, *PmW*, v. 39 (17), 197-198; 1914, *DmW*, v. 40 (21), 1079; 1914, *CfB*, v. 62 (9), 266; 1914, *MmW*, v. 61 (32), 1787.
 (U. S. A.) Nason, 1904a, 1145; 1904b, 1691.
 Meningismus: (YUCATAN) Correa Aloy, 1911, *RmY*, v. 7, 29.
 Oedema of the brain: (STUTTGART) Bubenhofer, 1889a, 204.

ASCARIS, as cause of—Continued.

- Peritonitis: (BILBAO) Aparicio, 1913, GmN, v. 19, 204-207.
 (BROOKLYN) Ferris, 1902a, 406.
 (FRANCE) Broca, 1904, RmME, 385; 1904, Dec. 20, 2312; 1905, CmW, v. 43 (52), 875.
 (RUSSIA) Lyubarski, 1914, VmJ, v. 240, 233.
 (UPSALA) Nystrom, 1904a, 304-315; 1905a, 171 (ileus).
 (MISCELLANEOUS) Gendrot, 1905, Sept. 1, 631; 1905, Sept. 16, 879-880.
 Regurgitation and vomiting: Gallier, 1904.
 Suffocation: (MILAN) Donati, 1878a, 462-467.
 Superexcitation of sexual organs: (FRANCE) Raspail, 1838a, 559, 563-564; 1839d, 199-204.
 Tetanus: (NORWAY) Buchholz, 1903, NML; 1903, MmW, v. 50 (30), 1308-1309; 1904, ZFM, v. 14 (10), 344.
 Tympanitis: (BERN) Demme, 1889a, 45-49; 1891a, 1-88, pl. 1; 1892a, 410-411; 1892b, 52.
 Typhlitis: (ITALY) Aymareto, 1905, Gmi, v. 56, 195-197.
 (PARIS) Gouraud & Martin-Durr, 1893a, 754-755.
 Urticaria: (ITALY) Bussano, 1911, Cv, v. 34 (8), 337-351.
 (MISCELLANEOUS) Cesarini, Rm, (10); AK, v. 24, 275.

ASCARIS.

- Cytology: (CRACOW) Hirschler, 1910, BiAS, ser. B, 638-645; 1911, CaeB, v. 2 (13-15), 332-333; 1912, ICZ, 932-936; 1912, AA, v. 41, 526-528.—Kostanecki & Siedlecki, 1896a, 181-273, pls. 10-12 (centrosomes); 1897a, 475-476; 1897b, 21-22; 1897c, 225-228; VaG, 10 Vers., 21-22.
 (DEUTSCHLAND) Boveri, 1910, FH, v. 3, 131-214, figs. 1-24.—Fick, 1909, AZ, v. 3 (3), 521-523 (chromosomes).—Goldschmidt, 1904, ZJ, v. 21, 41-134, pls. 1-6 figs. 1-16; 1904, BC, v. 24, 241-251 (Chromidialapparat).—Kautsch, 1911, VdzG, v. 20-21, 215-219 (Richtungskörper).—Perthes, 1904a, 632-634, 668-670, figs. 1-4.—Strassen, 1901a, 134-161; figs. 1-10.
 (NORWAY) Bonnevie, 1913, AZ, v. 9 (3), 433-457, figs. 1-7 (chromosomes).
 (U. S. A.) Edwards, 1910, S, v. 31, 514-515 (sex-determining chromosomes).
 Development: (FRANCE) Jammes & Martin, 1907, CrAS, v. 143, 67-70; 1907, JRMS, (5), 555; 1908, CrSB, v. 65, 123-124.
 (GR. BRIT.) Haslam, 1895a, 153-157.
 (HUNGARY) Rossa, Al; 1911, VR, (1194), 742-743.
 (ITALY) Grassi, 1887e, 131-132; 1888p, 748-749; 1888q, 673-674.
 (LEIPZIG) Strassen, 1895a, 83-96.
 Eggs: (BELGIUM) Cerf., 1913, ZwMmT, v. 29 (3), 305-309.
 (DEUTSCHLAND) Boveri & Hogue, 1909, SpmG, 44-48, figs. 1-5 (Teilung).—Boveri & Stevens, 1904, ZA, v. 27 (12-13), 406-417 (Entwicklung dispermer Eier).—Geinitz, 1915, AZ, v. 13 (4), 588-633, fig. 1, pls. 38-40 figs. 1-71b.—Meves, 1910, AA, v. 36, 609-614 (fertilization).
 (FRANCE) Bataillon, 1900a, 435-437; 1904, 5 (resistance osmotic and pressure).—Chevrotot & Fauré-Fremiet, 1913, CrAS, v. 156 (10), 815-818 (division).—Drz., 1909, Rs, v. 47 (13), 402-403 (ultra-violet rays).—Fauré-Fremiet, 1913, CrSB, v. 75 (27), 89-92 (segmentation).
 (ITALY) Fumagalli, 1907, GrSAvi, 657; 1908, ZFM, v. 18 (11), 369.—Mondino & Sala, 1889a, ix-xi; 1889b, 1456-1457; 1890a; 1890b, 9-28, figs. 1-17 (maturation & fecundation).
 (LEIPZIG) Erlanger, 1896a, 136-139 fig. 1 (Befruchtung).—Strassen, 1898, AEO, v. 7 (4), 642-676, pls. 16-17 figs. 1-32.
 (LOUVAIN) Carnoy, 1886b, in 1-103, pls. 5-8; 1887a, 92 (ovogenesis).
 (PARIS) Rev. sc., 1909, v. 47 (10), 310-311 (& pollen grains).
 (U. S. A.) Painter, 1914, PSERM, v. 12 (3), 62-64; 1915, JEZ, v. 19 (3), 355-385, figs. A-P, pls. 1-3 figs. 1-17 (effect of carbon dioxide).
 Embryo: (DUTCH INDIA) Sw., 1913, GTNI, v. 53 (5), 672-674; 1914, TDB, v. 3 (6), 296-297.
 (LEIPZIG) Strassen, 1896a, 426-433.
 (U. S. A.) Stiles, 1891d (e), 465-466 (1-2); 1891f, 162-163 (tooth).

ASCARIS—Continued.

- Embryology: (FRANCE) Jammes, 1892c, 71-85 (feuilletts blastodermiques).
 (HEIDELBERG) Samassa, 1898a, 1-16 (effect of gases).
 Eosinophilia: (DRESDEN) Heller, 1913, 1-46; 1914, ZV, v. 26 (3), 151.
 (PARMA) Radaeli, 1905a, 363-367.
 Erratic or present in: (LEIPZIG) Tschernomor-Sadernowski, 1893a, 223-224.
 (NEW YORK) Page, 1906a, 137-138; 1906b, 151.
 —, alimentary tract: (HUNTSVILLE, TEXAS) Rawlings, 1874a, 575-577.
 —, anus: (PARIS) Lebas, 1760a, 273-279 (see Vandermonde, 1760, 280).
 (MISCELLANEOUS) Ledel, 1697-98a, 503.
 —, biliary ducts: (CREMONA) Monteverdi, 1898a, 217-226.
 (DEUTSCHLAND) Hofmeister, 1910, DmW, v. 36 (33), 1548.—Pflugradt, 1914, DmW, v. 40, 227-228.—Sick, 1901a, 1-34.
 (ITALY) dalla Valle, 1915, GdO, v. 36, 468-470; 1915, JAMA, v. 64 (22), 1883.
 (MÜNCHEN) Clemm, 1903, MmW, v. 50 (6), 263; 1905, April 12, 175; 635 (with clinical picture of liver colic).
 (ROME) Marchiafava, 1895a, 547; 1895b, 642; 1895c, 234.
 (WEBSTER CITY, IOWA) Pond, 1904a, 484-488 (simulating gallstone seizures).
 (WIEN) Flögel, 1835a, 567-570.—Zepuder, 1865a, 505-506.
 (WÜRZBURG) Seifert, 1908a, 563.
 —, Ductus choledochus: (CREMONA) Monteverdi, 1889a, 217-226.
 (DEUTSCHLAND) Neugebauer, 1903a, 584-591; 1904a, 461 (choledochotomy).—Fertig, DZC, v. 114 (4); 1912, MmW, v. 59 (24), 1338 (choledochotomy).
 (FRANCE) Chretien, 1909, ROSvs, 191 (in swine).
 —, feces: (BALTIMORE) Simon, 1896a, 192; 1897a, 224; 1907a, 305.
 —, genito-urinary system: (BERL.) Frank, 1804a, 112-113 (dog).
 (CORDOVADO) Termini, 1872c, 1102-1103.
 (METAXIA) Radicchi, 1840a, 79-80.
 (WÜRZBURG) Seifert, 1908a, 567.
 —, intestines: (AUSTRIA) Felder, 1908, TC, v. 31 (26), 413-414; 1908, WTV, v. 52 (43), 805 (in den Arterien).
 (GR. BRIT.) Hillyer, 1892a, 773-774; 1892, 550 (fatal).
 (ITALY) Novaro, 1914, Pol., v. 21 (12); 1914, JAMA, v. 62 (18), 1444 (invagination).
 (PARIS) Gaultier, 1909, Pm, v. 17 (56), 500-501, figs. 1-2 (simulating ulcer of stomach).—Morot, 1898a, 515-517 (odor in meat); 1898b, 871-872; 1898d, 490.—Robert, 1803a, 232-238.
 —, —, perforation: (DEUTSCHLAND) Botoff, 1897, JCTi (10); 1897, AK, v. 24, 155.—Plew, 19, AK, v. 62 (1-2); 1914, BkW, v. 51 (4), 170; 1914, DmW, v. 40 (21), 1083; 1914, MR, v. 86 (26), 1102.
 (FRANCE) Ginieis, 1905, Mar., 23; 1905, Apr., 30; 1905, May, 299-300; 1905, June, 131-133; 1905, November, 413, 610-611; 1905, Dec., 296; 1905, 158-164.—Guiart, 1911a, 255.
 (HUNGARY) Orsós, 1907a, 236-238; 1907b, 653-654; 1908, MR, v. 72 (4), 154.
 (ITALY) Solieri, 1902a, 280-283; 1902b, 49; 1902c, 152; 1902d, 613; 1902e, 718.
 (PARIS) Moussu, 1905a, 502-504; 1906a, 225-232; 1906b, 401-402; 1906c, 359-361.
 (PAVIA) Sangalli, 1878a, 247-250.
 (PHILA.) Omény, 1896, VM, v. 3 (8), 516.
 (RUSSIA) Vishnevsky, 1884a, 481-482 (chorea).
 (SPAIN) Torres Casanovas, 1914, RMC, v. 28, 46-49.
 (VIENNE, FRANCE) Mondière, 1838a, 65-78; 1839a, 233-237.
 (WÜRZBURG) Seifert, 1908a, 524.
 —, liver: (CREMONA) Monteverdi, 1889a, 217-226.
 (DEUTSCHLAND) Fülleborn, 1905, MmW, v. 52, 2393-2394; 1908, AST, v. 12, 638-639, figs. 1-3; 1908, BkW, v. 45 (45), 2032.—Kuppelmayr, RGgF, v. 8, 70, fig. (swine).—Ortmann, 1891a, 203; 1892a, 675.—Remmler, 1913, BtW, v. 29 (49), 880-881.—Saltykow, 1900a, 339-350, pl. 15; 1902a, 349.

ASCARIS—Continued.

Erratic or present in, liver—continued.

- (GREIFSW.) Hœhler, 1895a, 1-27 (abscess).
 (INDIA) Dutt, 1905, IMG, v. 40 (4), 140.
 (INDO-CHINA) Degorce, 1912, BSmcIC, v. 3, 664-666, pls. 1-2; 1912, Pm, v. 20 (103), 1049; 1913, TDB, v. 1 (8), 437 (multiple abscess).—Le Roy des Barres, 1913, BSmcIC, v. 4 (7), 329-330; 1913, TDB, v. 2 (12), 635.
 (PRAG) Saar, 1904a, 189-192; 1904b, 549-550.
 (RUSSIA) Nowicki, 1913, GL, (35); 1913, Pm, v. 21 (95), 960; 1913, CPA, v. 24, 295-296, fig. 1; 1914, AST, v. 18 (19), 676.
 (TÜBINGEN) Vierordt, 1904a, 209-246, figs. 1-3; 1904b, 987-988; 1904c, 1859; 1904d, 458; 1905b, 174.
 (WIEN) Flögel, 1842a, 991-993.
 —, lungs: (CZERNOWITZ) Lucksch, 1905a, 377-379; 1905b, 819; 1905c, 686; 1905d, 460; 1905e, 37; 1905f, 522; 1906, CPA, v. 17 (2), 64 (embolism of artery).
 (SWEDEN) Modeer, 1789a, 187 (pig).
 —, mouth: (WÜRZBURG) Seifert, 1908a, 566.
 —, muscle: (FRANCE) La Peyre, 1785a, 375-386 (nach Psoas abscess).
 (NEW YORK) Pagea, 1906a, 137-138.
 —, nose: (PARIS) Littré, 1730a, 42-45.
 (WÜRZBURG) Seifert, 1908a, 565.
 —, œsophagus: (ITALY) Maraglio, 1857a, 137-140 (acute dysphagia).
 —, pancreas: (DEUTSCHLAND) Muroya, 1912, DZC, v. 119, 21-30, pl. 1; 1912, DmW, v. 38 (47), 2236; 1912, MmW, v. 59 (52), 2880 (Fremdkörper tuberkel).
 (PARIS) Rail. & Morot, 1893a, 407-408; 1893b, 1; 1893c, 381; 1894a, 561.
 (TÜBINGEN) Vierordt, 1904a, 209-246, figs. 1-3; 1904b, 987-988; 1904c, 1859; 1904d, 458; 1905b, 174.
 (WÜRZBURG) Seifert, 1908a, 565.
 —, peritoneal cavity: (CREMONA) Monteverdi, 1889a, 217-226.
 (DEUTSCHLAND) Sehr, 1906a, 699-713, pls. 1-3; 1906b, 2047; 1907a, 183-184; 1908a, 667-668.
 (LAIBACH) Kovatsch, 1872a, 490-492.
 (LOND.) Pillers, 1912, VN, v. 9, 604-605.
 (RUSSIA) Hamburger, 1910-11, TPIKmo, v. 47, 242.—Joffe, 1911, RV, v. 10, 1506-1508; 1911, DmW, v. 37 (49), 2301.
 —, pleural cavity: (HEILBRUNN) Müell., 1872a, 448-451 (pneumothorax).
 (ITALY) Mori, 1907, Mz (21); 1908, CfB, v. 41 (19-21), 668.
 —, trachea: (DEUTSCHLAND) Emmert, 1860, M, v. 5, 103.
 (NAP.) Moscucci, 1898a, 124-127 (asphyxia and death).
 (SWITZ.) Heusser, 1892a, 443; 1892b, 273-274 (fatal).
 (WÜRZBURG) Seifert, 1908a, 566 (Kehlköpfe).
 —, tube de Froin: (PARIS) Reubsaet, 1907a, 840.
 —, umbilicus: (IPSWICH) Hamilton, 1786a, 372-377; 1788a, 1069.
 (KOBLENZ) Hecking, 1842a, 80.
 —, urine: (BALTIMORE) Simon, 1896a, 459; 1897a, 510; 1907a, 586.
 (JENA) Kühn, 1798a, 1-18.
 (NUREMBERG) Hannemann, 1687a, 85.
 —, uterus: Beckers, 1678a, 121-122.—Fabri, 1691, MAnc, 457-458.
 Ferments: (DEUTSCHLAND) Abderhalden, 1911, ZpC, v. 74, 409-410; 1912, CfB, v. 52 (18), 548.—Klug, 1907, AiP, v. 5, 297-317.
 Geschichte: (HEILBRUNN) Hahn, 1858a, 162-164.
 Histology: (DEUTSCHLAND) Goldschmidt, 1906, ZA, v. 29, 719-737, figs. 1-13; 1906, ZC, v. 13 (15-16), 498-499.
 (FRANCE) Jammes, 1890a, 65-66.
 In egg of chicken: (ITALY) Pavesi, 1893a, 101-109, figs. 1-4; 1893b, 467; 1894a, 108.
 (TORINO), Benci, 1880b, 416-417.—GMv, 1880, v. 29 (5), 318.

ASCARIS—Continued.

- Metabolism: (DEUTSCHLAND) Weinl., 1901b, 55-90; 1902a, 490-502; 1902e, 365-366; 1902f, 451-452; 1904a, 517-531; 1905, AN, v. 64, v. 2 (3), 29.
(WÜRZBURG) Seifert, 1908a, 517.
- Outside of body: (DEUTSCHLAND) Hintze, 1780a, in 1-53; 1793a, 473-475.
(FRANCE)—Lab., 1882, BSmH, v. 19, 270, 276 (not *Ascaris*).
- Pathology: (DEUTSCHLAND) Berndt, 1829, EWmW, v. 3, 484-486 (and therapy),
(HOLLAND) van Phelsum, 1769a.
(ITALY) Slaviero, 1914, GdO, v. 35, 1075-1077; 1081-1088; 1914, JAMA, v. 63 (15), 1334.
(LOND.) Murie & Baird, 1868a, 67-71 (walrus).
(RUSSIA) Shevelev, 1895a, 52-54.
- Serum: (FRANCE) Rubinstein & Julien, 1913, CrSB, v. 75, 180-182 (horse).
(ITALY) Ghedini, 1907, v. 13, 58 (antibodies).
- Spermatozoa: (DEUTSCHLAND) Marcus, 1906, BC, v. 26, 427-430; 1906, ZC, v. 13 (19-20), 611; 1907, Cfp, v. 21 (13), 432; 1907, JRMS, (1), 46 (Beweglichkeit).
(GIESSEN) Leuck., 1854d, 1-46, pl. 1.
(RUSSIA) Tretiakov, 1914, AmA, v. 85, (3), 135-203 fig. 1, pls. 11-13 figs. 1-31; 1914, JRMS, (5)* 452-453 (intrauterine development).
- Strangulationsmarke: (DEUTSCHLAND) Ebstein, 1904, DAKM, v. 81 (5-6), 543-550, figs. 1-2; 1904, AM, v. 8 (24), 1024; 1905, CPA, v. 16 (3), 112; 1905, CSV, v. 6 (2), 59; 1907, DAKM, v. 88, 596-597; 1907, DmW, v. 33 (7), 279 (diagnostic importance).
(WÜRZBURG) Seifert, 1908a, 563.
- Surgery: (BALTIMORE) Stavelly, 1894a, 371-376.
(DEUTSCHLAND) Müell., L., CGMC, v. 12 (3), 81-128; 1909, JAMA, v. 52 (16), 1299.
(JAPAN) Miyake, 1908, AkC, v. 85, 325-342, fig. 1; 1908, MmW, v. 55 (9), 471; 1908, TG, v. 32, v. 24 (9), 667-668; 1908, HR, v. 18 (22), 1347; 1909, CPA, v. 20 (5), 215-216; 1909, Cfb, v. 44 (5), 147.
- Symptoms: (BUDAPEST) Szinessy, 1904a, 852.
- Toxicity: (DEUTSCHLAND) Flury, 1912, MmW, v. 59 (10), 564; 1912, DmW, v. 38 (16), 784; 1912, BkW, v. 49 (11), 527-528; 1912, AePP, v. 67, 275-392; 1912, 1-118; 1912, SpmG, 14-16; 1912, MmW, v. 59 (16), 888; 1914, *ibid.*, v. 65 (37), 872-873.—Goldschmidt, 1910, MmW, v. 57, 1991-1992; 1910, MR, v. 78 (16), 689; 1911, VN, v. 8, 39-40.—Spieth, 1914, ApAP, v. 215 (1), 117-126, fig. 1.—Zirker, 1912, MtW, v. 56 (50), 890.
- (ITALY) Aless. & Paolucci, 1909, Als, v. 19 (4), 497-542, figs. 1-5; 1910, Cv, v. 33 (2), 27-28; 1910, BIP, v. 8 (8), 357-358; 1910, Cfb, v. 46 (16), 498-499; 1910, CPA, v. 21 (14), 640; 1910, T, v. 49 (2), 42.—Consentino, 1904, SAB, v. 58 (3), 530-534.—Eguerrini, 1913, AB, Milan, v. 64 (4); 1913, BMJ, v. 1, 76.—Guerini, 1910, SAB, v. 64, 549-580, pl. 1; 1911, JFTC, v. 40, 1239; 1911, AiB, v. 55 (2), 283-297, figs. 1-5; 1911, FM, v. 29 (6), 137; 1911, CPA, v. 22 (10), 450.—Radeli, 1905b, 773-776; 1905c, 1084 (pseudo-epilepsy).
- (PARMA) Cattaneo, 1903, AmcP, Mar.; 1903, Biochem. Centralbl., v. 1 (22-23), 806; 1904, CiMP, (14), 961-962.
- Toxine: (BERN) Dobernecker, 1912, Diss., 1-37; 1912, AI, v. 35 (38), 452.
(FRANCE) Weinberg & Julien, 1911, CrAS, v. 152, 1030-1032; 1913, HVL, v. 7 (5), 225-244, figs. 1-2; 1913, CrSB, v. 74 (20), 1162-1163 (accidents mortels chez un cheval).
- See also: Stomachida, Fusaria, Askaris, Lombricoides, Ascoria, Acaris.
- acanthocauda* Linst., 1903u, 275 for *acanthocaudata*; 1904a, 11.
acanthocaudata Cobbold, 1858b, 160, pl. 31 figs. 24-26 (in *Lota molva*; (Edinb.).—Dies., 1861c, 278 (in L. m.; E.).—Lint., 1901b, 410, 476 (in *Melanogrammus aeglefinus*).—Stoss., 1896a, 82 (76) (in intest. L. m.).
- acanthura* Leuck., 1842a, 42-43 (in *Sorex tetragonurus*; by Leuck.).—Crep., 1844a, 133 (in S. t.).
- acanthura* Dies., 1851a, 591 (spinicauda Dies., 1851a, 188, renamed).
- acerinæ* Linst., 1878b, 240-241, fig. 30 (larva in *Acerina cernua*; lng.); 1887d, 107.—Hofer, 1904a, 228 (in A. c.).—Stoss., 1896a, 54 (48).

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- acicula* Brug., 1791a, 94–95, pl. 30 figs. 19–21 (in *pulmone ranarum*; Goeze, 1782a).—Dies., 1851a, 187 (so. nigrovenosa).—Rud., 1809a, 148 (so. n.)
- acicularis* Pall., 1781a, 72 (pollicaris, renamed) (in *Equus cab.*; Holland).
- acipenseris* Linst., 1883a, 278 (host apparently *Acipenser*; Turkestan); 1886c, 4.—Stoss., 1896a, 54 (48) (esofago, *A. sp.*; T.).—Also reported for *A. sturio*.
- aculeati* Linst., 1884a, 130–131, pl. 8 figs. 9–10 (larva in *Gasterosteus aculeatus*; by Linst., Ing.); 1887d, 107 (in *G. a.*); 1909a, 54 (in *G. a.*, *Trutta salar*).—Hofer, 1904a, 229 (in *G. a.*).—Stoss., 1896a, 54–55 (48–49).
- acuminata* Schrank, 1788a, 12 (in frogs; Goeze, 1782a, 101, pl. 4 figs. 4–9).—Bagge; 1841a.—Bellingh., 1844a, 169.—Ben., 1858a, 1861a, 282.—Braun, 1883a, 187.—Cobbold, 1858b, 162 (in *Rana temp.*), 163 (in *Lissotriton punctatus*, Edinb.).—Dies., 1851a, 152–153 (s. subulata, *bufonis* Goeze, ani Schrank, ranæ Gmel., *salamandræ brevicaudata*) (in *Dendrohyas viridis*, *Phrynohyas tschudii*, *Calamites luteus*, R. t., *Pelophylax escul.*, *Phryne vulg.*, *Dociodophryne aqua*, *Leptodactylus sibilatrix*, *Pelobates fuscus*, *Bombinator igneus*, *Salamandra atra*, *S. maculosa*, *Triton cristatus*, *Tropidonotus natrix*, *Anguis fragilis*; Brazil, Europe).—Duj., 1845a, 227–228.—Eberth, 1863a, 64, 66, 67.—Fisch., 1840a, 154.—Galeb, 1878b, 348, 350.—Hempr. & Ehrenb., v. 11.—Knoch, 1862e, 101.—Kœll., 1843a, 73, 74, 75, 81, 85, 89; 1843, 101–136, v. 1, pl. 6 fig. 27.—Lam., 1816, 208.—Leuck., 1867b, 77, 89, 137, 138, 139, 140, fig. 71.—Martini, 1906a, 706.—Mayer, 1841a, 15, 16.—Nordm., 1832a, 18; 1840a, 654 (s. subulata, ranæ).—Oken, 1815a, 199.—Olfers, 1816, 62.—Olss., 1869b, 482.—Pag., 1857a, 40.—Perez, 1866a, 277, 288, 289.—Probstmayr, 1865b, 178.—Rail. & Henry, 1916, CrSB, 249 (type of *Aplecta*).—Reichert, 1847, 115–144, pl. 5 figs. 1a–e.—Rud., 1802a, 18 (s. ranæ); 1809a, 136–137; 1819a, 40, 793 (in *R. temp.*, *R. arborea*).—Schneid., 1866a, 30, 66, 107, 272.—Sieb., 1842, 349, 351; 1845, 213–215.—Stoss., 1898, 80.—Walter, 1866, 69.—Wedl, 1850, 17.
- acus* Bloch, 1779a, 544–547 (in Hecht); 1782a, 30–31 (in Hecht, *Silurus glanis*, *Vultur albicilla*, *Falco subbuteo*, *Otis tarda*, *Anas fuligula*; by Bloch).—Aitken, 1866, 845; 1872, 151.—Anacker, 1893i, 344.—Baird, 1853a (=truncatula).—Bellingh., 1844a, 170.—Ben., 1866a, 210.—Bennet & Olivier, 1826a, 19 (in *Esox belone*).—R. Bl., 1887e, 167 (s. *Trichina cyprinorum*).—Bojanus, 1821a, 190, pl. 3 fig. 56.—Braun, 1883a, 148; 1891, 111.—Carus, 1884, 169.—Dies., 1851a, 156 (albicillæ) (of Bloch so. depressa), 161 (of Müell., so. aucta), 162 (of Goeze so. truncatula), 193 (of Bloch so. fuligulæ), 202 (of Bloch so. siluri), 185–186 (s. seta Müell., boa Schrank) (in *E. lucius*, *Belone acus*, *Clupea harengus*, *Salmo trutta*); 1861a, 278, 289, 666 (in *B. a.*).—Duj., 1845a, 186, 213–214.—Gmel., 1790a, 3037.—Goeze, 1782a, 90.—Fisch., 1840a, 155.—Gmel., 1790a, 3037.—Herbst, 1787a, 26.—Hofer, 1904a, 228, 271 (in *Trutta trutta*, *Cobitis fossilis*, *Esox lucius*, *Leuciscus rutilus*, *Blicca björkna*, *Alburnus lucidus*, *Cyprinus carpio*, *Sardinus erythrophth.*, *Idus melanotus*, *Tinca vulg.*).—Krøyer, 1838–40a, 615; 1846–53a, 253, 273; 1852–53a, 1219 (in *Belone rostrata*, *E. l.*, *Salmo trutta*, *Clupeus harengus*).—Lam., 1816, 208.—Leuck., 1867b, 51, 118, 123, 125, figs. 32, 88.—Linst., 1879a, 169–171, pl. 11 figs. 11–13 (in *E. l.*); 1887d, 107 (*E. l.*); 1909a, 49–50, fig. 5 (in *Perca fluviatilis*, *E. l.*, *Alosa vulg.*, *Anguilla vulg.*, *A. l.*, *L. r.*, *Abramis brama*, *Squalius leuciscus*, *Blicca björkna*, *I. m.*, *C. c.*, *S. e.*, *T. v.*, *Acerina*, *Thymallus vulg.*, *Cottus gobio*, *T. t.*, *Salmo salvelinus*).—Mordw., 1908, v. 13 (1–2) 157, 188.—Miram, 1840a, 35 (pars of Bloch=Fil. coronata).—Mol., 1858, 297(=Fil. cor.); 1858c, 408; 1861c, 280 (*acus albicillæ* so. depressa) 289 (in *Belone acus*; Padua).—Müch., 1898b, 44.—Müell., 1780, 194 (asus).—Nitzsch, 1821a, 47.—Nordm., 1840a, 655.—Oken, 1815a, 201.—Olfers, 1816a, 63.—Par., 1887, 493; 1894, 219; 1902, 14 (in *Clupea alosa*, *B. a.*, *E. l.*).—Rail. & Henry, 1915, 271 (type of *Raphidascaris*).—Rud., 1802a, 13–14; 1809a, 143 (of Bloch so. depressa), 173 (of Goeze so. truncatula), 176 (of Müell. so. aucta), 197 (pars of Bloch so. fuligulæ), 198, 201 (of Bloch so. siluri), 203, 149–152 (s. seta Müell., boa Schrank) (in *E. l.*, *E. belone*), 303; 1819a, 43, 793.—Schneid., 1866a, 18, 47, 193, 286, pl. 2 fig. 8 (in *E. l.*; Greifsw.).—Schneid., 1903, 7.—Schmalz, 1831a, 51.—Schrank, 1788a, 10; 1803a, 203.—Shipley, 1896a (1901b), 130.—Sieb., 1850, 663.—Stiles & Hass., 1899a, 106.—Stoss., 1890, 55; 1891, 216; 1892, 70; 1896a, 47–48 (41–42) (s. piscicola, *Agamonema leuciscirutili*) (in *B. a.*, *E. l.*, *C. f.*, *B. b.*, *C. h.*, *Salmo trutta*, *Alburnus lucidus*); 1898, 72; 1900, 5.—Walter, 1866, 19, 69.—Wedl, 1856, 39 (1).—Wilmsen, 1821, v. 3, 16 (der Nadelwurm).—Zsch., 1884, 9, 12, 64–68, 70, 73 (in *Lota vulg.*, *E. l.*, *Alburnus lucidus*); 1896, 773, 776, 783, 817, 818, 820, 821; 1903, 132, 135, 139.—Also reported for *Belone vulg.*

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- acuta* Müell., 1789a, 53, pl. 111 figs. 1-5 (in *Rhombus barbatus*; by Müell.).—Carus, 1884, 168.—Dies., 1851a, 162-163 (s. rhombi) (in R. b., *Rhombus maximus*); 1861a, 659 (in *Platessa plana*; Phila.); 1861c, 276.—Gmel., 1790a, 3031.—Krøyer., 1838-40a, 612 (in Rh. vulg.).—Leidy, 1856a, 52; 1904a, 96 (in P. p.).—Mol., 1858d, 147; 1861c, 282, 283 (in R. b., R. m.).—Müell., 1858, 147.—Olfers, 1816a, 65.—Par., 1894a, 218.—Rud., 1809a, 182-183 (s. rhombi) (in *Pleuronectes rhombus*); 1819a, 51.—Stoss., 1896a, 82 (76) (in R. m. (Padua), R. b., P. p. (N. A.)).—Tosh, 1905a, 115-116.
- acutissima* (Zed., 1800) Rud., 1809a, 156-157 (in *Sciurus vulg.*); 1819, 44, 793.—Cobbald, 1879b, 315.—Dies., 1851a, 172-173 (in S. v.).—Duj., 1845a, 164.—Hall, 1916a, 67 (to *Oxyuris*).—Linst., 1906, 113.—Olfers, 1816a, 64.
- adelinæ* Cond.-Franc., 1898b, 121-124, figs. 4-8 (in *Mugil cephalus*; Rome).
- adiposa* Schrank, 1790a, 122 (in *adipe intestinorum* & in *cavo abdominis lucii* Schrank); 1803a, 203-204.—Dies., 1851a, 203 (in *Esox lucius*).—Duj., 1845a, 186.—Hofer, 1904a, 271 (in E. l.).—Krøyer., 1846-53a, 253 (in E. l.).—Linst., 1883a, 278; 1886c, 4 (Moscow); 1909a, 53 (in E. l.).—Rud., 1809a, 151, 202-203 (in L.); 1819a, 60, 793.—Zsch., 1884, 6, 12, 70-71 (in E. l.); 1896, 773, 776, 784, 818, 820, 821 (in E. l.).
- adriatica* Stoss., 1897a, 5, fig. 1 (larva in *Vola jacobæa*; Venice).
- adunca* Rud., 1802a, 14 (in *Goldfisch*, *Clupea alosa*; by Rud.); 1809a, 133-134 (in C. a.); 1819a, 39, 270, 793.—Barbag. & Drago, 1903, 415 (in *Pagellus erythrinus*; Catania).—Braun, 1891e, 110.—Carus, 1884, 169.—Dies., 1851a, 171 (in *Alosa vulg.*; Europe); 1861a, 663 (in A. v.); 1861c, 277.—Duj., 1845a, 210-211.—Giard, 1903b, in 627-630, figs. 1-4; 1903c, 538-539.—Hofer, 1904a, 228 (in A. v.).—Krøyer., 1846-53a, 218 (in A. finta).—Linst., 1878b, 236, fig. 22; 1884a, 130, pl. 8 fig. 8; 1896a, 3-4, pl. 1 figs. 1-2; 1903u, 275; 1909a, 50, fig. 6 (in A. f., A. v., *Osmorus eperlanus*, *Trutta salar*).—Mol., 1858, 297; 1861c, 280, 288, (in A. v.; Padua).—Müeh., 1898b, 44.—Olfers, 1816a, 63.—Par., 1894a, 219 (in *Dactylopterus volitans*); 1902c, 14 (in D. v.; *Portofer-rajo*).—Schneid., 1866a, 48, pl. 2 fig. 9 (in C. a.).—Schneid., 1911, ANV, 16 (in *Cottus scorpius*).—Shipley, 1905k, 95, 102 (s. *rigida*, *biuncinata*) (in A. v., *Lophius* sp.; Mus. Dundee).—Stiles & Hass., 1894e, 341 (in A. *sapidissima*).—Stoss., 1890, 55; 1892, 70; 1896a, 51-52 (45-46) (in A. v., A. f., A. s.); 1897, 3-4; 1898, 68; 1901a, 89 (1) (larva in *Trachurus trachurus*; Trieste); 1902e, 4 (in *Lichia glauca*, *Serranus cabrilla*, S. scriba, *Corvina nigra*).—Wright, 1879, 21.—Zsch., 1896, 773, 776, 784, 816, 822, 824 (in A. v.).—Also reported for *Lophius piscatorius*, *Zeus faber*, *Atherina hepsetus*, *Atherinichthys microlepidotus*, *Trigla corax*, *Maena smaris*, *M. zebra*, *Citharus linguatula*, *Gobius jazo*, *Gadus morrhua*, *Labrax lupus*.
- æqualis* Dies., 1851a, 156 (so. *depressa*) (for *milvi filiformis æqualis* Frœl., 1802a, 34, 37-38, pl. 1 figs. 15-16) (in *Falco milvus*; by Gœze, 1782a, 85, 86; in *Magen des Sperbers*, by Frœl.).—Mol., 1861c, 280 (so. *dep.*).
- affinis* Oerley, 1885a, 102, 104, 108-109, pl. 9 figs. 5-6 (in *Mustelus lævis*; by Oerley); 1885b, 217-218 (in M. l.).—Barbag. & Drago, 1903, 417 (in M. vulg.; Catania).
- agilis* Wedl, 1861b, 467-468, 481, figs. 12-16 (in *Crocodylus vulg.*; Egypt).—Linst., 1904f, 4.—Stoss., 1896a, 21 (15) (in C. v.; Egypt).
- alata* Bellingh., 1839a, 103-104, figs. a-b (in *Homo*; Europe); 1839; v. 9, 280; 1844a, 173 (in H.; Ireland).—Aitken, 1866, 804, 843 (so. *mystax*); 1872, 152.—Anders, 1903a, 1249.—R. Bl., 1888a, 704 (so. *my.*), 709.—Braun, 1903a, 302; 1908a, 341; 1915a, 366.—Cast. & Chalm., 1910a, 444; 1913a, 547.—Cobbald, 1866a, 5; 1879b, 237-238.—Crep., 1849, 52.—Dav., 1877a, xcvi.—Dies., 1851a, 175, 560 (in H.).—Dungl., 1893a, 107, 820.—Duj., 1845a, 156.—Huber, 1896a, 588 (so. *my.*).—Küeh., 1855a, 464.—Leiper, 1907, BMJ, 1297 (in H.).—Leuck., 1868a, 258, 259, 260, 261.—Linst., 1878a, 1.—Nev.-Lem., 1912a, 671 (so. *Belascaris cati*).—Polonio, 1860d, 121-122 (in H.).—Rail. & Henry, 1911, 13 (so. B. *mystax*).—Shipley, 1896a (1901b), 140 (in H.); Sieb., 1840, v. 6 (2), 186.—Simon, 1897, 225.—Stoss., 1898, 67.—Ward, 1895a, 301 (so. *my.*), 342 (in *Canis* fam.), 330 (in H.); 1903, 223 (so. *canis*).—Weinl., 1858a, 88; 1859, 282.
- alata* Linst., 1883a, 278, pl. 6 fig. 3 [not Bellingh., 1839] (in a *Raubvogel*; *Turkestan*).
- alaudæ* Rud., 1819a, 54, 793 (in *Alauda trivialis*; C. E. V.).—Bennet & Olivier, 1826a, 14-15 (in A. *arvensis*).—Dies., 1851a, 192 (in *Anthus arboreus*).—Duj., 1845a, 170.

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- albicilla* Bennet & Olivier, 1826a, 13 (in *Falco milvus*) (for *albicillæ*).
albicillæ Gmel., 1790a, 3033 (in *Falco albicilla*; Bloch, 1782a, 31).—Dies., 1851a, 156 (so. depressa).—Mol., 1861c, 280.—Rud., 1809a, 143, 144 (so. d.).
albula Rud., 1809a, 202 (*Gordius lacustris* Kœlreuter renamed, *S. murænæ* Gmel.) (in *Salmo albula*); 1819a, 59, 793.—Dies., 1851a, 202–203 (s. *murænæ*, G. l.) (in *Coregonus marænula*; by Kœlreuter).—Duj., 1845a, 210.—Hofer, 1904a, 175, 228, 276 (in *C. albula*).
alca Müell., 1776a, 214 (in *Alca*); 1784, 106, 107, pl. 74 fig. 8; 1788b, 48–49, pl. 74 fig. 8.—Brug., 1792a, 131, 140.—Dies., 1851a, 336 (so. *Nematoideum alcæpicæ*).—Fabr., 1780a, 276.—Gmel., 1790a, 3045 (to *Echinor.*)—Herbst, 1787a, 27.—Lûche, 1905b, 165, 331.—Rud., 1809a, 306 (to *E.*).
alepocephali Linst., 1899b, 9, pl. 1 fig. 14 (in *Alepocephalus rostratus*; Nizza).
alienata Rud., 1819a, 661–662, 793 (in *Nasua rufa*; Brazil).—Cobbold, 1879b, 298.—Dies., 1851a, 155 (in *N. r.*; B.).—Duj., 1845a, 158–159.—Mol., 1861c, 279.—Stoss., 1896a, 14(8) (so. *mystax*); 1898, 67.—Also reported for *N. socialis*.
alienata Rud., of Leidy, 1851b, 205 (in *Mephitis americana*; Carlisle, Penn.); 1856b, 51 (in *M. chinga*) (so. *columnaris*); 1904a, 47, 51.—Dies., 1861a, 662.
ammocætis Linst., 1896i, 375 (in *Ammocætes branchialis*; Turin); 1898d, 760 (in *A. b.*).
ammodytis Rud., 1819a, 56 (in *Vipera ammodytes*; M. C. V.).—Dies., 1851a, 195 (in *Rhinechis a.*; M. C. V.).—Linst., 1903u, 268.—Stoss., 1896a, 76–77 (70–71) (in *R. a.*).
anatis Gmel., 1790a, 3033 (in *Anas boschas*; Bloch, 1779a, 552; Gœze, 1782a, 85).—Dies., 1851a, 170 (so. *infexa*).—Frœl., 1802a, 43 (s.? *boschatis*).—Mol., 1861c, 286 (so. *inf.*).—Rud., 1809a, 132, 133 (so. *inf.*).
anatis-cygnoides Dies., 1851a, 194 (in *Anas cygnoides*; by Barkow; Greifsw., quotes Crep., 1829b, 21).—Stoss., 1896a, 70 (64) (in *A. c.*; G.).
anceps Frœl., 1802a, 36–37 (in *Falco nisus*; by Frœl.).—Baird, 1853a, 10 (so. *Spiropt. leptoptera*).—Brems., 1811a, 14, 25.—Mol., 1860b, 953 (so. *S. l.*).—Rud., 1814a, 93; 1819a, 247, 248, 257 (so. *S. l.*).
andersoni Cobbold, 1876, 296–297, pl. 21 figs. 14–15 (in *squirrel sp.*; N. E. India).—Hall, 1916a, 52 (to *Subulura*).—Stoss., 1896a 67 (61) (in *Sciurus sp.*).
androphora Nitzsch, 1821a, 48–49 (to *Hedruris*) (in *Triton tæniatus*; Ing.).—Crep., 1839a, 281.—Dies., 1851a, 205 (to *H.*).—Duj., 1845a, 179.—Mol., 1861c, 293 to (*H.*).
anguilla Baird, 1853a, 23 (for *anguillæ*) (in *Anguilla acutirostris*).
anguillæ Gmel., 1790a, 3035 (in *Muræna anguilla*; quotes Redi, p. 86).—Abildg. in Müell., 1806a, 32, pl. 148 fig. D1–2 (in *Murena anguilla*; Helgoland).—Baird, 1853a, 23 (so. *labiata*).—Dies., 1851a, 162 (so. *lab.*).—Krøyer, 1846–53a, 639, 641 (in *Anguilla migratoria*).—Rud., 1809a, 173; 1814a, 91.—Stoss., 1896a, 46 (40) (so. *lab.*).
anguillæ Linst., 1899b, 9–10, pl. 1 figs. 12, 15 (s. *Nematoideum murænæ-anguillæ*) (in *Anguilla vulg.*; Berl.).—1909a, 55 (in *A. v.*).
angulata Rud., 1803a, 8 (in *Knorrhans*; by Rud.); 1809a, 152 (in *Cottus scorpius*; Greifsw.); 1819a, 44.—Bellingh., 1844a, 170 (in *Lophius piscatorius*; Ireland).—Crep., 1837a, 325.—Dies., 1851a, 186 (in *C. s.*, *L. p.*).—Duj., 1845a, 181.—Krøyer, 1838–40a, 138, 603 (in *C. s.*, *L. p.*).—Linst., 1880a, 42–43, pl. 3 figs. 4–5; 1901e, 272, 274; 1903u, 267; 1909 (15), 50, fig. 7 (in *Trutta salar*).—Mol., 1861c, 284.—Olfers, 1816a, 63.—Sieb., 1854, 33.—Stoss., 1896a, 51–52 (45–46) (in *C. s.*, *L. p.*).
angulivalvis Crep., 1851a, 158–160 (in *Balæna rostrata*; Bergen).—Cobbold, 1879b, 426.—Dies., 1861a, 656–657 (in *B. r.*).—Jægers., 1891a, 131–132 (in *Balænoptera rostrata*, *B. sibbaldii*).—Stiles & Hass., 1899a, 112, 121, 122, 123, 124, 126.—Stoss., 1896a, 17 (11) (so. *simplex*).
angusticollis Mol., 1860e, 336–337 (in *Falco haliaëtus*, *F. buteo*; M. C. V.).—Dies., 1861a, 658 (in *F. b.*, *F. h.*, M. C. V.).—Drasche, 1883b, 129, pl. 10 fig. 22–23.—Linst., 1909a, 50 fig. 8 (in *Pandion haliaëtus*).—Par., 1894a, 214.—Shipley, 1905i, 251–252 (in *Helotarsus ecaudatus*).—Stoss., 1889, 181; 1891, 110; 1896a, 21 (15), (in *Buteo vulg.*, *P. h.*, *H. albicilla*); 1898, 67.

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- ani* Schrank, 1788a, 12 (in *Wasserkroeten*; Goeze, 1782a, 435, pl. 35 figs. 7-10) (see *bufonis* 1790, not 1788).—Dies., 1851a, 152 (so. *acuminata*).—Rail. & Henry, 1916, CrSB, 249.—Rud., 1809a, 166 (so. *brevicaudata*).
- anoura* Duj., 1845a, 221-222 to (Polydelphis) (in *Python bivittatus*; Mus. Paris).—Crep., 1848, 166, pl. 6.—Dies., 1851a, 161 (in *Constrictor* b.; Stockh.), 559; 1861a, 658-659 (in *Coluber constrictor*, *Boa* c.).—Leidy, 1856b, 51 (in C. c.); 1886e, 312; 1891b, 236 (s. *attenuata* Duj., *A. rubicunda* Sch.) (in *Heterodon platyrhinus*, *Ophibolus triangulus*, *Python molurus*; by Leidy); 1904a, 96, 241-242.—Mol., 1861c, 282 (so. at.).—Smith, A. J., 1908, 266 (in *P. reticulatus*).—Stiles & Hass., 1899a, 106 (type of *Polydelphis*); 1894e, 341 (in *H. niger*, *O. sp.*, *P. molurus*).—Stoss., 1896a, 77 (71) (so. at.).—Also reported for *Bascanian* c., *C. lichtensteinii*, *Coryphodon* c., *P. tigris*, *Spilotes corais*.
- anterospiralis* Mol., 1860e, 337 (in *Felis concolor*; Caicara).—Dies., 1861a, 660 (in F. c.; Brazil).—Drasche, 1883b, 130, pl. 10 figs. 14-15.—Stoss., 1896a, 14 (8) (so. *mystax*); 1898, 67.
- anuligera* Crep., 1846a, 138 (in *Colymbus cristatus*, *C. minor*, *C. subcristatus*; by Crep. and Schill.).
- anura* Crep. in Retzius, 1848a, 166-173, pl. 6 figs. 1-6 (in *Python bivittatus*) (for *anoura*).—Schneid., 1866a, 255.—Stoss., 1896a, 77 (71) (so. *attenuata*).—Reported also for *P. tigris*.
- apiculigera* Jægers., 1898a, 738 (misprint for *spiculigera*).
- appendiculata* Stoss., 1897a, 4, figs. 2-3 (in *Brama rayi*, *Pelamys sarda*; Trieste, Istria); 1898, 72 (in *Brama rayi*, *Pelamys sarda*).
- applanata* Linst., 1899b, 5, pl. figs. 3-4 (in *Chamaeleo melleri*; German E. Africa).
- apri* Gmel., 1790a, 3032 (in *apri pulmone* [*Sus scrofa*]; Goeze, 1782a, 92, pl. 2 fig. 6).—Braun, 1903a, 292; 1908a, 325; 1915a, 344.—Brug., 1791a, 93, pl. 30 figs. 15-18.—Brumpt, 1910a, 471.—Cast. & Chalm., 1910a, 430; 1913a, 551.—Dies., 1851a, 317 (so. Str. *paradoxus*).—Rail., 1893a, 432.—Rud., 1809a, 246 (so. Str. suis).—Stoss., 1899, 90 (so. Str. p.).—Ward, 1895, 330 (see p.) (in *Homo*), 336 (in *Ovis aries*); 1903, 219 (so. Str.).
- apterycis* Chatin, 1885a, 38-39 (in *intest. Apteryx*; either Campbell Isl. or New Zealand); 1885b, 770-771 (in *A. mantelli*).—Stoss., 1896a, 70 (64) (in *A. australis*; N. Z.).
- aquilæ* Gmel., 1790a, 3033 (in *Falconis chrysaëti intest.*; Redi, 81).—Baird, 1853a, 6 (so. *Fil. attenuata*).—Rud., 1809a, 70 (to *Fil.*).
- aquillæ* S., F., & W., 1908a, 287, pl. 5 (in *Haliaëtus leucocephalus*; Phila. Zool. Gard.).—Smith, A. J., 1908a, 266 (in H. l.).
- arctica* Linst., 1880a, 42, pl. 3 figs. 2-3 (in *Diomedea leucops*; N. Pacific).—Stoss., 1896a, 18 (12) (in D. l.).
- arcuata* Linst., 1907, v. 3 (3), 252, pl. 6 fig. 3 (in *Astur* sp., *Falco peregrinus* Brandenburg, Berl. Zool. Gard. (? from China)).
- ardea* Fox, 1912, 36 (in *Ardea herodias*) (for *ardæe*?).
- ardæe* Frœl., 1802a, 44-45, pl. 1 figs. 17-18 (in *Ardea cinerea*; by Frœl.).—Dies., 1851a, 156 (so. *serpentulus*).
- ardæe* Dies., 1851a, 194 (in *Ardea cinerea*; Ireland, by Bellingh., 1844a, 174).—Stoss., 1896a, 70 (64) (in A. c.; I.).
- ardæe* n. sp. S., F., & W., 1908a, 287-288, pl. 6 (in *Ardea herodias*; Phila. Zool. Gard.).—Smith, A. J., 1908a, 266 (in A. h.).
- ardearum* Rud., 1819a, 55 (in *Ardea comata*, *A. purpurea*; lng.).—Dies., 1851a, 155 (so. *microcephala*).—Duj., 1845a, 172 (so. m.).—Mol., 1861c, 279 (so. m.).—Stoss., 1896a, 36 (30) (so. m.); 1898, 71.
- argentinae* Gmel., 1790a, 3037 (in *Argentina*; Redi, 88).—Dies., 1851a, 341 (so. *Nematoideum, argentinæ-sphyraenæ*).—Rud., 1810a, 379.
- argentinae* Rud., 1819a, 60, 303 (in *Argentina sphyraena*; Rome).—Carus, 1884, v. 1, 171.—Dies., 1851a, 203 (in *Scopelus humboldtii*; R.).—Duj., 1845a 210.—Par., 1894a, 217.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- asini-feri* Rud., 1809a, 125, see *lumbricoides (asini-feri)* (Asc.).
- aspidophori* Ben., 1871a, 34 (in *Aspidophorus europæus*; Belgium).—Stoss., 1896a, 83 (77) (in A. e.).

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- astrophidis major* Stoss., 1896a, 77 (71) (in *Astrophis tigris*).—See major *astrophidis-tigridis* Dies., 1851a, 195.
- astrophidis minor* Stoss., 1896a, 77 (71) (in *Astrophis tigris*).—See minor *astrophidis-tigridis* Dies., 1851a, 195.
- astrophidis-tigridis major* Dies., 1851a, 563.—Par., 1898b, 12.—See major *astrophidis-tigridis* Dies., 1851a, 195.—Reported for *Python tigris*.
- astrophidis-tigridis minor* Dies., 1851a, 563.—Par., 1898b, 12 (in *Python tigris*).—See minor *astrophidis-tigridis* Dies., 1851a, 195.
- asus* Müell., 1880, 194 (for *acus*).
- atak* Müell., 1776a, 214.—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Herbst, 1787a, 27.—Rud., 1809a, 119.
- atherinæ* Rud., 1819a, 60, 303 (in *Atherina hepsetus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 204 (in A. h.; N.).—Duj., 1845a, 183.—Par., 1894a, 219.—Stoss., 1896a, 83(77) (in A. h.; N.).
- attenuata* Mol., 1858d, 147 (in *Python tigris*; Padua); 1861c, 282 (in *P. bivittatus*, P. t.).—Dies., 1861a, 659 (in P. t.; P.); 1861c, 276.—Leidy, 1891b, 236 (=anoura).—Linst., 1899b, 6, pl. 1 figs. 5–6 (in *Coluber cobella*, P. sp., P. molurus, *Vipera arietans*); 1901b, 409, 414 (in P. sp., P. natalensis); 1901e, 271; 1902d, 31; 1903k, 109; 1908, Rlm, v. 2 (1), 109 (in P. m.; India).—Par., 1898b, 12 (=anoura).—Sambon, 1908, 35.—Shipley, 1905k, 96, 102 (in P. m., P. t., ?P. sp.; Mus. Dundee).—Stoss., 1896a, 77 (71) (in *Boa constrictor*, *Constrictor bivittatus*, P. t.); 1901, 89 (1) (in P. sp. at Madras, P. reticulatus).
- aucta* Rud., 1802a, 26–27 (in *Blennius viviparus*; by Rud.); 1809a, 175–176 (s. *acus*, *blennii*) (in B. v.); 1819a, 50, 655.—Baird, 1853a, 21.—Cobbold, 1858b, 157 (in B. v.).—Dies., 1851a, 161 (in *Zoarces viviparus*; Greifsw.).—Duj., 1845a, 183.—Krøyer, 1838–40a, 368 (in Z. v.).—Leuck., 1867b, 124.—Linst., 1901e, 273; 1903u, 267.—Müeh., 1898b, 44.—Olfers, 1816a, 64.—Schneid., 1866a, 47–48, pl. 2 figs. 8, 13–14 (in B. v.; Ostsee).—Schneid., 1911, 16 (in Z. v.).—Sieb., 1854, 33.—Stoss., 1896a, 46–47 (40–41) (in B. v.; Greifsw.).
- auriculata* Stoss., 1896a, 42(36) for *auriculata* (in *Opheomorphus miliaris*; Brazil).
- auriculata* Rud., 1819a, 655 (in *Coluber* sp.; Brazil).—Dies., 1851a, 185 (in *Opheomorphus miliaris*; B.).—Duj., 1845a, 178.—Jægers., 1897b, 20.—Schneid., 1866a, 46 (in *Coluber*; B.).—Stoss., 1896a, 42 (36) (*auriculata*) (in O. m.; B.).
- aurita* Linst., 1879a, 168–169, pl. 11 figs. 9–10 (in *Anous melanogenys*; Madagascar).—Stoss., 1896a, 42(36) (in A. m.; M.).
- ausculata* Sieb., 1854, 125 (probably misprint for *osculata*).
- australis* Linst., 1898c, 282, fig. 4 (in *Baza bismarcki*, *Ninox odiosa*; Ralum, Bismarck Archipelago).
- avis* Luckey, 1908, 32, fig. 16 (misprint for *ovis*).
- bacillum* Schlotthauber, 1860a, 127 nomen nudum except for host (in *Cuculus canorus*; by Schlotth.).
- balisticola* Linst., 1905bb, 185 (in *Balistes mitis*, B. stellatus; Ceylon).
- balistes* Linst., 1905bb, 184 (in *Balistes mitis*, B. stellatus; Ceylon).
- barbatulæ* Rud., 1819a, 59 (in *Cobitis barbatula*; C. E. V.).—Dies., 1851a, 202 (in C. b.; M. C. V.).—Duj., 1845a, 186.—Hofer, 1904a, 228 (in C. b.).—Stoss., 1896a, 77 (in C. b.).
- belones-vulgaris* (Dies., 1861) Stoss., 1896a, 55 (49) (in *Belone vulg.*; Trieste, Wedl, 1855a, 386, 394, fig. 23); 1898, 73.—Barbag. & Drago, 1903, 416 (in B. acus; Catania).
- bicolor* Rud., 1793a, 13–14 (in *Perca fluviatilis*; by Rud.); 1809a, 173 (so. *truncatula*).—Dies., 1851a, 162 (so. t.).
- bicolor* Baird, 1868a, 71, figs. A–C. (in *Trichechus rosmarus*; Brit. Mus.).—Baylis, 1916, 373 (renamed *rosmani*), 411 (in *Odobenus rosmarus*).—Rail. & Henry, 1907, 1.—Stiles & Hass., 1899a, 101, 108, 109, 111, 138–142 (in O. r.).—Stoss., 1896a, 61 (in T. r.).—Zool. Rec., 1868, 554.
- bicuspis* Wedl, 1855a, 388–389, 395, figs. 29–32 (in *Scyllium catulus*; by Wedl).—Oerley, 1885a, 107 (to *Acanthocheilus*).
- bidentata* Linst., 1899b, 7, pl. 1 fig. 10 (in *Acipenser ruthenus*; Budapest); 1901e, 272.

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- bifaria* Baird, 1853a, 26. pl. 1 fig. 2 (host unknown; Corea); [1853b], 19; 1855, 70.—Baylis, 1916, 411, 412, 413.—Dies., 1861a, 661 (Brit. Mus.).
- bifida* Fab., 1780a, 273 (s. Gord. atak) (in *Phoca groenlandica*; Greenland); 1790, 155 (s. phocæ).—Brug., 1792a, 131, 138.—Duj., 1845a, 274 (so. Ophiost. dispar).—Lam., 1861a, 340 (to Proboscidea).—Müll., 1784a, 102, pl. 74 fig. 3; 1788b, 47, 49, pl. 7 fig. 3 (in P. g.).—Nordm., 1840a, 657 (so. Fissula phocæ).—Rud., 1809a, 119, 311.—Stiles & Hass., 1899a, 105.
- biloba* Linst., 1888a (b), 5–6, pl. 1 figs. 8–9 (host unknown; Straits of Magellan).—Stoss., 1896a (b), 35 (29).
- biuncinata* Mol., 1858d, 148 (in *Zeus faber*; Padua); 1861c, 285–286, pl. 11 (in Z. f.; P.).—Carus, 1884, v. 1, 170.—Dies., 1861a, 660 (in Z. f.; P.); 1861c, 276.—Drasche, 1883, v. 32, pl. 10 fig. 19.—Jägers., 1897, 19; 1898a, 739.—Linst., 1899b, 9.—Par., 1899a, 13; 1899b, 97 (so. fabri); 1902 b, 14 (so. f.).—Shipley, 1905k, 95 (so. adunca).—Stoss., 1887, 187; 1896a, 40 (34) (so. f.); 1898, 68.
- blennii* Gmel., 1790a, 3036 (in *Blennii vivipari* intest.; Müll., 216).—Dies., 1851a, 161 (so. aucta).—Rud., 1793a, 14; 1809a, 176.—Stoss., 1896a, 46 (40) (so. a.).
- boa* Schrank, 1790a, 120 (in intest. Lucii; teste Schrank); 1803, 195.—Dies., 1851a, 186 (so. acus).—Rud., 1809a, 150 (so. a.).
- boddaërtii* Baird, 1861a, 228–229 (in *Herpetodryas boddaërtii*; West Indies).—Baylis, 1916, 411, 412 (in H. b.; W. I.).—Dies., 1861c, 277.—Stoss., 1896a, 78, (72) (in H. b.).
- boopis* Rud., 1819a, 58, 301, 793 (in *Sparus boops*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 200 (in *Box vulg.*; M. C. V.).—Duj., 1845a, 182.—Par., 1894a, 216.—Stoss., 1896a, 83 (77) (in B. v.; R.).—Also reported for *Box boops*.
- boschadis* Schrank, 1803b, 200 (in den Gedärmen der Aente; lng.).
- boschatis* Frøel., 1802a, 43–44 (s. ? anatis 1790) (in *Wildente*; by Frøel.).
- bovis* Bail., 1866b, 34 (in *Bos taurus*; by Bail.).—Armatage, 1895, 464.—Barnett, 1865a, 236–237 (in cow).—Campb. & Lacr., 1907, 69.—Descomps, 1878a, 542–543.—Haslam, 1895a, 153–157 (in B. t.).
- brachycheilos* Linst., 1906 Jan., 165–166, pl. 3 fig. 48 (in *Tropidonotus asperimus*; Colombo, Spain.).
- brachyoptera* Rud., 1819a, 41, 275–276 (in *Viverra genetia*; M. V., Algeciras).—R. Bl., 1888a, 704, 709 (so. mystax).—Cobbald, 1879b, 298, 299.—Dies., 1851a, 182 (in V. g. at Algeciras; *Nasua narica* in Brazil).—Dewitz, 1892b, 147.—Duj., 1845a, 162.—Gerv., [1847a], 87.—Linst., 1878a, 1 (so. my.).—Schneid., 1866a, 38, 39 (so. ?my.).—Stoss., 1896a, 14 (8) (so. my.); 1898, 67.—Ward, 1895a, 330 (so. ?my.) (in *Homo*).
- brachyura* Linst., 1904f, 3, pl. 1 fig. 3 (in *Calotes versicolor*; Colombo).
- bramæ* Ben., 1871a, 44 (in stom. *Brama raii*; Belgium).—Barbag. & Drago, 1903, 417 (in B. r.; Catania).—Stoss., 1896a, 84 (78) (in B. r.).
- brevicapitata* Lint., 1901b, 410, 425, pl. 3 figs. 19–22 (in *Galeocerdo tigrinus*; Woods Hole); 1905d, 328, 330, 339, pl. 4 figs. 22, 23 (in *Carcharinus obscurus*; Beaufort).
- brevicauda* Linst., 1909a, 49, fig. 2 (in *Triton tæniatus*; lng.).—Seur., 1917, CrSB, 97 (30) (in *Molge vulg.*).
- brevicauda* (Zed., 1800) Rud., 1802a, 28 (in *Rana bufo*); 1809a, 137, 165–167 (s. bufonis, ani), 199 (in R. b., *Anguis fragilis*); 1819a, 47, 283–284 (in A. f., B. cinereus, B. viridis, B. igneus, B. fuscus, *Coluber natrix*, *Salamandra atra*, *S. maculata*, *S. maculosa*) 596, 763.—Bellingsh., 1844a, 171.—Dies., 1851a, 152 (*Bufo*is viridis so. commutata), 153 (so. acuminata).—Duj., 1845a, 176, 228–230, pl. 5, fig. E (in A. f., B. f., B. c., B. i., B. v., C. n., *Rana temp.*, S. m., S. a.).—Koell., 1843a, 110, 117.—Martini, 1906a, 706.—Mayer, 1841a, 16, 26.—Nitzsch, 1821a, 48.—Oken, 1815a, 199 (in A. f., R. b.).—Rail. & Henry, 1916, CrSB., 248.—Schneid., 1866a, 30, 66, 114.—Sieb., 1835, 79.—Stoss., 1898, 80.—Also reported for *Bufo vulg.*
- bronchialis* Gmel., 1790a, 3031 (in *Martius pulmonibus*; Werner, 9, pl. 8 figs. 20–21).—Duj., 1845a, 47.—Mol., 1858a, 162 (so. Fil. mustelarum (pulmonalis)); 1858c, 419.—Rud., 1793a, 11.
- bronchiorum suis* Modeer, 1791a, 75–83 [nv.].—Dies., 1851a, 317–318 (so. Str. paradoxus).—Rud., 1809a, 246 (so. Str. suis).
- bubonis* Frøel., 1802a, 39–40, pl. 1 figs. 13–14 (in *Strix bubo*; probably by Frøel.).

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- bufonis* Schrank, 1788a, 11 (lungs of Wasserkroeten; Germany, Goeze, 1782a, 95, pl. 5 figs. 6-17).—Gmel., 1790a, 3035 (renamed *pulmonalis*).—Goeze, 1800 (renamed *nigrovenosa*).—Rud., 1809a, 147 (so. n.).—Stiles & Hass., 1905 [type of *Rhabdias*].
- bufonis* Gmel., 1790a, 3035 [not of Schrank, 1788] (in *Rana bufo*; Goeze, 1782a, 93, 94, pl. 4 figs. 1-3 [=tenuissima Schrank] and 435, pl. 35 figs. 7-10 [=ani Schrank, 1788]).—Bennet & Olivier, 1826a, 16.—Brug., 1791a, 95, pl. 32 fig. 1-3 (in *R. b.*).—Dies., 1851a, 152 (of Goeze, 1782a, pl. 35 figs. 7-10 (so. *acuminata*), 314 (so. *Str. auricularis*).—Duj., 1845a, 131 (so. *Str. a.*).—Rud., 1802a, 41 (so. *Str. a.*); 1809a, 165 (so. *brevicaudata*), 223 (so. *Str. a.*).—Stoss., 1899d, 81 (so. *Str. a.*).—Zed., 1800a, 80 (so. *Str. a.*).—See also *tenuissima* and *ani* 1788.
- bufonum* Rud., 1809a, 147 (in *Rana bufo*; Goeze, 1782a, 95, pl. 5 fig. 6-17) (so. *nigrovenosa*).—See *bufonis* Schrank.
- bulbosa* Cobb, 1888a (b), 17, 19-24 (59-64), pl. 3 figs. 29-30 (in *Phoca barbata*; N. Eismeer); 1889b, 150 pl. 7 figs. 7-8 (in *P. b.*).—Ariola, 1914, 69.—Jægers., 1898a, 738 (so. ? *decipiens*).—Stiles & Hass., 1899a, 109, 110, 111, 112, 157.—Stoss., 1896a, 38 (32), (so. *osculata*).—Also reported for *Erignathus barbatus*.
- buteonis* Gmel., 1790a, 3033 (in intest. *Falco butec*; Goeze, 1782a, 85).—Dies., 1851a, 156 (of Frøel. [i. e. *bubonis*], so. *depressa*).—Mol., 1861c, 280 (of Frøel., so. *depr.*).—Rud., 1802a, 26 (so. *spiralis*); 1809a, 144, 190.
- caniculæ* Schrank, 1788a, 10 (in *Canis* fam.; Hermann, 1783a, 42, pl. 2 fig. 4); 1803, 196.—R. Bl., 1888a, 704 (so. *mystax*).—Dies., 1851a, 181 (so. *marginata*).—Rud., 1809a, 138 (so. *marg.*).—Schneidem., 1896a, 322 (*Askaris canikuli*).—Ward, 1895a, 301 (so. *my.*); 1903, 223 (so. *canis*).
- caniculi* Braun, 1903a, 302 (so. *canis*), 354 (for *caniculæ* S.); 1908, 341.
- canikuli* Schneidem., 1896a, 322 (for *caniculæ* Schrank) (*Askaris*).
- canis* Schrank, 1788a, 7, 8 (in kidney of dog; Redi, 308, pl. 8).—Anacker, 1891e, 407 (so. *Eustr. gigas*).—R. Bl., 1888a, 727 (so. *Eustr. g.*).—Braun, 1903a, 290; 1908a, 324, 341; 1915a, 329.—Brumpt, 1910a, 47½ (so. *E. visc.*); 1913a, 534.—Cast. & Chalm., 1910a, 429.—Dies., 1851a, 327 (so. *E. g.*).—Duj., 1845a, 113 (so. *Str. g.*).—Neum. & Mayer, 1914a, 445.—Rud., 1809a, 211 (so. *Str. g.*).—Ward, 1895a, 333 (in *Bos taurus*), 342 (in *Canis* fam.), 302 (so. *Diocotophyme g.*), 339 (in *Equus* cab.), 330 (in *Homo*); 1903, 220 (so. *D. renale*).
- canis* (Werner, 1782) Gmel., 1790a, 3030-3031 (in intest., *Canis* fam.).—A., K., & G., 1904, Dec. 1, 92 (in *Homo*; Porto Rico).—Barile, 1912, (9); 1912, v. 51, 377.—Bennet & Olivier, 1826a, 9.—Bilek, 1910, (2), 170.—R. Bl., 1888a, 704 (so. *mystax*); 1891t, 483-484; 1895, 751; 1900g, 486; 1903, AdP, v. 7, 483.—Braun, 1906a, 336-337, figs. 219-220; 1908a, 341, figs. 280, 231; 1915a, 367 (of Glaue, 1909, so. *limbata*).—Braun & Luehe, 1909a, 89 (s. *my.*), 90, 91 (in *cats*), figs. 28, 40; 1910a, 96, 112, 113, 120, fig. 28 (s. *my.*).—Brumpt, 1910a, 348.—Cast. & Chalm., 1910a, 443; 1913a, 546, 562.—Cat. RCSI, 1830, 42 (so. *marginata*).—Daniels, 1910a, 155; 1914a, 74, 169 (so. *my.*).—Dies., 1851a, 181 (so. *marg.*).—Fiebiger, 1912a, 296, figs. 216, 217 (in *cat*, *dog*).—French, 1900a, 292 (in *dog*).—Galli-Val., 1901c, 363 (in *C. fam.*); 1902h, 286, 287; 1907, 224 (in *C. f.*; Kairouan); 1908, 610.—Glaue, 1909, ZA, v. 33, 785-790 (and *felis*); 1909, v. 32, 64; 1909, (4), 463; 1910, v. 95, 551-593, 26 figs. (and *felis*); 1910, ZA, 744, 746, 748, 749, 750, 751, 753, 754, 755, 756, 757.—Guiart, 1910a, 369 (in *cat*, *dog*, *Homo*; Eng., Germany, Greenland, U. S.).—Hempelm., 1912a, 108.—Jeffreys, 1908, 100, pl. 2 fig. C.—Kaltenbach, 1915, 525.—Koch, 1910, 113, 122.—Leiper, 1907, BMJ, 1296; 1911, PZSL, 620-621 (in *wolf*).—Lellm., 1896a, 357-360; 1898a, 30-31.—Lukjanow, 1890a, 41 (in *C. fam.*).—Marcus, 1906b, 441-490, 2 pls. 10 figs. (egg and sperm); 1906, ZC, v. 13 (19-20), 610-611; 1906, JRMS, 671.—Martin, 1913, v. 18 (1-2), 3, 30-31, 35, 40, 41, 43, 45, 46, 48, 49, 64, 66, 100, 115, 127, 134, 141, 143.—Mayer, 1908, 505, 519, 524, 531.—Mordw., 1908, v. 13 (1-2), 183, 187, 188.—Neum. & Mayer, 1914a, 451.—Nev.-Lem., 1902a, 95, 98, 99 (s. *my.*); 1904a, 97, 100, 101; 1906a, 263, 264, figs. A-D; 1908a, 430.—Nordm., 1840a, 655 (so. *marg.*).—Oliver, 1878, 354.—Pratt, 1916a, 225.—Rail & Henry, 1911, 15 (of Glaue, so. *Toxascaris limbata*).—Rud., 1793a, 10-11 (s. *vulpis*); 1809a, 138 (so. *marg.*).—Russell, 1873, 21-22.—Schoeppler & Krüger, 1912, CbB, v. 62 (1-2), 143-146.—Setti, 1893, v. 4, 15; 1893a, 20 (in *Herpestes albicauda*).—Sl. & Sw., 1912a, 317, 318, 401, fig. 181.—Smith, 1908a, 265-266 (in *Felis jaguarundi*, *C. dom. sinensis*).—S., F., & W., 1908a, 285-286.—Stiles, 1914; MM, v. 2, 288.—Stiles & Hass., 1894e, 339 (s. *my.*) (in *C. fam.*, *F. dom.*, *Lynx*

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canadensis).—Stitt, 1910a, 232, 245; 1916a, 331.—Stoss., 1896a, 14 (8) (so. my.); 1898, 67.—Verdun, 1907, 325, fig. 122.—Walton, 1916, v. 52 (5), [253]–266 pls. 1–2, figs. 1–16 (refractive body, mitochromidia); 1916, 1–17; 1916, 364–372, figs. A–F, 1–12 (and felis); 1916, 39, 40, 41, figs. 2, 4, 6.—Ward, 1903, 223, figs. 35–68 (s. teres, cati, caniculæ, felis, tricuspidata, wernerii, my., marg., alata).—Wilkins, 1878, 353–354.

canis-aurei Rud., 1819a, 53 (in C. aureus; C. E. V.).—R. Bl., 1888a, 704 (so. mystax).—Dies., 1851a, 181 (so. marginata).—Stoss., 1896a, 14 (8) (so. my.).

canis felis (Gmel. 1790) Werner of Galli-Val., 1901c, 363 (in Felis catus).—Ward, 1903, 223 (so. canis).

canis-lagopodis Viborg, 1795, 235 [nv.].—Rud., 1809a, 194 (in C. lagopus); 1819a, 53.—Dies., 1851a, 188 (in C. l.).—Stoss., 1896a, 14 (8) (so. mystax).

capillaris Schrank, 1790a, 121 (in Silurus glanis; teste Schrank); 1803, 201.—Dies., 1851a, 176 (so. mucronata).—Rud., 1809a, 186 (so. m.).

caprimulgi Rud., 1819a, 55 (in Caprimulgus europæus; C. E. V.).—Dies., 1851a, 173 (so. subulata).—Stoss., 1896a, 76 (70).

capsularia Rud., 1802a, 27–28 (s. Capsularia salaris (in Lachs; by Rud.); 1809a, 179–180 (s. C. s., C. lacustris salaris, C. s., C. trinodosa) (in Salmo salar; Greifsw.), 204; 1819a, 50–51.—Barbag. & Drago, 1903, 416 (in Auxis bisus, Conger vulg., Lepidopus argyreus, Merlucius vulg., Scomber colias, Saurus fasciatus, Trachurus trachurus, Trigla corax; Catania).—Baird, 1853a, 22.—Baylis, 1916, P, 360, 361, 362–365, 366, 369–370, pl. 14 figs. 1–3, pl. 16 figs. 1–2.—Bellingsh., 1844a, 169, 172.—R. Bl., 1889d, 706 (s. Spiropt. hominis, Fil. piscium).—Braun, 1891e, 111.—Crep., 1846b, 166 (s. Fil. p., Caps. trinodosa).—Dies., 1851a, 163 (s. Cucullanus salaris, C. lacustris s., Caps. s., Caps. t.) (in Cyclopterus rufus, M. v., Merlangus communis, S. s.).—Duj., 1845a, 187–188, 190, 192, 205.—Edelmann, 1902, 1903, 304.—Guiart, 1910o, 596.—Hofer, 1904a, 228, 271, 284 (in Alosa vulg., Esox lucius, Trutta salar).—Krøyer, 1838–40a, 606, 608, 613; 1843–45a, 581 (in Cyclopterus lumpus, M. v., Solea vulg.).—Linst., 1878b, 236–237, pl. 8 fig. 23; 1880a, 45; 1884a, 127, pl. 7 figs. 4–7 (s. Agam. caps., larva of Asc. incurva); 1899b, 9, pl. 1 fig. 13 (in Trigla gurnardus; Berl.); 1901e, 274–275; 1903u, 274; 1909a, 55 (in Alosa vulg., Acipenser sturio, Esox lucius, Trutta salar).—Lint., 1901, 410, 444, 456, 476.—M^{intosh}, 1864a, 153 (in S. s.).—Mol., 1861c, 283.—Mont., 1889d, 71 (in Merluzzo; Porto Huite, Chile).—Nicolls, 1907, 71, 72 (in Cottus bubalis, Hippoglossus vulg., Motella mustela, Pleuronectes limanda).—Nordm., 1832a, 25.—Oerley, 1885a, 104.—Oken, 1815a, 200.—Olfers, 1816a, 31, 64.—Owen, 1835a, 318.—Par., 1887c, 493; 1894a, 218; 1899a, 14 to (Agamonea); 1899b, 98 (in Conger vulg., Trigla corax; Portoferraio).—Pavesi, 1881a, 295, 297.—Pavoni, 1906a, 215–220, pl. 1 figs. 1–4.—Sambon, 1908, 35.—Seur., 1916, 353.—Shipley, 1905i, 252 (in Lepidopus caudatus).—Stiles & Hass., 1899, 107, 116, 117, 119, 120, 138, 164.—Stiles, 1907, 526 (as a spurious parasite).—Stoss., 1887, v. 9, 188; 1892, v. 7, 71; 1893, v. 14, 84; 1896, 121; 1896a, 55–58 (49–52) (in Arnoglossus laterna, Acanthias vulg., Acipenser sturio, Aulopus filamentosus, Alosa vulg., Belone acus, Cottus scorpio, Centriscus scolopax, Cyclopterus rufus, C. lumpus, Centropristis nigricans, Clupea harengus, Conger v., E. l. Fierasfer acus, Gadus minutus, G. luscus, G. morrhua, Galeus canis, Hippoglossus v., Labrus luscus, Lepidopus caudatus, Lophius piscatorius, Lota molva, Merlucius escul., Motella mustela, Ophidium barbatum, Phocæna com., Platessa limanda, Pleuronectes linguatula, Rhombus maximus, Ruvettus pretiosus, Saurus griseus, Sciæna aquila, Scomber scombrus, Scopelus humboldti, Solea monochir, Sparus spica, Syngnathus acus, Trachinus draco, Trigla gurnardus, Trigla lyra, T. s., Umbrina cirrhosa, Zeus faber); 1897, 4; 1898, 73; 1901, 90 (1) (in Trachinus vipera, Trachurus trachurus; Trieste).—Tosh, 1905, 115.—Zsch., 1884, 6, 12, 71–72, 73 (in Lota vulg.); 1891, (21), 24; 1896, 773, 776 (in S. s.); 1903, 132, 136, 139, 140, 142, 144 (in Lota v.).—Zsch. & Heitz, 1914, 229–230 (in Oncorhynchus tshawytscha, O. nerca, O. keta; Kamschatka).—Also reported for Aphanopus carbo, Drepanopsetta platessoides, Gadus callarias, G. virens, Lophius budegassa, Merlucius valpariso, Sebastes norvegicus.

capsularis Criv., 1845a, 5 (for capsularia) (so. Filocapsularia com.).—Anacker, 1893i, 344.—Cobbold, 1875e, 244.—Edelmann, 1902, 1903, 304; 1914, 404; 1915, 194; 1916, 373.—Leuck., 1867b, 98.—Sieb., 1854b, 33.—Tremel, 1900a, (22), 361–362 (in Kabljau); 1900b, 220–221 (in K.); 1901a, 139.

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- carbonis* Turton, 1807a, 125 (in *Pelecanus carbo*; Gr. Brit.).—Baird, 1853, 25 (so. spiculigera).
- carpionis* Linst., 1878b, 240 (larva in *Cyprinus carpio*; Ing.); 1887d, 107 (in [C. f.]; 1909a, 54.—Hofer, 1904a, 228 (in C. c.).—Stoss., 1896a, 52 (in C. c.; Hameln).
- casta* Stoss., 1902d (e), 66 (6) (in *Salminus maxillosus*; Alto-Parana).
- castoris* Rud., 1809a, 195 (in *Castor fiber*; Perrault & Charras, 1757, 168); 1819a, 154 (in C. f.).—Cobbold, 1879b, 317.—Dies., 1851a, 189–190 (in C. f.; Paris, Wien).—Duj., 1845a, 165.—Hall, 1916a, 40–41 (in C. f.).—Linst., 1909a, 53 (in C. f.).—Stoss., 1896a, 67 (61), (in C. f.).
- cati* Schrank, 1788a, 8 (*Felis dom.*; [Europe], Goeze, 1782a, 79, pl. 1 fig. 5); 1803, 194.—R. Bl., 1888a, 704 (so. mystax).—Bennet & Olivier, 1826a, 11 (in F. d.).—Braun, 1903a, 302; 1908a, 341.—Dies., 1851a, 180 (so. m.).—Rud., 1809a, 140 (so. m.), 236.—Schneidem., 1896a, 322 (*Ascaris kati*).—Ward, 1895a, 301 (so. m.) 330 (in *Homo*), 342 (in *Canis fam.*); 1903, 223 (so. *canis*).
- centridermichthys* Linst., 1903u, 275 (in *Centridermichthys uncinatus*; Murman Coast); 1904a, 11 (in C. u.).
- centrisci* Rud., 1819a, 57, 299 (in *Centriscus scolopax*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 197 (in C. s.; Nap.).—Duj., 1845a, 185.—Froel., 1789a, 141.—Par., 1894a, 219.—Stoss., 1896a, 56 (50) (so. capsularia).
- cephaloptera* Rud., 1819a, 52–53, 295, 663 (in *Vipera redii*; Florence).—Dies., 1851a, 176 (in *Elaphe quadrilineata*, V. r.).—Duj., 1845a, 177 (in *Coluber quad.*).—Linst., 1889a, 63, 64 (in *Clotho arientans*, *Tropidonotus fasciatus*); 1909a, 53 (in *T. natrix*).—Par., 1894a, 216; 1896, 5.—Stoss., 1896a, 78 (72) (in *Elaphe quad.*, *Vipera aspis*; Firenze); 1904b, 1 (in *Vipera ammodytes*; Istria).
- cervi* Schrank, 1803b, 196 (in den Därmen des Hirsches; by Schreiner).
- ceylanica* Linst., 1904f, 2–3 [92–93], pl. 1 fig. 2, see also *ceylonica* and *zeylanica* (in *Haliastur indus*, *Poliaëtus ichthyætus*; Colombo, Kalpitiya).
- ceylonica* Linst., 1907 Apr., 165 for *ceylanica* (in *Haliastur indus*; Ceylon).
- charadrii* Dies., 1851a, 194 (in *Charadrius hiaticula*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 70 (64) (in C. h.; I.).—Also reported for *Aegialites hiaticula*.
- charadriorum* Rud., 1819a, 55 (in *Charadrius himantopus*, *C. morinellus*, *C. ædicnemus*, *C. pluvialis*; C. E. V.).—Dies., 1851a, 159 (so. heteroura).—Stoss., 1896a, 34 (28) (so. ensicaudata); 1898, 70.
- chelonix* Chiaje, 1823, 68, 72, pl. 2, fig. 27 (in *Chelonia mydas*) [nv.].—Dies., 1851a, 195–196 (in C. m.).—Stoss., 1896a, 78 (72) (in C. m.).
- chiajei* Polonio, 1859 [nv.].—Par., 1894a, 216 (in *Chelone mydas*; Padua).
- ciconix* Rud., 1819a, 55, 298 (in *Ardea ciconia*, C. E. V.; *A. nigra*, by Rosa).—Dies., 1851a, 155 (so. *microcephala*).—Duj., 1845a, 172.—Mol., 1861c, 279 (so. m.).—Stoss., 1896a, 36 (30) (so. m.); 1898, 71.
- ciconix-albæ* Wedl, 1856a, 36, 66, pl. 1 fig. 5 (in *Ciconia alba*; by Wedl).—Stoss., 1896a, 71 (65).
- circularis* Linst., 1907, 251, pl. 6 fig. 1 (in *Pristis antiquorum*; Kamerun).
- circumflexa* Mol., 1858d, 145 (in *Felis pardus*; Padua); 1861c, 279.—Dies., 1861a, 644 (in F. p.; P.); 1861c, 277.—Stoss., 1896a, 14 (8) (so. mystax); 1898, 67.
- clava* Linst., 1906, v. 47, 111, figs. 1–2 (in *Aquila clanga*; Memel).
- clavata* Rud., 1809a, 183–184, 187 (*gadi* Müell. & Fabr. renamed) (in *Gadus barbatus*; by Fabr.); 1819a, 51, 293–294 (in *G. merlangus*, *G. æglefinus*).—Baird, 1853a, 25.—Barbag. & Drago, 1903, 415–416 (in *Conger vulg.*, *Merlucius vulg.*; Catania).—Bellingh., 1844a, 173 (Ireland).—Braun, (1891e), 110.—Carnoy, [1887b], 247–324, figs; 1888a, 43.—Carus, 1884, v. 1, 170.—Cobbold, 1858b, 159.—Crep., 1844a, 130; 1846a, 149.—Dies., 1851a, 176–177 (in *Conger v.*, *G. morrhua*, *G. callarias*, *G. æglefinus*, *Merlangus communis*, *M. pollachius*, *M. carbonarius*, *Salmo trutta*, *S. salar*, *Scomber scombrus*); 1861a, 664 (in *G. merlucius*, at Padua, *Morrhua pruinosa* at Boston, *M. americana* at Phila.); 1861c, 277.—Duj., 1845a, 205, 211–212 (in *Gadus carbonarius*, *G. pollachius*, *G. merlangus*, *G. æg.*, *G. mor.*, *G. merl.*, *Murena conger*, *S. salar*, *S. trutta*).—Hofer, 1904a, 228, 271 (in *Trutta trutta*, *T. salar*).—Jægers., 1893a, 39–43, pl. 1 fig. 7, pl. 2 fig. 15; 1894b, 454, 486, fig. 7, 15, 30; 1898a, 738, 739, 741, 788, 789, fig. 4; 1909, 8.—Krøyer., 1838–40a, 595, 605, 606,

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clavata—continued.

608, 615: 1843-45a, 41, 60; 1852-53a, 1226 (in *Anguilla conger*, *Gadus æg.*, *G. mor.*, *Merluccius v.*, *Merlangus v.*, *S. salar*, *S. trutta*, *Scomber scombrus*).—*Lam.*, 1816, 209; 1840a, 656.—*Leidy*, 1856b, 52.—*Linst.*, 1880a, 43-44, pl. 3 figs. 6-7; 1890d, 179; 1901e, 272, 274; 1903u, 266, 275; 1909v, 51, fig. 9 (in *Trutta salar*, *T. trutta*).—*Lint.*, 1900a, 269, 283, 302, pl. 43 figs. 105-108; 1901b, 410, 438, 444, 446, 474, 475, 476 (in *Gadus callarias*, *Pollachius virens*, *Scomberomorus maculatus*).—*Looss*, 1901a, 58.—*Martini*, 1906a, 700.—*Mœbius*, 1874, 258 (in *G. mor.*).—*Mol.*, 1858d, 149; 1861c, 288 (in *Conger conger*, *Gadus m.*, *G. æg.*, *G. callarias*, *G. merl.*, *Merlangus pollachius*, *M. communis*, *M. carbonarius*, *S. trutta*, *S. s.*).—*Mûeh.*, 1898b, 44.—*Nicoll*, 1907a, 71 (in *G. æg.*, *G. merl.*); 1910, v. 3, 325.—*Nordm.*, 1840a, 656 (in *G. barbatus*).—*Olfers*, 1816a, 65.—*Olss.*, 1869b, 499, 514.—*Par.*, 1894a, 219.—*Risso*, 1826, 260.—*Stiles & Hass.*, 1894e, 341 (in *G. callarias*, *G. tomcod*).—*Shipley*, 1905k, 96, 102 (in *G. æg.*, *G. mor.*; *Mus. Dundee*).—*Stoss.*, 1892, v. 7, 70; 1896a, 41-42 (35-36) (in *Conger v.*, *G. a.*, *G. c.*, *G. m.*, *Morrhua pruinosa*, *M. americana*, *Merlangus v.*, *M. carbonarius*, *M. pollachius*, *Merluccius escul.*, *Molva v.*, *Scomber scomber*, *Trutta s.*, *T. t.*); 1898, 71; 1900, 6; 1902d (e), 3-4 (63-64), pl. 3 fig. 15 (in *Aulopus filamentosus*, *Mullus barbatus*).—*Ward*, 1903d (e), 706 (10) (in tooth of *Homo*).—*Zsch.*, 1884, 68, 69; 1889, v. 8, 775; 1896, 773, 776, 782, 784, 816, 823 (in *S. s.*); 1903, 130.—Also reported for *Gadus saida*, *Lota molva*, *Sebastes norvegicus*.

clupeæ Ben., 1871a, 66 (in *Clupea harengus*; Belgium).—*Stoss.*, 1896a, 84 (78) (in *C. h.*, *C. sprattus*).

clupeæ-ponticæ Linst., 1903u (1904a), 275 (11) (in *Clupea pontica*; Sinus Jaltensis, Black Sea).

clupearum Fabr., 1794a, 35-38, pl. 4 fig. 1-3 (in *Silde* [herring]).—*Dies.*, 1851a, 204 (s. *harengum* Frœl. not Schrank) (in abd. of *Clupea harengus*).—*Duj.*, 1845a, 188.—*Olfers*, 1816a, 31.—*Rud.*, 1809a, 62, 203-204; 1814a, 92; 1819a, 60, 303.—*Stiles & Hass.*, 1894e., 341 (in *C. sprattus*; Eng.).—*Stoss.*, 1896a, 56 (50) (so. *capsularia*).

cobitidis, *Dies.*, 1851a, 186 (so. *trigonura*) (in *Cobitis barbatula*; Ireland, Bellingh., 1844a, 174).—*Stoss.*, 1896a, 94 (88) (so. *trigonura*).

collaris Rud., 1802a, 20 (in *Pleuronectes maximus*; by Rud.); 1809a, 184-185 (s. *Fus. hoffmanni*) (in *P. m.*, *P. flesus*; Greifsw.); 1819a, 52 (in *P. mancus*), 294.—*Baird*, 1853a, 23.—*Bellingh.*, 1844a, 173.—*Carus*, 1884, v. 1, 70.—*Cobbold*, 1858b, 160, pl. 32 fig. 27 (in *Hippoglossus vulg.*).—*Crep.*, 1844a, 130; 1846a, 151.—*Dies.*, 1851a, 177 (in *H. v.*, *Platessa flesus*, *Pl. mancus*, *Rhombus maximus*, *Solea vulg.*); 1861c, 278.—*Duj.*, 1845a, 190.—*Krøyg.*, 1838-1840a, 611, 612; 1843-45a, 297, 444 (in *H. maximus*, *Plat. fles.*, *R. m.*, *S. v.*).—*Mûeh.*, 1898b, 44.—*Nicoll*, 1907a, 72 (in *H. v.*, *R. lævis*).—*Olfers*, 1816a, 65.—*Par.*, 1894a, 218.—*Risso*, 1826, 260.—*Schneid.*, 1911, ANV, 16 (in *R. m.*).—*Stoss.*, 1896a, 84 (78) (in *H. v.*, *P. f.*, *Pleuronectes mancus*, *R. m.*, *S. v.*).—Also reported for *Pl. limanda*, *P. solea*.

collurionis Frœl., 1802a, 40-41 (in *Lanius collurio*; by Frœl.).—*Dies.*, 1851a, 191 (so. *laniorum*).—*Mol.*, 1860b, 940 (so. *Spiropt. euryopt.*).—*Rud.*, 1814a, 93-94.

colubri Cat. RCSL, 1830, 43 (in *Coluber*).

columba Bennet & Olivier, 1826a, 14 (in tame dove) (for *columbæ*).

columbæ Gmel., 1790a, 3034 (in *Columba dom.*; Gœze, 1782a, 84, 85, pl. 1 fig. 6).—*Brug.*, 1791a, 94, pl. 30 fig. 10 (in *C. d.*).—*Dies.*, 1851a, 183 (so. *maculosa*).—*Hut. & Mar.*, 1910b, 500.—*Nordm.*, 1840a, 655 (so. *m.*).—*Rud.*, 1809a, 159 (so. *m.*).

columnaris Leidy, 1856b, 51 (s. *alienata* Rud. of Leidy) (in *Mephitis chinga*; Ing.).—*Dies.*, 1861a, 662 (s. *al.*) (in *M. c.*; Penn.).—*Stiles & Hass.*, 1894e, 339 (in *M. sp.*).—*Stoss.*, 1896a, 67 (61) (in *M. c.*; N. A.).

colymborum Rud., 1819a, 55, 664-665 (in *Colymbus auritus*, *C. cornutus*, *C. cristatus*, *C. minor*; *C. E. V.*).—*Dies.*, 1851a, 158 (so. *spiculigera*).—*Stoss.*, 1896a, 32 (26) (so. *s.*); 1898, 70.

communis (Deslgch., 1824) Linst., 1878b, 238, fig. 25 (in *Gadus callarias*); 1901e, 273; 1903u, 274.—*Nicoll*, 1907a, 71 (in *G. aeglefinus*).—*Stoss.*, 1896a, 58-59 (52-53) (in *G. c.*); 1901, 89 (1) (in *G. morrhua*; Bering Sea).—Also reported for *Aphanopus carbo*, *Labrax lupus*.

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- commutata* Dies., 1851a, 152 (brevicaudata Zed. renamed) (in *Bufo viridis*; M. C. V.).—Hannover, 1864a, 3.—Martini, 1906a, 706.—Mol., 1858, 296–297; 1861c, 278 (in *B. vir.*, *B. vulg.*).—Perez, 1866a, 278.—Rail. & Henry, 1916, Cr SB, 248, 249 (to *Ananconus*).—Schneid., 1866a, 113.—Stoss., 1898, 81.
- compar* Schrank, 1790a, 120 (in *Tetrao lagopus*; teste Schrank); 1793a, 90–94, fig. 2; 1803, 198.—Cobbold, 1869a, 67 (in black grouse, grey partridge, quail, red grouse); 1879b, 440.—Crep., 1846a, 133.—Dies., 1851a, 170–171 (s. *lagopodis*) (in *Perdix coturnix*, *P. cinerea*, *P. saxatilis*, *Tet. lag.*, *T. urogallus*; M. C. V.); 1861a, 663 (in *P. c.*; Padua); 1861c, 277.—Duj., 1845a, 218–219.—Fiebiger, 1912a, 302.—Hass., 1896a, 4, 5 (to *Het.*).—Jägers., 1894a, 454 (in *Tetrao tetrax*).—Lam., 1816, 209; 1840a, 656.—Leidy, 1886e, 311.—Mol., 1859e, 297 (in *P. cot.*; Padua); 1861c, 287 (in *P. cin.*, *P. cot.*, *P. sax.*, *T. coturnix*, *T. urog.*).—Mont., 1889d, 71 (in *polo*; S. Jacinto, Luzon).—Müell., 1897a, 10 (to *Heteracis*).—Nordm., 1840a, 656 (s. *tetraonis*).—Oken, 1815a, 199 (*Tetrao lagopus*).—Olfers, 1816a, 62, 64.—Perronc., 1882a, 305.—Rail., 1893, 408.—Rud., 1809a, 158, 161–163, 186 (in *T. lag.*); 1814a, 90–91; 1819a, 46, 282.—Stiles & Hass., 1894e, 340 (in *Ortyx virginianus*).—Walter, 1858, 277.—Wedl, 1855, 305; 1856, 36, 61, 66, pl. 1 fig. 4.
- [*compressa* (Schneid., 1866) Perronc., 1882a, 305 (Ascaride).]
- conchoptera* Cobbold, 1875, Vet., v. 48, 514 (misprint for *lonchoptera*).
- conga* Drasche, 1883a, 140 (misprint for *longa*).
- conocephala* Krabbe, 1878a of Linst., 1889a, 25, 26 (for *conocephalus*).—R. Bl., 1906, 372.—Brumpt, 1913a, 397.—Stoss., 1896a, 17–18 (11–12) (in *Clymenia* sp., *Delphinus delphis*).
- conocephalus* Krabbe, 1878a, 49–51, fig. 3, pl. 1 fig. 5, résumé, 12 (in dolphins, Gen. ?, sp. ? *Clymenia* [= *Protodelphinus*]; Atlantic).—Bossuat, 1902, v. 6 (2), 190.—Brumpt, 1910a, 332.—Garin, 1913, 2.—Guiart, 1899b, 2; 1900f, 77, 78, 1 fig.; 1905, 7, fig.; 1910a, 372; 1905, Jan. 15, 177.—Jägers., 1894a, 453 (= *Conoc. typicus*).—Stiles & Hass., 1899a, 127 (so. *typica*), 128, 130, 132.—Weinberg, 1907o, 431 (15) (in *Delphinus delphis*).
- conosoma* Joerdens, 1802a, 30–31, pl. 7 figs. 9–12 [tat. of *Conosoma*], (in *Homo*; by Bretschneider).—R. Bl., 1889d, 708 (=larva of *Musca dom.*).—Bremsa, 1824a, 322–324, pl. 11 fig. E.—Chiaje, 1825a, 36–37, pl. 10 fig. 5; 1833a, 36–37.—Duj., 1845a, 642.—Joy, 1835a, 505.—Moq.—Tan., 1860a, 386 (larva of *M. d.*).—Olfers, 1816a, 65.—Rail., 1895a, 782.—Rud., 1808a, 166; 1809a, 154 (conost.).—Slawikowski, 1819, 79.—Cf. *Conosoma*.
- conostoma* Rud., 1808a, 166; 1809a, 154 (for *conosoma*).—Cf. *Conostoma*.
- constricta* Rud., 1809a, 134–135 (in *Trachinus draco*; Paris, Nap.); 1819a, 39, 270.—Bellingh., 1844a, 169 (Ireland).—Ben., 1870, 26.—Carus, 1884, v. 1, 169.—Chatin, 1885a, 41.—Dies., 1851a, 172 (in *Acipenser sturio*, *Cottus scorpio*, *Gadus luscus*, *Platessa limanda*, *Syngnathus acus*, *Trachinus draco*); 1861a, 663.—Duj., 1845a, 190, 192, 203 (in *T. d.*; Mus. Wien).—Hofer, 1904a, 228 (in *A. s.*).—Krøyer., 1838–40a, 71, 583, 611; 1846–53a, 704; 1852–53a, 778, 1226 (in *A. s.*, *C. scorpius*, *P. limanda*, *Siphostoma typhle*, *S. acus*, *T. d.*).—Linst., 1880a, 45; 1900, 271.—Mol., 1859h, 23–24.—Olfers, 1816a, 63.—Par., 1887d, 493.—Stoss., 1896a, 56 (50), (so. *capsularia*).—Also reported for *A. güldenstädti*, *C. bubalis*, *G. luscus*, *Hippocampus brevirostris*, *Sciæna aquila*.
- contorta* Mehl. in Crep., 1846a, 148 (in *Triton taeniatus*; by Mehl.).
- conura* Mehl. in Crep., 1846a, 132 (in *Corvus glandarius*; Ing.).
- coraciæ* Gmel., 1790a, 3033 (sub cute jugulari *Coraciæ garrulæ*; Goeze, 1782a, 90, pl. 2 fig. 5, etc.).—Brug., 1791a, 93, pl. 30 figs. 12–14 (in *C. europæa*).—Nordm., 1840a, 668 (so. *Fil. coronata*).—Rud., 1809a, 65 (so. *Fil. c.*).
- cornelyi* Cobbold, 1876, PZSL, 294, pl. 21 figs. 1–4 (in *Numida vulturina*; by Cornely); 1879b, 447.—Stoss., 1896a, 71 (65) (in *N. vulturica*).
- cornicis* Gmel., 1790a, 3033 (in *Cornicis ventriculo*; Goeze, 1782a, 75).—Bennet & Olivier, 1826a, 13 (in crow).—Dies., 1851a, 191 (in *Corvus cornix*; Greifsw.).—Duj., 1845a, 170.—Linst., 1875a, 202, pl. 4 fig. 32 C.—Rud., 1809a, 196–197 (in *C. c.*); 1814a, 92; 1819a, 54.—Stoss., 1896a, 33 (27) (so. *ensicaudata*); 1898, 70.
- cornuta* Stoss., 1904b, 1–2 (in *Thynnus vulg.*; Trieste).

ASCARIS—Continued.

- coronata* Linst., 1906, Jan., 165, pl. 1 fig. 3 (in *Ardeola grayi*; Tissamaharama, Ceylon).
- corvi-frugilegi* Rud., 1819a, 54, 297 (in *Corvus frugilegus*; C. E. V.).—Dies., 1851a, 192 (s. *frugilegi*) (in C. f.; M. C. V.).—Duj., 1845a, 170.—Stoss., 1896a, 33 (27) (so. *ensicaudata*); 1898, 70.
- corvi-glandarii* Viborg, 1795, 235 [nv.].—Dies., 1851a, 191–192 (in C. g.; M. C. V.).—Duj., 1845a, 170.—Rud., 1809a, 197 (in *Corvus glandarius*); 1819a, 54, 297 (in C. g.).—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70.
- [*couleti* Browne, 1756, 382 (in *Homo*; Jamaica) (not as specific name).]
- crassa* Deslgch., 1824e, 89–90 (in *Anas boschas dom.*; Ing.).—Bail., 1866b, 36.—Dies., 1851a, 170 (so. *inflexa*).—Duj., 1845a, 202.—Gedöelst, 1903a, 58; 1911a, 131 (in A. d.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500.—Mol., 1861c, 287 (so. inf.).—Nev.-Lem., 1912a, 669.—Rail., 1893a, 405 (s. *anatis* Gmel., *inflexa*).—Rail. & Henry, 1912, 256 (to *Porrocæcum*).—Verrill, 1870, 180.—Wehrmann, 1909a, 233, 234, 235 (in *Anas b. dom.*, A. b., *Numida meleagris*).
- crassicauda* Rud., 1819a, 50, 291 (in *Labrus tinca*; Mus. Wien).—Carus, 1884, v. 1, 168.—Dies., 1851a, 161 (in *Crenilabrus tinca*; M. C. V.).—Duj., 1845a, 184–185.—Olas., 1869b, 499, 514.—Par., 1894a, 218.—Stoss., 1896a, 84 (78) (in Cr. t.).
- crenata* Schrank, 1790a, 121 (in *Felis catus*; teste Schrank); 1803b, 196–197 (in cat.).—Rud., 1809a, 236.
- crenata* (Zed., 1800) Rud., 1809a, 146–147 (in *Sturnus vulg.*); 1819a, 43.—Dies., 1851a, 185 (in S. v.).—Duj., 1845a, 199–200.—Linst., 1879a, 168, pl. 11 figs. 7–8 (in S. v.).—[? Olfers, 1816a, 62, 63].—Stoss., 1896a, 33 (27) (so. *ensicaudata*); 1898, 70.—Thomps., 1844, 439 (in S. v.).
- crenulata* Brems., 1824c, 5, pl. 4 fig. 24 (in *Felis onça*).—Dies., 1851a, 179 (var. of *leptopt.*).
- criniformis* Gœze, 1782a, 106–107, pl. 3 figs. 1–4 (in *Ursus meles*; Germany).—Cat. RCSL, 1830, 41 (in *Meles vulg.*).—Dies., 1851a, 300 (to *Doch.*).—Duj., 1845a, 276 (to D.).—Fabr., 1794a, 11.—Frœl., 1789a, 136 (so. *Unc. melis*).—Looss, 1902c, 422 (so. *U. vulpis*); 1905a, 23, 24, 25 (not *Str. crinif.*), 28 (= ? *Unc. crinif.*).—Mol., 1861a, 476 (52), 495 (71) (to D.).—Müell., 1787a, 55 (so. *Str. sp.*).—Par. & Grassi, 1877, 193 (to D.).—Rud., 1793a, 18 (so. *U. melis*); 1802a, 39 (to *Str.*); 1809a, 234 (to *Str.*).—Stiles, 1903k, 12, 15.—Zed., 1803a, 90 (to *Str.*).
- crino* Rail. & Cadiot, 1892f (g), 482 (1) (in heart of dog).
- crinon* Brug., 1792a, 131, 136–137 (s. *Crinon*) (*Equus caballus*, *Canis fam.*, *Ovis aries*; by Chabert).—Bobe-Moreau, 1813a, 4 (in heart of dog).
- cristata* Linst., 1872e, 148–155, pl. 6 figs. 1–19 (larva in *Abramis brama*; Ratzeburger See); 1873h, 232; 1887d, 107 (in A. b.); 1903u, 267; 1909a, 49, fig. 3 (in A. b., *Anguilla vulg.*, *Esox lucius*).—Hofer, 1904a, 228 (in *Abr. b.*, A. vimba, E. l.).—Kowal., 1894b, 226; 1894, 7.—Müch., 1898b, 44.—Srámek, 1901, 96 (in E. l.), 97, fig. 50.—Stoss., 1896a, 49 (43) (in E. l.; Ratzeburg).—Zsch., 1884, 67.
- cucullanus* Zed., 1803a, 92 (so. *Str. auricularis*) (in *Rana temp.*; teste Gœze, 1782a, 98 [? for *Cucullanus*]).
- cuneiformis* (Zed., 1800) Rud., 1809a, 177; 1819a, 50 (in *Cyprinus cultratus*, C. idus; C. E. V.).—Bellingh., 1844a, 172.—Dies., 1851a, 163 (in *Cyprinus*, *Gobio vulg.*).—Duj., 1845a, 185–186.—Hofer, 1904a, 228 (in *G. fluv.*, *Idus melanotus*, *Pelecus cultr.*).—Krøyer., 1846–53a, 349, 462, 523, (in *G. f.*, *Leuciscus idus*, P. c.).—Olfers, 1816a, 64.—Stoss., 1896a, 84–85 (78–79), (in C. cultr., C. idus; Wien; *G. fluv.*, Ireland).—Zsch., 1884, 76 (so. *Disph. filiiformis*).
- cuspidata* Rud., 1814a, 93 (in *Geotrupes nasicornis*; Berl.); 1819a, 52, 294–295 (in *G. n.*; B.).—Crep., 1839a, 282.—Duj., 1845a, 194 (in *Lucanus capreolus*, *Oryctes nasicornis*).—Olfers, 1816a, 64.
- cuspidata* Cobbold, 1874a, 125, pl. 18 fig. 6 (in *Green mona-monkey*; by Murie); 1879b, 291 (in *Cynoc. porcarius*).—Stoss., 1896a, 67 (61) (in *Cercopithecus sabæus*).
- cyclopteri* Dies., 1851a, 204 (in *Cyclopterus lumpus*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 85 (79), (in C. l.).

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- cygni* Gmel., 1790a, 3033 (in *Cygni intest.*; Redi, 80).—Bennet & Olivier, 1826a, 14 (in swan).—Rud., 1809a, 71 (to Fil.).
- cylindrica* Leidy, 1849a, 229 (in *Helix alternata*; by Leidy); 1856b, 52; 1904a, 18-19, 97.—Conte & Bonnet, 1904, 66.—Dies., 1851a, 559 (to *Angiost.*).—Schneid., 1866a, 155 (in H.a.).
- cynædi* Rud., 1819a, 58, 301 (in *Labrus cynædus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in L. c.; M. C. V.).—Duj., 1845a, 184.—Par., 1894a, 218.—Stoss., 1896a, 85 (79) (in L. c.; N.).
- cynonycteridis* Par., 1889c, 768, pl. 3 figs. 5-6 (in *Cynonycteris amplexicaudata*; Birmania); 1891, v. 10, 494.—Stoss., 1896a, 52 (46) (in C. a.; B.).
- cyprini-erythrophthalmi* Rud., 1810a, 375 (in *Cyprinus erythrophth.*; by Braun); 1819a, 60 (in C. e.).—Dies., 1851a, 204 (in *Leuciscus e.*).—Duj., 1845a, 186.—Hofer, 1904a, 228 (in *Scardinus e.*).—Stoss., 1896a, 85 (79) (in S. e.).
- cystidicola* Crep., 1839a, 282 (in *Sylvia atricapilla*; by Schill.); 1846a, 133 (in S. a.).
- dactylura* Cat. RCSL, 1830, 43 (for *dactyluris*) (cf. *testudinis-terrestris*).—Duj., 1845a, 654.—Schneid., 1866a, 116, 120, 124.—Reported for *Testudo græca*, T. marginata.
- dactyluris* Rud., 1819a, 40, 272 (s. *Vermis dubius testudinis-terrestris* 1809a, 266, 581) (in *Testudo græca*; Rome).—Dies., 1851a, 151 (in *Chersus marginatus*, *Podocnemis tracaxa*, P. *expansa*, *Rhinemys nasuta*, T. g.; Brazil, M. C. V.); 1861a, 656 (in T. g., Padua); 1861c, 275.—Kœll., 1843a, 110, 117.—Macalister, 1866a, 79-86 to (*Atractis*); 1866b, 294-301; 1866c, 1-7, 1 pl.—Macé, 1887a, 306-308; 1887b, 512; 1887c, 401.—Mol., 1858d, 145; 1861c, 278 (in T. g.; Padua).—Stoss., 1898, 80.
- decipiens* Krabbe, 1878a, 45-47, fig. 1, pl. 1 fig. 3 (in *Cystophora cristata*, *Phoca barbata*, P. *greenlandica*, P. *hispida*, P. *vitulina*, *Trichechus rosamaris*; Greenland).—Baylis, 1916, P. 361, 365-368, 369, 371, 372, 375, pl. 14 fig. 4, pl. 15 fig. 1, pl. 16 figs. 3-4 (in *Otaria jubata*; Kerguelen Id.).—Jägers., 1893a, 21, 111, 26; 1894b, 467, figs. 14, 26, 40, 41; 1897, 20; 1898a, 738, 740, 787, 791, 793, figs. 5-6.—Linst., 1901e, 273; 1905bb, 182-183 (so. *osculata*); 1905, 96; 1907, 468.—Nassonov, 1899a, in 61-86, 2 pl.—Rail & Henry, 1907, 1, 2-3, 4, 7, 9, 10, 13, 14 (in *Leptonychotes weddellii*, *Omnatophoca rossii*).—Shipley, 1905k, 96, 102 (in P. b., P. g., P. h., P. v., T. r.; G.).—Stiles & Hass., 1899a, 100, 105, 107, 109, 120, 138, 139, 144, 154, 157, 158 (adult in *Callorhinus ursinus*, *Cystophora cr.*, *Erignathus barbatus*, *Eumetopias stelleri*, *Halichoerus grypus*, *Macrorhinus angustirostris*, *Odobenus rosamaris*, *Phoca foetida*, P. gr., P. *largha*, P. *vitulina*, seal gen. ? sp. ?; larva in *Gadus macroc.*, *Theragra chalcogramma*; Bering Sea, Greenland, Spitzbergen, Mus. Wien, Bohuslan, Schleswig, Leipzig, Faroë, Iceland, Popoff Isl.).—Stoss., 1896a, 20 (14) (in C. cr., Hal. gr., P. g., P. b., P. h., P. v., Tr. rosm.); 1902, 2.—Zsch., 1903, 19.
- dehiscens* Linst., 1905dd, 1, pl. 1 fig. 1 (in *Phoca foetida*; Zarjahafen).—Rail & Henry, 1907, 1.
- delphini* Rud., 1819a, 54, 296 (in *Delphinus gangeticus*; Lebeck, 1801a, 282).—Ben., 1870a, 359.—Cobbold, 1879b, 426.—Duj., 1845a, 221 (in D. g.).—Stiles & Hass., 1899a, 108, 120, 121, 122, 123, 124, 125, 126, 159, 160, 162-163 (in *Piatanista gangetica*; near Calcutta).—Stoss., 1896a, 17 (11) (so. *simplex*).
- delphini-gangetici* Dies., 1851a, 155 (so. *simplex*) (for *delphini*).—Stiles & Hass., 1899a, 162 (so. *delphini*).
- dentata* (Zed., 1800) Rud., 1809a, 160-161 (in *Cyprinus barbus*); 1819a, 45, 281-282.—Baird, 1853a, 22.—Bellingh., 1844a, 171.—Ben., 1858a, 1861a, 280, 281, 282.—Blainv., 1828a, 541.—Brems., 1824a, 128.—Büetsch., 1876, 228, 229, 230.—Dies., 1851a, 165-166 (in *Acerina schrætzter*, *Aspro* vulg., *Barbus communis*, *Cobitis barbatula*, *Leuciscus cephalus*, L. *rutilus*, *Thymallus vexillifer*; M. C. V., Ireland).—Duj., 1845a, 185, 186 (in Co. b., *Cyprinus barbus*).—Grimm, 1872a, 248-250 (in C. b.); 1872, v. 9, 433.—Hofer, 1904a, 228, 238, fig. 153 (in *Aspro* v., *Acerina schrætzter*, B. *fluviatilis*, C. b., L. c., *Squalius cephalus*, *Trutta trutta*, *Thymallus* vulg.).—Kœll., 1843a, 69-85, 86, 88, 90, 96, 97, 101, 103, 105, 107, 109, 120, 130, 135, 137, figs. 1-20.—Krøyer., 1846-53a, 333, 552; 1852-53a, 1215, 1224, (in B. f., Co. b., L. r., T. v.).—Leuck., 1867b, 87, 92.—Linst., 1909a, 51 (in B. f., Co. b., A. s., L. r., S. c., T. v., T. t.).—Moul., 1856a, 31.—Olfers, 1816a, 64.—Schneid., 1866a, 287, 299.—Sieb., 1845,

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213.—Srámek, 1901 96–97 (in *Squalius dobula*) fig. 51.—Stoss., 1896a(b), 85–86 (79–80) (in *A. schrætser*, Aspro v., B. f., Co. b., L. r., *L. cephalus*, T. t., T. v.).—Will.-Suhm, 1870, 24, 25.—Zsch., 1896, 773, 775, 784, 817, 822 (in *Barbus fluvi.*).—Also reported for *Mullus barbatus*, *Salmo thymallus*.

depressa (Zed., 1800) Rud., 1809a, 143–144, 190; 1810a, 373, 379; 1814a, 90; 1819a, 42, 276–278 (in *Falco albicilla*, *F. milvus*), 655.—Baird, 1853a, 23.—Bellingsh., 1844a, 169.—Clerc, 1903, 245, 246, 247, 256; 1905, 32, 33.—Cobbold, 1858b, 164 (in *F. tinnunculus*, *F. m.*); 1861e, 122; 1874t, 790; 1879b, 447.—Crep., 1846a, 129.—Dies., 1851a, 156–157 (in *F. ater*, *F. apivorus*, *F. albicilla*, *F. brasiliensis*, *F. buteo*, *F. cyaneus*, *F. chrysaetos*, *F. degener*, *F. gallicus*, *F. imperialis*, *F. lithofalco*, *F. lanarius*, *F. lagopus*, *F. milvus*, *F. nisus*, *F. naevius*, *F. peregrinus*, *F. pennatus*, *F. palumbarius*, *F. rutilans*, *F. rufus*, *F. tinnunculus*, *Strix aluco*, *S. brachyotus*, *S. bubo*, *S. flammea*, *S. nyctea*, *S. otus*, *S. stridula*, *S. tangmalmi*, *Vultur cinereus*, *V. fulvus*; *M. C. V.*, Europe, Ireland, Brazil); 1861a, 657 (in *Strix nivea*; Pa.); 1861c, 276.—Duj., 1845a, 196.—Giebel, 1857a, 268.—Kowal., 1904, 6 (21) (in *Archibuteo lagopus*, *Astur palumbarius*).—Leidy, 1858a, 112; 1886e, 311; 1887b, 21.—Leprie, 1898a, 53, 54, 67–68.—Linst., 1875a, 204, pl. 4 fig. 29B; 1876a, 3; 1878a, 16, 17 (larva in *Sorex tetragonurus*, *Talpa europæa*); 1883a, 277; 1886c, 3; 1901e, 272; 1903u, 267, 271; 1909a, 51 fig. 10 (in *Circus æruginosus*, *Milvus milvus*).—Leuck., 1867b, 98.—Mol., 1858d, 146; 1861c, 280–281, 282 (in *Falco albicilla*, *F. apivorus*, *F. ater*, *F. brasiliensis*, *F. buteo*, *F. chrysaetos*, *F. cyaneus*, *F. degener*, *F. gallicus*, *F. imperialis*, *F. lagopus*, *F. lanarius*, *F. lithofalco*, *F. milvus*, *F. naevius*, *F. nisus*, *F. palumbarius*, *F. pennatus*, *F. peregrinus*, *F. rufus*, *F. rutilans*, *F. tinnunculus*, *Strix aluco*, *S. brachyotus*, *S. bubo*, *S. flammea*, *S. nyctea*, *S. otus*, *S. stridula*, *S. tangmalmi*, *Vultur cinereus*, *V. fulvus*).—Mordw., 1908, v. 13, 157, 188.—Müch., 1898b, 44.—Müll., 1904a, 119.—Olfers, 1816a, 62, 63.—Par., 1887b, 339–340; 1887c, 493; 1887, 67; 1894a, 214.—Porta, 1911, 376.—Schneid., 1866a, 31, 40–41, 274, 286, 295, 311, 1 fig., pl. 1 fig. 6 (in *V. fulvus*; Wien).—Seur., 1916, 314, 342.—Shipley, 1896a (1901b), 141.—Skrj., 1916, 485, fig. 16 (in *Circus cinereus*; Aoulié-ata).—Stiles & Hass., 1894e, 340 (in “*Poules*” virginianus, *Strix brachyotus*).—Stoss., 1889, 182; 1890, 130; 1892, 71; 1893, v. 14, 84; 1895, 34; 1896a, 29–31 (23–25) (in *Astur palumbarius*, *Accipiter nisus*, *Aquila imperialis*, *A. naevia*, *A. chrysaetos*, *Buteo lagopus*, *B. vulg.*, *Bubo maximus*, *B. virginianus*, *Circus æruginosus*, *C. cyaneus*, *C. cineraceus*, *Circæetus gallicus*, *Falco apivorus*, *F. lan.*, *F. pen.*, *F. per.*, *F. lith.*, *F. br.*, *F. deg.*, *F. rut.*, *F. tinn.*, *Gyps fulvus*, *Gypætus barbatus*, *Haliaetus albicilla*, *Milvus ater*, *M. regalis*, *Nisæetus fasciatus*, *Vultur monachus*); 1897, 1; 1898, 69; 1899, 3; 1902, 2.—Walter, 1866, v. 7, 19; 1866, 69.—Wedl, 1856, v. 19, 35.—Will.-Suhm, 1870, 15.—Wolffh., 1900, 10, 12, 13, 14, 15, 16.—Also reported for *Aquila albicilla*, *A. fasciata*, *A. pennata*, *Archibuteo vulg.*, *Circus rufus*, *Falco aesalon*, *F. brachydactylus*, *Strix dasypus*.

diacis Leidy, 1891a, 411 (in *Quiscalus quiscula*; Penn.); 1904a, 232.—Stiles & Hass., 1894e, 340.

didelphidis Rud., 1819a, 53 (in *Didelphis murina*; C. E. V.).—Dies., 1851a, 208 (renamed *Aspidoc. scoleciformis*).

digitata Linst., 1905t, 355–356, pl. 23 fig. 1 (in *Labrus bergylta*; Norway).

diomedæ Linst., 1888a(b), 6, pl. 1 figs. 12–13 (in *Diomedea brachyura*; Challenger); 1907, 470 (in *Diomedea* sp., *Loofs albatros*), 1909, 49 (in *D. sp.*).—Stoss., 1896a, 18 (12) (in *Diomedea brachyura*).

dipodis Rud., 1819a, 54 (in *Dipus sagitta*; C. E. V.).—Dies., 1851a, 174 (so. tetraptera).—Duj., 1845a, 165.—Hall, 1916a, 86, 90 (so. *Oxyuris tetraptera*).—Stoss., 1898, 82.

dipsadomorphi Linst., 1903k, 109, fig. 4 (in *Dipsadomorphus dendrophilus*; Aring, Siam).—Shipley, 1903, 153.

dispar Schrank, 1790a, 120 (Anser dom.; teste Schrank); 1793, 94–98, figs. 3–6; 1803, 198–199.—Blainv., 1828a, 541.—Cobbold, [1861e], 122; 1879b, 447 (in *Bernicla sandwichensis*).—Crep., 1825a, 17–21; 1846, 144.—Dav., 1877a, xcix.—Dies., 1851a, 149 (in *Anas anser* dom., *A. eanadensis*, *A. leucops*, *A. moschata*; M.C.V.).—Mol., 1861c, 291 (to *Heteracis*).—Oken, 1815a, 202.—Olfers, 1816a, 64.—Perronc., 1882a, 305 (dispari).—Rail., 1893a, 408 (to

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- Het.).—Rud., 1809a, 157–158, 162 (in intest. coecis Anserum saginatorum); 1819a, 45 (in *A. canadensis*; C.E.V.).—Schneid., 1866a, 30, 66, 75, 76.—Wedl, 1855, 302.
- distans* Rud., 1809a, 128–129; 1819a, 38 (in *Simia sabæa*; Berl.).—Cobbold, 1879b, 291 (in marmosets).—Dies., 1851a, 146 (in *Cebus caligatus*, *Jacchus bicolor*, *J. chrysoleucus*, *J. melanurus*, *Simia fuliginosa*, S. s.; M.C.V.).—Duj., 1845a, 220 [to (*Anisakis*)].—Linst., 1900g, 5–9, figs. 10–12.—Olfers, 1816a, 62.—Schneid., 1866a, 73.
- draschei* Stoss., 1896a, 24 (18) (s. serrata Drasche) (in *Vastres cuvieri*; Ing.).
- drepanopsettæ* Linst., 1901e, 276 (in *Drepanopsetta platessoides*; Murmanmeer, O. Lica); 1903u, 274 (in D. p.).
- [*dubia* Crep., 1844a, 125 “doubtful *Ascaris*,” not a specific name, refers to *succisa*.]
- dugonis* Dies., 1851a, 191 (based on Ruppel, 1834 & Brandt, 1846, 192, & 1849, 100) (s. Entozoa dugonis) (in *Halicoris dugung*; Red Sea); 1861a, 662 (so. halicoris).—Stiles & Hass., 1899a, 147, 149.—Stoss., 1896a, 68 (62) (so. h.).
- dussumieri* Ben., 1870a, 362–363 (in *Delphinus* sp.; à l’ouest des îles Maldives).—Cobbold, 1879b, 426.—Stiles & Hass., 1899a, 103, 108, 122, 123, 124, 125, 126, 127, 128, 161–162.—Stoss., 1896a, 17 (11) (so. simplex).
- dyspnoos* Gmel., 1790a, 3035 (in *Rana* temp.; based on Goeze 1782a, 98).—Dies., 1851a, 187 (so. nigrovenosa).—Rud., 1809a, 147 (so. n.).
- ecaudata* Duj., 1845a, 204–205 (in *Muraena conger*; Rennes).—Carus, 1884, v. 1, 170.—Dies., 1851a, 164 (in *Conger vulg.*; R.); 1861a, 660; 1861c, 276.—Krøyer., 1846–53a, 615 (in *Anguilla conger*).—Mol., 1858d, 148; 1861c, 284–285 (in *Conger conger*; Padua).—Par., 1894a, 220.—Stoss., 1896a, 86 (80) (in C. v.; P.).
- echinata* Rud., 1819a, 47, 284–285, 581, 761 (in *Gecko*, *Lacerta* (*Gecko*) *stellio*; *Algesiras*, Mus. Wien).—Dies., 1851a, 187–188 (in *Platydictylus guttatus*; Alg.).—Duj., 1845a, 176.—Stoss., 1896a, 78 (72) (in P. g.).
- elephantis* Dies., 1851a, 560 (so. lonchopt.) (in *Elephas indicus*; Boston Mus., Jackson, 1847a, 317).
- elongata* Rud., 1819a, 650 (in *Simia beelzebul*; Brazil).—Dies., 1851a, 169 (in *Cebus beelzebub*; B.).—Duj., 1845a, 156–157.—Stoss., 1896a, 68 (62) (in *Ateles b.*; B.).
- emberizæ* Rud., 1819a, 55 (in *Emberiza hortulana*; C.E.V.).—Dies., 1851a, 192 (in E. h.; M.C.V.).—Duj., 1845a, 170.—Stoss., 1896a, 71 (65) (in E. h.).
- engraulidis* (Stoss., 1887) Stoss., 1896a, 60 (54) (in *Alosa sardina*, *Engraulis encrassicholis*; Trieste); 1898, 73.—Barbag. & Drago, 1903, 416 (in A. s., E. e.; Catania).—Par., 1894a, 219.—Also reported for *A. vulg.*
- eniscaduta* Leidy in Stiles & Hass., 1894e, 340 (in *Mimus proglottus*) (misprint for *ensicaudata*).
- ensicaudata* (Zed., 1800) Rud., 1809a, 145, 192; 1814a, 90; 1819a, 42–43, 278 (in *Turdus merula*).—Baird, 1853a, 24.—Bellingh., 1844a, 170.—Clerc, 1903, 250, 252, 253, 254, 256; 1905, 32 (euricaudata).—Dies., 1851a, 184–185 (in *Sylvia turdoides*, *Turdus iliacus*, *T. musicus*, *T. merula*, *T. pilaris*, *T. saxatilis*, *T. torquatus*, *T. viscivorus*; M.C.V.).—Dobell, 1909, 300, 301, fig. 18B.—Duj., 1845a, 198–199.—Jægers., 1894b, 454.—Leidy, 1886e, 311 (in *Mimus proglottus*).—Linst., 1883a, 277; 1884a, 125–127, figs. 1–3; 1885b, 239; 1886c, 3; 1905t, 356; 1909a, 51, fig. 11 (in *Acrocephalus arundinaceus*, *Anas boschas*, *Charadrius dubius*, *Gallinula chloropus*).—Mueh., 1898b, 44–45.—Muell., 1904a, 119.—Oken, 1815a, 201.—Olfers, 1816a, 65.—Par., 1887b, 340 (68) (in S. t., *Sturnus vulg.*, T. i., T. mus., T. mer., T. p., T. s., T. t., T. v.; 1894a, 214; 1899a, 13; 1899b, 97 (so. heteroura).—Schneid., 1866a, 31, 41–42, 1 fig., pl. 1 fig. 7 (in T. p.; Berl.).—Stoss., 1889, v. 11, 30; 1891, v. 13, 110; 1892, v. 7, 71; 1893, v. 14, 83; 1896a, 33–35 (27–29) (in *Corvus corone*, *C. cornix*, *C. frugilegus*, *C. glandarius*, *Charadrius hiaticula*, *C. morinellus*, *C. pluvialis*, *Gallinula chloropus*, *Himantopus melanopterus*, *Luscinia philomela*, *Motacilla alba*, *Mimus polyglottus*, *Oedicephalus crepitans*, *Pluvialis apricarius*, *Pica caudata*, *Salicaria turdoides*, *Sturnus vulg.*, *Turdus i.*, *T. mer.*, *T. mus.*, *T. p.*, *T. s.*, *T. t.*, *T. v.*, *Vanellus cristatus*, *V. melanogaster*); 1896, 121; 1897, 1; 1898, 70.—Wolffh., 1900, 10, 23, 24, 30, 33, 40, 41, 45.—Also reported for *Alauda* sp., *Merula nigra*, *Squatarola helvetica*.

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- entomelus* Leidy, 1851b, 206 (in lungs of *Rana halecina*; Ing. [U. S. A.]); 1856b, 51; 1904a, 47-48, 96.—Dies., 1861a, 667 (in R. h.; Penn.).—Stiles & Hass., 1894e, 341 (in R. h.).—Stoss., 1896a, 81 (75) (in R. h.; N. A.).
- eperlani* Linst., 1878b, 237 (s. *Nematoideum salmonis-eperlani*, *Agamonema bicolor* pars) pl. 9 fig. 24 (larva in *Osmorus eperlanus*; Ing.); 1895a, 519, pl. 30 figs. 9-16; 1909a, 54 (in O. e.).—Hofer, 1904a, 271 (in O. e.).—Jägers., 1898a, 788.—Stiles & Hass., 1899a, 118 (in O. e.).—Stoss., 1896a, 59 (53) (in O. e.).
- equi* Schrank, 1788a, 7 (in *Equus* cab.; Goeze, 1782a, 63 pl. 1 figs. 1-3; 1803, 193.—Barth., 1905, May 25; 1905, 180-181 (perforation in E. c.).—Brug., 1791a, 92-93, pl. 30 fig. 1-3.—Dies., 1851a, 168 (so. megaloc.).—Galli-Val., 1915, CfB, 517.—Geddelst, 1911a, 131 (in donkey, horse, mule, ox).—Gmel., 1790a, 3032.—Rud., 1809a, 125 (so. *lumbricoides*).—Stoss., 1896a, 9 (3) (so. meg.).
- equorum* Goeze, 1782a, 63-65 (in *Equus* cab.; Germany).—Bossuat, 1902, v. 6 (2), 197 (in E. c.).—Campb. & Lacr., 1907, 69.—Craig, 1915, 491.—Desoubry, 1905, Apr. 30, 164-165.—Emile-Neil & Boyé, 1910, v. 69, 284-285.—Fox, 1910, 23; 1911, 28 (in Chapman's zebra).—Galli-Val., 1898c, 7; 1901c, 363; 1908, 611.—Gough, 1908, 3 (in horse, zebra; S. Africa).—Jammes & Martin, 1908, 123; 1908, 208, 209.—Martin, 1913, 4, 21-30, 40, 41, 43, 45, 48, 49, 50, 55, 64, 65-66, 68, 69, 74, 75, 80, 85, 86, 87, 88, 90, 91, 92, 94, 95, 97, 98, 100, 102, 104, 106, 111, 112, 115, 122, 123, 124, 127, 129, 130, 133, 134, 136, 137, 138, 141, 143, 145, 146.—Pratt, 1916a, 225.—Rans., 1911a, 25.—Rail., 1893a, 402; 1915, 491, 734 (in horses).—Sl. & Sw., 1912a, 370.—Smith, 1908, 265 (in E. burchelli).—Stoss., 1896a, 9 (3) (so. megaloc.).—Vauil., 1901, 98, 130, 135.—Ward, 1895a, 297, fig. 57 (in E. c., *E. mulus*) 299, 333 (in ? *Bos taurus*) 339.—Weil & Boyé, 1910, v. 69, v. 2 (29), 284-285 (extr., coagulation of blood); 1910, v. 18 (86) 805; 1910, v. 35 (12), 750.—Wolffh., 1911, 77.—Zed., 1800a, 25.
- eristata* Linst., 1872e, 154 (misprint for *cristata*) (in *Abramis brama*).
- euricaudata* Clerc, 1905, 32 (misprint for *ensicaudata*).
- euxina* Linst., 1903u, 270-271, pl. 18 fig. 1 (in *Pelecanus minor*; Petrograd Mus.); 1904a, 6-7 (in P. m.).—Skrj., 1916, 45, 121, pl. 3 figs. 12-14 (in *Phalacrocorax* sp.).
- extenuata* Rud., 1819a, 47-48, 287, 581, 593 (in *Lacerta margaritacea*; Algeciras).—Dies., 1851a, 154 (in *Chrysolamprus ocellatus*; M. C. V.).—Duj., 1845a, 175.—Rail. & Henry, 1916, CrSB, 114 (so. *Pharyngodon acanthurus*).
- fabri* Rud., 1819a, 57, 300 (in *Zeus faber*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 199 (in Z. f.; M. C. V.).—Duj., 1845a, 182.—Hamann, 1895, v. 2, 97, pl. 5 fig. 8.—Jägers., 1897, 19.—Mol., 1861c, 285 (so. *biuncinata*).—Par., 1894a, 217; 1899a, 13; 1899b, 97 (s. b.) (in Z. f.; Portoferraio); 1902b, 14.—Stoss., 1887, v. 9, 187; 1896a, 40-41 (34-35) (in *Pagellus erythrinus*, *Trachinus viviparus*, Z. f.); 1898, 68.
- falcigera* Rail. & Henry, 1907b, 2, 3, 4-7, 10, 13, 14, figs. 1-2, pl. 1 figs. 1-7 (in *Leptonychotes weddelli*, *Omnatophoca rossi*; Booth-Wandel Island).—Garin, 1913, 34, 36-41, 44, 49, 79, 80, 148, figs. 6-7.
- fallax* Rud., 1819a, 43, 279 (in *Lacerta viridis*; Mus. Wien).—Duj., 1845a, 176 (in L.).—Schneid., 1866a, 65.—Stoss., 1889l (m), 42 (7) (of Duj., so. *Physalopt. abbreviata*).
- farionis* Gmel., 1790a, 3036 (in *farionis* intest.; Goeze, 1782a, 77).—Dies., 1851a, 178 (so. *obtusocaudata*).—Rud., 1809a, 178, 202 (so. *truttæ*).
- felis* Gmel., 1790a, 3031 (in *Felis catus*).—R. Bl., 1888a, 704 (so. *mystax*) 706.—Bennet & Olivier, 1826a, 10-11 (in house cat).—Braun, 1903a, 302; 1908a, 341; 1915a, 366.—Brumpt, 1913a, 413.—Brug., 1791, 91, pl. 31 figs. 7-12.—Dies., 1851a, 180 (so. mys.).—Edwards, 1911, v. 7, 309-313, pl. 28 figs. 1-9.—Fiebiger, 1912a, 297.—Frœl., ?, 141.—Glaue, 1909, ZA, v. 33, in 785-790 (& *canis*); 1909, (4) 463 (so. mys.); 1910, ZwZ, v. 95, in 551-593, 26 figs. (& *canis*); 1910, ZA, 744, 746, 748, 751, 753, 755, 756, 757.—Krüger, 1913, ZwZ, 89.—Nordm., 1840a, 655 (so. mys.).—Martin, 1912, ZA, 51 fig. 2; 1913, 55, 100.—Rud., 1793a, 11; 1802a, 13; 1809a, 140, 141 (so. mys.).—Schelver, 1800, v. 1, 162-164.—Schœppler & Krüger, 1912, CfB, v. 62, 143-146 (and *canis*).—Stoss., 1896a, 14 (8) (so. mys.); 1898, 67.—Walton, 1916, 39; 1916, 364-372, figs. A-F, 1-12 (and *canis*).—Ward, 1895a, 330 (so. *canis*) (in *Homo*) 342 (in *Canis* fam.); 1903, 223 (so. c.).—Wolffh., 1911, 77.

ASCARIS—Continued.

- felis-discoloris* Leidy, 1851a, 155 (in *Felis discolor*; lng. [U. S. A.]); 1856b, 50 (so. leptopty.); 1904a, 45.—Dies., 1861a, 665 (so. 1.).
- ferox* Hempr. & Ehrenb., 1828a [nv.].—Bischoff, 1913, 275.—Hall, 1916a 42, 43 (so. *Crossophorus collaris*).—Leuck., 1868a, 267.—Linst., 1901b, 410; 1908, v. 13, 21 (in *Procavia* (*Hyrax*) *capensis*; Africa).—Par., 1885a, 439.—Schneid., 1866a, 32, 33, 35, 40 (s. *Crossophorus collaris*), 189, 1 fig., pl. 2 figs. 1-2, pl. 15 fig. 17, pl. 16 fig. 1 (in *Hyrax syriacus*; Red Sea).—Setti, 1897, 45-46.—Shipley, 1896, 141.—Stewart, 1914, 166.—Stoss., 1896a, 18-19 (12-13) (in *H. capensis*, H. s.; Red Sea).—Also reported for *Heterohyrax mossambica*.
- filaria* Duj., 1845a, 177, 653-654 (in a large serpent, probably *Python*; Pondichéry).—Dies., 1851a, 160 (in *Astrophis tigris*; M. C. V.).—Linst., 1903c, 109.—Par., 1898b, 12.—Skrj., 1916, 46, 121 (in *Bitis gabonica*).—Stoss., 1896a, 79 (73) (in A. t.).—Also reported for *Python t.*
- filariiformis* Stoss., 1902d (e), 66 (6) (in *Scopelus caudispinosus*; Genova).
- filholi* Chatin, 1885a, 39-41 (in fish; either Campbell Isl. or New Zealand).—Stoss., 1896a, 86 (80).
- filicollis* Rud., 1802a, 23-25, figs. 1A-C (s. *Trichoc. auricularis*) (in Lamm, Hammel; by Rud.); 1803, 17 (to Str.); 1809a, 217 (to S.).—Dies., 1851a, 318-319 (to S.).—Rans., 1911a, 82 (to *Nematodirus*).—Ward, 1895a, 336 (in *Ovis aries*).
- filiformis* Goetze, 1782a, 39, 91, 93, 94, 95, 100, 109, pl. 2 figs. 6-7, pl. 4 figs. 1-3 (in birds, calves, fish, frogs) [see also *filiformis* Schrank and *filif. cauda rotundata*].—Dies., 1851a, 314 (pars so. *Str. auricularis*).—Duj., 1845a, 131 (pars so. S. a.).—Encycl. méth., 1792, v. 1, 135 (see *variegata*).—Mol., 1861c, 331 (so. S. a.).—Rud., 1809a, 147 (of Goetze, pl. 5 figs. 6-17, so. *nigrovenosa*), 223 (of Goetze, pl. 4 figs. 1-3, so. S. a.), 246.—Zed., 1800a, 80 (so. S. a.); 1803a, 92 (so. S. a.).
- filiformis* Schrank, 1788a, 11 (in den Lungen der Kälber, Schweine; in der Eingeweiden der Forellen; Goetze, 1782a, 91, pl. 2 figs. 6-7).
- filiformis* Stoss., 1904b, 2, figs. 4-6 (in *Uranoscopus scaber*; Trieste).
- filiformis bufonum* Dies., 1851a, 187 (so. *nigrovenosa*) (in *Rana bufo*; Goetze, 1782a, 95, pl. 5 figs. 6-17).
- filiformis cauda rotundata* Goetze, 1782a, 91, 92, pl. 2 figs. 6-7 (in calves, see also *filiformis* Schrank).—Dies., 1851a, 316 (so. *Str. micrurus*), 317 (so. S. paradoxus).—Rud., 1809a, 245 (so. S. vitulorum) 246 (so. S. suis).
- fissicollis* Linst., 1906, Jan., 164-165, pl. 1 figs. 1-2 (in *Haliastur indus*; Ceylon).
- fissilabium* Linst., 1873g, 299, pl. 13 fig. 8 (in *Sturnus vulg.*; lng.); 1873, v. 10, 490.—Seur., 1916; Bs, v. 49, 353 (larva of *Spiropt. turdi*).—Stoss., 1896a, 48 (42) (in S. v.).
- flesi* Linst., 1878b, 238-239, fig. 26 (in *Platessa flesus*; lng.); 1887d, 107 (in P. f.).—Stoss., 1896a, 59 (53).
- flustræ* Dalyell, 1853a, 92, pl. 10 fig. 27 (in *Flustra carbacea*; lng.).
- fœcunda* Rud., 1819a, 654 (in *Hyla* sp., *Rana cornuta*; Brazil).—Dies., 1851a, 153 (in *Trachyc. occipitalis*; B.).—Stoss., 1896a, 81 (75) (in T. o.; B.).
- forciparia* Schneid., 1866a, 75, 1 fig. (*forcipata* renamed) (in *Bucco* sp., *Cuculus navius*, *C. seniculus*, *C. tingazu*, *Caprimulgus nacandua*, *C. ruficollis*, *C. urutau*, *Dicholophus cristatus*, *Tetrao uru*; Brazil, Algeciras).—Stoss., 1888a (b), 283 (12) (to Het.).
- forcipata* Rud., 1819a, 659-660, 740 (in *Bucco*, *Cuculus navius*, *C. seniculus*, *C. tingazu*, *Caprimulgus bacaurau*, *C. urutau*; Brazil).—Dies., 1851a, 147-148 (in *Capito tamatia*, *C. striolatus*, *C. rufiventris*, *C. melanoleucus*, *C. macror.*, *C. collaris*, *Monasa leucops*, *M. tranquilla*, *M. tenebrosa*, *M. torquata*; B., M. C. V.) 173 (of Rud.) (*caprimulgi*, *cuculi*) (so. *subulata*).—Duj., 1845a, 171.—Stoss., 1896a, 76 (70) (so. s.).
- frugilegi* Schrank, 1790a, 121 (in *Corvus frugilegus*; teste Schrank); 1803, 200.—Dies., 1851a, 192 (so. *corvi-frugilegi*).—Duj., 1845a, 170.—Rud., 1809a, 197 (in C. f.).
- fuligulæ* Gmel., 1790a, 3033 (in *Anas fuligula*; Bloch, 1782a, 31).—Dies., 1851a, 193-194 (in A. f.).—Linst., 1909a, 53 (in *Nyroca fuligula*).—Rud., 1809a, 197-198 (in A. f.); 1819a, 56.—Stoss., 1896a, 71 (65) (in *Fuligula cristata*).

ASCARIS—Continued.

- funiculus* Deslgch., 1824e, 89 (s. *teres galli* (major), *galli*, *gallinæ*) (in *Gallus dom.*; by Deslongch.).—Dies., 1851a, 170 (so. *inflexa*).—Hass., 1896a, 4, 6 (so. *Het. perspicillum*); 1896b, 2 (so. H. p.).—Mol., 1861c, 287 (so. i.).—Rail., 1893a, 406 (so. H. p.).
- gadi* Müell., 1776a, 214 (in *Gadus*); 1788b, 47–48, 49, pl. 74 fig. 6 (in *G. barbatus*; Ing.).—Brug., 1792a, 131, 139.—Dies., 1851a, 177 (so. *clavata*).—Fabr., 1780a, 274–275.—Herbst, 1787a, 27.—Nordm., 1840a, 656 (so. c.) (in *G. b.*).—Rathke, ?, 67.—Rud., 1809a, 183 (so. c.); 1819a, 57 (so. *gadi-minuti*).
- gadi-æglefini* Dies., 1851a, 198 (s. *clavata* (*æglefini*) Rud., in *Gadus æglefinus*; by Rud.).—Stoss., 1896a, 86 (80) (in *G. a.*).
- gadi-brandti* Linst., 1899b, 8 (a larva in *Gadus brandti*; Jesso, Japan).
- gadi-merlangi* Dies., 1851a, 199 (s. ? *clavata* (*gadi-merlangi*) Rud.) (in *Merlangus communis*; by Gæde).—Stoss., 1896a, 87 (81) (in *M. c.*).
- gadi-minuti* Rud., 1819a, 57, 300 (in *Gadus minutus*; Rimini).—Carus, 1884, v. I, 171.—Dies., 1851a, 198 (in *G. m.*; A.).—Duj., 1845a, 189.—Par., 1894a, 218.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- galli* Schrank, 1788a, 9 (in *Gallus gallus*; Gœze, 1782a, 86, pl. 1 fig. 7).—Brug., 1791a, 94, pl. 30 fig. 11 A, 11 (in *G. gallinaceus*, *G. gallina*).—Gmel., 1790a, 3034.—Rud., 1809a, 129 (so. *vesicularis*).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- gallinæ* Gmel., 1790a, 3034 (in *gallinæ intestino caeco*; Gœze, 1782a, 86).—Dies., 1851a, 149 (of Frœl., so. *dispar*).—[Frœl., 1789a, 105 (in *Gallus dom.*; by Frœl.).—Mol., 1861c, 291 (of Frœl., so. *Heteracis dispar*).—Rud., 1809a, 129 (of Gmel., so. *vesicularis*) 157 (of Frœl., so. d.).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- gallinarum* Schrank, 1788a, 9 (in *Gallus gallus*; Gœze, 1782a, 76, pl. 1 fig. 4); 1803, 199–200.—Dies., 1851a, 148 (so. *vesicularis*).—Frœl., 1802a, 49–50.—Gmel., 1790a, 3034.—Mol., 1861c, 290 (so. *Heteracis vesicularis*).—Rud., 1809a, 129 (so. v.).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- gallinulæ* Linst., 1879b, 321, pl. 5 fig. 4 (in *Gallinula chloropus*; Ing.).—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70.
- gallopavonis* Gmel., 1790a, 3034 (in *Gallopavonis intestinis*; Gœze, 1782a, 85).—Dies., 1851a, 184 (so. *perspicillum*).—Hass., 1896a, 4, 5 (so. *Het. persp.*); 1896b, 2 (so. H. p.).—Rail., 1893a, 406 (so. H. p.).—Rud., 1803, 10 (so. p.); 1809a, 132, 141 (so. p.).—Zed., 1803a, 103 (so. *Fus. reflexa*).
- gasterosteï* Rud., 1809a, 201 (s. *Gord. lacustris* Fabr.) (in *Gasterosteus aculeatus*; Greifsw.). 1819a, 59.—Dies., 1851a, 201–202 (in *G. a.*; G.).—Duj., 1845a, 182.—Hofer, 1904a, 229 (in *G. a.*).—Linst., 1901e, 273.—Stoss., 1896a, 87 (81) (in *G. a.*).
- genypteri* Stoss., 1902d (e), 66 (6), (in *Genypterus capensis*; Mare del Plata).
- gestri* Par., 1889c (1890), 768–769 (4–5), pl. 3 figs. 7–8 (in *Tropidonotus quincunciatus*; Birmania).—Stoss., 1896a, 53 (47) (in *T. q.*).
- gibbosa* Rud., 1809a, 167–168 (s. *Fus. strumosa*) (in *Phasianus gallus*; by Zed.); 1819a, 48.—Anacker, 1887c, 514.—Bail., 1866b, 36.—Cobbold, 1869a, 67 (in fowl); 1898, 440.—Dav., 1877a, xcix.—Dies., 1851a (in *P. g.*).—Duj., 1845a, 217–218.—Hass., 1896a, 4, 5 (so. *Het. perspicillum*); 1896b, 2 (so. H. p.).—Land., 1882, 23.—Nev.-Lem., 1912a, 673.—Olfers, 1816a, 64.—Par., 1900c, 195.—Rail., 1893a, 406 (so. H. p.).—Stoss., 1898, 76.
- gigas* Gœze, 1782a, 38, 62–63 (*lumbricoides* renamed).—R. Bl., 1888a, 661 (so. l.).—Cat. RCSL, 1830, 42.—Chiaje, 1825a, 9 (so. l.).—Dies., 1851a, 168 (so. *megaloc.*).—Rud., 1809a, 125 (so. l.).
- gigas equi* Rud., 1809a, 125 (for *equorum* and *lumbricoides*) (in *Equus*; Gœze, 1782a, 62–72, pl. 1 figs. 1–3).—Nordm., 1840a, 654 (so. l.).
- gigas hominis* Rud., 1809a, 125 (for *hominum*) (so. *lumbricoides*) (in *Homo*; Gœze, 1782a, 62–72).—Aubinais, 1846a, 50.—Dunl., 1893a, 107.
- gigas suis* Rud., 1809a, 125 (so. *lumbricoides*) (for *suum* Gœze, 1782a, 62–72).
- gigas vituli* Rud., 1809a, 125 (for *vitulorum* Gœze, 1782a, 72) (so. *lumbricoides*).
- glanidis* (siluri) Linst., 1880a, 53 (for *siluri* 1878); 1887d, 107 (larva in *Silurus glanis*; Ing.). 1909a, 54 (in *S. g.*).—Hofer, 1904a, 229, 238 (in *S. g.*).—Zsch., 1903, 146, 147.
- glareolæ* Rud., 1819a, 55, 298 (in *Glareola austriaca*; Rimini).—Dies., 1851a, 193 (in *G. a.*).—Duj., 1845a, 173.—Par., 1894a, 215.—Stoss., 1896a, 71 (65) (in *G. a.*).

ASCARIS—Continued.

- gloibcola* (Fabr., 1780) Gmel., 1790a, 3036.—Rud., 1810a, 35.
- globulus* Linst., 1899b, 5, pl. 1 figs. 1-2 (in *Felis moormensis*; Malacca, Sunda-Inseln).—Glaue, 1910, ZA, 745.
- gobii* Rud., 1819a, 57 (in *Gobius jozo*; C. E. V.).—Dies., 1851a, 340 (to *Nematoideum*).—Duj., 1845a, 183.
- gobionis* (Schrank, 1788) Gmel., 1790a, 3037.—Bennet & Olivier, 1826a, 20 (in *Cyprinus gobio*).—Fric & Vavra, 1901, 102 (so. *Ichthyonema ovatum*).—Nordm., 1840a, 668 (so. *Fil. ovata*).—Rud., 1809a, 60 (so. *F. o.*).
- gracilescens* Rud., 1819a, 45-46, 282 (in *Clupea sprattus*, C. encrasicolus; Nap., Rimini).—Carus, 1884, v. 1, 169.—Crep., 1839a, 282.—Dies., 1851a, 166 (in C. harengus, C. s., Engraulis encrasicola).—Duj., 1845a, 188.—Linst., 1885b, 239-240, pl. 13 fig. 11.—Par., 1894a, 219.—Stoss., 1896a, 60 (54) (in C. h., C. s., E. encrasicolus; Europe).
- gracillima* Linst., 1890d, 184, pl. 10 fig. 17 (in *Cobitis barbatula*, *Gasterosteus aculeatus*, *Phoxinus laevis*; lng.); 1909a, 54 (in C. b., G. a., P. 1.).—Hofer, 1904a, 229 (in C. b., G. a., P. 1.).—Stoss., 1896a, 60 (54) (in C. b., G. a., *Phoxinus laevis*; Goett.).
- [*græcorum* Pall. (1760a); 1768a, 257 (not as specific name but as so. *Asc. Linn.*)].—Huber, 1896a, 588 (so. *Oxyuris vermicularis*).—Simon, 1897, 225.
- granulosa* Schneid., 1866a, 32, 46 (s. *spiculigera* pars), pl. 1 fig. 16 (in *Tachypetes aquilus*; Brazil).—S., F., & W., 1908a, 287.—Stoss., 1896a, 44 (38) (in T. a.).
- gulonis* Gmel., 1790a, 3032 (in *Gulo*; quotes Redi, p. 14).—Duj., 1845a, 159 (non d'un glouton, mais d'un fouine).—Rud., 1810a, 374.
- gulonis* Rud., 1810a, 374 (in *Gulo*; quotes Pall., 1780, p. 40); 1819a, 53.—Dies., 1851a, 189 (in *Gulo arcticus*).—Duj., 1845a, 159.—Linst., 1878a, 40.—Stoss., 1896a, 68 (62) (in G. a.).
- gulosa* Rud., 1819a, 40, 271-272, 581 (in *Testudo tabulata*; Berl.).—Dies., 1851a, 154 (in *Chelonoides tabulatus*, *Rhinemys nasuta*, *Testuda græca*; M. C. V., Berl., Brazil, Wien).—Schneid., 1866a, 123.
- gypina* Duj., 1845a, 194-195 (s. *depressa* pars) (in *Vultur cinereus*, *V. fulvus*; Mus. Wien).—Dies., 1851a, 157 (so. d.).—Mol., 1861c, 281 (so. d.).—Stoss., 1896a, 30 (24) (so. d.).
- habena* Lint., 1900a, 269, 282, 302-303, pl. 43 figs. 109-115 (in *Opsanus tau*; Woods Hole); 1901b, 410, 445, 465, 468, figs. 55-56 (in O. t.); 1905d, 328, 330, 339, 342, 383, 392, 406-407 (in *Carcharinus obscurus*, *Leiosomus xanthurus*, O. t., *Scoliodon terræ-novæ*; Beaufort).
- halecis* Gmel., 1790a, 3037 (s. *Gord. harengum*) (in *halecis vesiculis seminalibus*; Bloch, 1782a, 33, pl. 8 figs. 7-10).—Bennet & Olivier, 1826a, 19-20 (in herring).—Fabr., 1794, 32, 34.—Noel, 1807a, 81-82.—Rud., 1802a, 3 (so. *Fil. capsularia*); 1809a, 61 (so. F. c.).—Seur., 1916, 353 (s. *Agamonea commune*, *Fil. capsularia*, *F. marina*, *F. piscium*, *Filocapsularia commune*).
- halicoris* Owen, 1833a, 121 (in [*Halicore*] hng; lng.).—Baird, 1859d, 148, 149, pl. 56 figs. 2-2c.—Cobbold, 1879b, 429.—Dies., 1861a., 662 (s. *Entozoa dugonis*) (in *Halicore dugong*; Red Sea); 1861c, 277.—Jägers., 1894b, 454 (in H. cetacea).—Krefft, 1871a, 211.—Linst., 1903u, 265; 1906, JPAS, v. 1, 258-260, pl. 10 figs. 1-10 (in H. d.; Gulf of Manaar); 1906, 3-5, pl. 1 figs. 4-6 (in H. d.; E. India); 1906, 444; 1907, ZC, 345 (*halicaris*).—Par., 1889d, in 751-764, figs. 1-5, pl. 13 figs. 1-16; 1890a, 514-515.—Rail. & Henry, 1907, 1.—Stiles & Hass., 1899a, 108, 147-151 (in *Dugong dugon*).—Stoss., 1896a, 68 (62) (in H. indica, *Rhytina stelleri*).—Also reported for *Hydrodamalis gigas*.
- harengum* (Bloch, 1782) Schrank, 1788a, 9; 1803b, 204.—Dies., 1851a, 204 (so. *clupearum*).—Frel., 1802a, 50.—Rud., 1809a, 61 (so. *Fil. capsularia*).
- helicina* Mol., 1860e, 337-338 (in *Crocodylus acutus*; M. C. V.).—Drasche, 1883b, 130, pl. 9 figs. 8-9.—Dies., 1861a, 658 (in C. a.; M. C. V.).—Linst., 1904, 4.—Pavesi, 1881a, 295, 296, 297.—Stoss., 1896a, 43 (37) (in C. a.).—Also reported for *Alligator lucius*, A. mississippiensis.
- helopis* Pall., 1813, 102 [nv.].—Dies., 1851a, 197 (in *Acipenser stellatus*; by Pallas).—Duj., 1845a, 192 (in A. helops).—Linst., 1903u, 271.—Rud., 1819a, 56 (in A. h.).—Stoss., 1896a, 87 (81) (in A. s.).
- heringii* Linst., 1879b, 320-321, pl. 5 figs. 2-3 (in *Myrmecophaga jubata*; by Hering).—Stoss., 1896a, 48 (42) (in M. j.).

ASCARIS—Continued.

- hermaphrodita* Fröel., 1789a, 151–155, pl. 4 figs 11–13 (in small intestines “des grünen Papageyes”; Ing.).—Dies., 1851a, 183 (so. truncata).—Gmel., 1790a, 3033.—Rud., 1802a, 22 (in *Psittacus aestivus*; by Fröel.); 1809a, 160, 195.
- heteroiira* Crep., 1829b, 20–21 (in *Charadrius pluvialis*; by Crep.) (apparently misprint for *heteroura*).
- heteroptera* Dies., 1851a, 175 (in *Ibis albicollis*, I. nudifrons; Brazil, M. C. V.); 1857a, 12; 1861a, 663.—Drasche, 1883b, 131, pl. 9 figs. 13–16.—Stoss., 1896a, 37 (31) (in I. a., I. n.; Brazil).
- heteroura* Mehl., 1831a, 90, pl. 2 fig. 16 (for *heteroiira*) (in *Charadrius pluvialis*; by Crep.).—Bellingh., 1844a, 172 (Ireland).—Dies., 1851a, 158, 159 (s. *charadriorum*) (in C. p., C. morinellus, C. œdicnemus, *Himantopus melanopterus*; Greifsw., M. C. V.).—Duj., 1845a, 200.—Par., 1899a, 13; 1899b, 97, of Bellingh. (s. *ensicaudata* Rud.) (in C. p.; Portoferrajo); 1902b, 14 (in C. p., *Sturnus vulg.*, *Squatarola helvetica*, *Turdus musicus*).—Stoss., 1896a, 33 (27) (so. e.); 1898, 70.—Villot, 1875, 470 (so. *semiteres*).
- hippocampi* Rud., 1819a, 56, 299 (in *Syngnathus hippocampus*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 197 (in *Hippocampus guttatus*; R.).—Duj., 1845a, 191.—Par., 1894a, 219.—Stoss., 1896a, 87 (81) (in *H. guttulatus*).
- hiri* Gmel., 1790a, 3032 (in *hiri* intestinis [Darme eines africanischen Bocks]; Gœze, 1782a, 125).—Rud., 1810a, 265 (so. *Nematoideum antilopen*).
- hirsuta* Ben., 1871a, 70 (in int. *Osmerus eperlanus*; Belgium).—Hofer, 1904a, 229 (in O. e.).—Stoss., 1896a, 87 (81) (in O. e.).
- holoptera* Rud., 1819a, 53, 295–296 (in *Testudo mydas*; Mus. Wien).—Baird, 1853a, 20.—Cobbold, 1866b, 10.—Crep., 1846a, 146.—Dies., 1851a, 159–160 (in *Chersus marginatus*, C. mauritanicus, *Testudo græca*; M. C. V.).—Drasche, 1884b, 325, 326, pl. 19 fig. 1 (in T. g.).—Duj., 1845a, 173–174.—Galli-Val., 1901c, 363 (in T. g.).—Jägers., 1894b, 454 (in T. g.).—Linst., 1903u, 267; 1909a, 52, fig. 13 (in *Emys lutaria*).—Schneid., 1866a, 31, 43–44, fig. pl. 1 fig. 12 (in T. g.).—Stiles & Hass., 1894e, 341 (in tortoise).—Stoss., 1890, 45; 1896a, 29 (23) (in *Ch. maur.*, *Ch. marginatus*, T. g.); 1898, 69.—Also reported for T. marginata.
- (*hominis*) see *lumbricoides* (*hominis*).
- hominum* Gœze, 1782a, 65 (*lumbricoides*, 1758 renamed).—Zed., 1800a, 26 (so. Fus. l.).
- humilis* Leidy, 1856b, 51 (in *Tropidonotus sirtalis*; [apparently U. S. A.]).—Dies., 1861a, 667 (in T. s.; Pa.).—Deutsche Zeits. f. Thiermed., 1889, v. 15, 317.—Stoss., 1896a, 79 (73) (in T. S.; N. A.).
- humbricoides* Braun, 1883a, 147 (misprint for *lumbricoides*).
- hystrix* Dies., 1851a, 188 (in *Podocnemis erythrocephala*; Marabitanos); 1861a, 666;—v. 13, 13, pl. 1 figs. 24–30.—Also reported for P. expansa.
- iacchi* Stoss., 1896a, 68 (62) (for *jacchi*) (in intestine of *Jacchus* sp.).
- incisa* Rud., 1802a, 20–22 (s. *Cucullanus talpæ*) (in *Talpa europæa*; by Rud.); 1809a, 163–164 (s. C. t.) (in T.); 1819a, 46.—Anacker, 1893i, 344.—Baird, 1853a, 16.—Cobbold, 1879b, 296 (in T. e.).—Crep., 1844a, 133.—Dies., 1851a, 165 (in *Sorex tetragonurus*, T. e.; Europe); 1861a, 660.—Duj., 1845a, 157–158.—Lam., 1816, 209; 1840a, 656.—Leuck., 1842a, 39–43, pl. 1 figs. 10a–d; 1867b, 98, 115, 123, fig. 76; 1868a, 387; 1879a, 88; 1886d, 67.—Mordw., 1908, v. 13 (1–2), 188.—Nordm., 1840a, 656.—Oken, 1815a, 199.—Olfers, 1816a, 30, 64.—Porta, 1911, 376 (in T. e.; Parma).—Schneid., 1866a, 295, 311.—Seur., 1916, 314, 342, 353, 363.—Sieb., 1854, 33.—Stoss., 1896a, 61 (55) (in S. t., T. e.).—Thoms., 1855, 185.
- incrassata* Mol., 1858d, 146 (in *Trygon bruchio*; Padua); 1861c, 280.—Carus, 1884, v. 1, 169.—Dies., 1861a, 660 (in T. b.; P.); 1861c, 277.—Oerley, 1885a, 104, 108 (in T. brucco).—Par., 1894a, 220.—Stoss., 1896a, 87–88 (81–82) (in T. b.; P.).
- increscens* Mol., 1858d, 147–148 (in *Lophius piscatorius*; Padua); 1861c, 283–284, pl. 10 fig. 4.—Carus, 1884, v. 1, 170.—Dies., 1861a, 660 (in L. p.; P.); 1861c, 276.—Lint., 1900a, 284; 1901b, 410, 452, 487, 488, figs. 62–64 (in *Coryphæna hippurus*, L. p.); 1905d, 328, 330, 372 (in C. h.; N. C.).—Par., 1894a, 217.—Stoss., 1896a, 88 (82) (in L. p.; P.).

ASCARIS—Continued.

- incurva* Rud., 1819a, 51, 292-293 (s. Vermis dubius xiphiae 1809a, 276) (in Xiphias gladius).—Barbag. & Drago, 1903, 415 (in X. g.; Messina).—Ben., 1870b, 36.—Carus, 1884, v. 1, 169.—Cobbald, 1869a, 71 (in X. g.; Eng.).; 1879b, 458.—Dies., 1851a, 163-164 (in X. g.; Berl.).—Duj., 1845a, 203-204.—Goodrich, 1914, v. 27 (3), 147-150, pl. 1 figs. 1-13 (maturation division); 1916, JEZ, v. 21 (1), 61-99, figs. a-k, pls. 1-3 figs. 1-49.—Jägers., 1894b, 454 (in X.).—Krøyer., 1838-40a, 597 (in X. g.).—Lint., 1900a, 278; 1901b, 410, 444, 446, 447, 448, 481, figs. 29-32 (in Hippoglossus platessoides, Seriola zonata, Scomberomorus maculatus, Tetrapterus imperator, X. g.); 1905d, 328, 330, 364 (in Seriola lalandi; N. C.).—Mueh., 1898b, 45.—Par., 1887c, 493; 1894a, 217; 1902, 14 (in X. g.).—Schneid., 1866a, 48, pl. 2 figs. 11a-b (in X. g.; Ostsee).—Shipley, 1896a (1901b), 141.—Stoss., 1896a, 50 (44) (in X. g.); 1897, 2; 1898, 71-72; 1902, 4, pl. 3 fig. 4.
- infecta* Leidy, 1849a, 229-230 (in Julius marginatus; Ing. [apparently U. S. A.]); 1853b, 42 (in J. m.); 1904a, 19.—Cobbald, 1879b, 483 (in Passalus cornutus).—To Isacis.
- inflessa* Perronc., 1882a, 305 (probably for inflexa).
- inflexa* (Zed., 1800) Rud., 1809a, 132-133, 198 (in Anas boschas, A. b. dom., A. acuta, A. moschata, Phasianus gallus; by Zed.); 1814a, 89; Rud., 1819a, 38, 268-269.—Bail., 1866b, 36 (in canard dom., poule).—Baylis, 1916, 417 to (Ascaridia).—Bellingh., 1844a, 169.—Cobbald, 1869a, 67, 68 (in fowl, capercaillie); 1877b, 5; 1879b, 382, 440.—Crep., 1839a, 282; 1846a, 134.—Dav., 1877a, xci, xcix.—Dies., 1851a, 169-170 (in A. b. dom., A. b. fer., A. a., A. m., P. g.; M. C. V.); 1861a, 663; 1861c, 277.—Duj., 1845a, 216-217.—Erc., 1875e, 37.—Ernst, 1883a, 291 (in hen's egg).—Forel, 1892a, xxiv (in hen's egg).—Generali (1883a), 87; 1883, v. 1, 88-89 (in hen's egg).—Gibel, 1857a, 268.—Hass., 1896a, 4-5 (so. Het. perspicillum); 1896b, 2 (so. H. p.).—Leuck., 1886d, 98.—Massa, 1885, 2; 1886c, 148 (in egg of Gallus dom.).—Mol., 1858d, 148-149; 1859, v. 38, 21; 1861c, 255, 286-287 (in A. b. dom., A. b. fer., A. a., P. g.).—Oerley, 1885a, 107.—Oken, 1815a, 199.—Olfers, 1816a, 62.—Rail., 1893a, 406 (so. H. p.).—[Riem (1787a) (in hen's egg).]—Schneid., 1866a, 70.—Stoss., 1888, v. 2, 279 (to H.); 1898, 76.—Verrill, 1870, 180.
- infundibulicola* Linst., 1903k, 108-109, figs. 1-2 (in Python reticulatus; Tremangaa, Siam).—Shipley, 1903, 153.
- inquis* Lint., 1901b, 410, 452, 489, pl. 6 figs. 46-52 (in Rachycentron canadus; Woods Hole); 1905d, 328, 330, 371 (in R. c.; N. C.).
- insignis* (Dies., 1851) Jägers., 1893a (1894b), 7 (453) to (Peritrachelius) (in Inia geoffroyi).
- insons* Gmel., 1790a, 3035 (in lungs of Rana temp.; Goeze, 1782a, 98) [see bufonis].—Dies., 1851a, 187 (so. nigrovenosa).—Fisch., 1799a, 98.—Rud., 1809a, 147 (so. n.).
- intestinalis* Bloch, 1782a, 28, not as specific name, but as intestinal Ascaris.]
- intestinalis* Gmel., 1790a, 3035 (in Rana temp.; Goeze, 1782a, 100).—Dies., 1851a, 314 (so. Str. auricularis).—Duj., 1845a, 131 (so. S. a.).—Mol., 1861c, 331 (so. S. a.).—Rud., 1802a, 41 (so. S. a.); 1809a, 223 (so. S. a.).—Slawikowski, 1819, 55.—Stoss., 1899, 81 (so. S. a.).
- [intestinum* Rud., 1819a, 7 ("num potius A. i. transgressa,") see Fil. vulpis; not as specific name.]
- ischnoptera* Crep., 1853a, 265-268 (Struthio, African; died in Berl.).—Dies., 1861a, 664 (in S. camelus; B.).—Rail. & Henry, 1911, 573.—Stoss., 1896a, 72 (66) (in S. c.).
- jacchi* Dies., 1861a, 667 (in Jacchus sp.; in un ouistiti mâle; Brazil); Marcel, 1858a, 340-341).—[Leuck., 1858, 108.]—Stoss., 1896a, 68 (62) (iacchi) (in J. sp.).—Also reported for Hapale sp.
- kanis* Schneidem., 1896a, 314, for canis Werner (Askaris).
- kati* Schneidem., 1896a, 322, for cati (Askaris).
- kirghisensis* Skrj., 1916, 461, 486, figs. 17-18 (intest. grêle of Aquila imperialis; prov. Syr-Darja, Turkestan russe).
- küenthalii* Cobb, 1888a (b), 4-19, 20, 22, 23 (44-59), figs. 1-20 (in Beluga leucas; N. Eismeer).—Jägers., 1898a, 738 (=simplex?).—Rail. & Henry, 1907, 1.—Stadelm., 1891, 154.—Stiles & Hass., 1899a, 107, 121, 122, 126, 144-146 (in Delphinapterus leucas; W. Spitzbergen).—Stoss., 1896a, 53 (47) (in Phoca barbata, B. l.; S.).

ASCARIS—Continued.

- labiata* Rud., 1809a, 172–173 (s. *Fus. redii*) (in *Muraena anguilla*; Europe); 1814a, 91; 1819a, 49, 290–291.—Baird, 1853a, 23.—Bellingh., 1844a, 172.—Carus, 1884, v. 1, 170.—Crep., 1841, 230.—Dies., 1851a, 161–162 (so. *anguillæ* Abildg.) (in *Anguilla acutirostris*, *A. vulg.*, *Conger vulg.*).—Duj., 1845a, 191, 205.—Hofer, 1904a, 229 (in *A. v.*).—Kœll., 1843a, 110, 117.—Krøyer, 1846–53a, 615, 641 (in *A. migratoria*, *A. conger*).—Linst., 1879a, 167–168, pl. 11, fig. 6 (in *A. v.*); 1890d, 179; 1909a, 49, fig. 4 (in *A. v.*).—Müll., 1880, 194.—Mueh., 1898b, 45.—Olfers, 1816a, 64.—Olss., 1869b, 499, 514.—Schneid., 1866a, 47, pl. 2 fig. 15 (in *A. v.*; Berl.).—Stoss., 1891, 110; 1896a, 46 (40) (in *A. v.*, *A. a.*, *C. v.*).—Also reported for *Alepoc. rostratus*.
- labri-lusci* Rud., 1819a, 58, 301–302 (in *Labrus luscus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in *L. l.*; N.).—Duj., 1845a, 184.—Par., 1894a, 218.—Stoss., 1896a, 56 (50) (so. *capsularia*).—Also reported for *Labrus turdus*.
- lacertæ* Gmel., 1790a, 3035 (in *Lacertæ palustris intestinæ*; Gœze, 1782a, 108).—Rud., 1809a, 199 (so. *l.-palustris*).
- lacertæ-palustris* Rud., 1809a, 199–200 (*lacertæ* 1790 renamed) (in *Lacerta palustris*).
- lacustris* (Linn., 1767a) Gmel., 1790a, 3036.—Dies., 1851a, 201 (so. *gasterostei*).—Rud., 1809a, 201 (so. *g.*).
- lævis* Leidy, 1856b, 51 (in *Arctomys monax*; by Packard).—Dies., 1861a, 662 (in *A. m.*; Penn.).—Hall, 1916a, 40, 41 (in *Marmota monax*).—Stoss., 1896a, 69 (63) (in *A. m.*; N. A.).
- lævissima* Baird, 1853a, 25–26 (host unknown; India); 1853b, 19, pl. 30 fig. 1; 1855a, 70.—Baylis, 1916, 411, 412.—Dies., 1861a, 661–662 (Brit. Mus.).
- lagopodis* Frœl., 1802a, 46–48, pl. 1 fig. 21, pl. 2 figs. 1–3 (in *Tetrao lagopus*; by Frœl.).—Dies., 1851a, 170 (so. *compar*).—Duj., 1845a, 218 (so. *c.*).—Fiebiger, 1912a, 302.—Hass., 1896a, 5 (so. *Het. c.*).—Mol., 1861c, 287 (so. *c.*).—Rail., 1893a, 408 (so. *H. c.*).
- lancea* (Zed., 1800) Rud., 1809a, 145, 191–192 (s. *turdi*) (in *Turdus iliacus*, *T. pilaris*); 1819a, 42 (so. *ensicaudata*).—Dies., 1851a, 184 (so. *e.*).—Oken, 1815a, 203.—Olfers, 1816a, 65.
- lanceolata* Mol., 1860e, 334 (s. *Physalopt. mucronata* Dies., 1851a, 235) (in *Champsia nigra* at Borda, Brazil; *C. lucius* in Ga.).—Drasche, 1883a, 133, pl. 10 figs. 5–11.—Linst., 1904, 4.—Stoss., 1896a, 23 (17) (in *C. n.*, Brazil; *Alligator mississippiensis*, Ga.).—Cf. *Physalopt. mucronata*, see Linst., 1889a.
- laniorum* Rud., 1819a, 54, 296–297 (in *Lanius collurio*, *L. minor*; C. E. V. by Frœl.).—Dies., 1851a, 191 (s. *collurionis* 1791) (in *L. c.*, *L. m.*; M. C. V.).—Duj., 1845a, 168–169.—Stoss., 1896a, 72 (66) (in *L. c.*, *L. m.*, *L. excubitor*).
- lari* Gmel., 1790a, 3033 (in *Lari cinerei* intest.; Bloch, 1779a, 552).—Bennet & Olivier, 1826a, 14 (in *Anas boschas*, *Larus canus*).—Dies., 1851a, 193 (in *L. ridibundus*).—Rud., 1809a, 198 (in *L. cinerarius*); 1819a, 55.—Stoss., 1896a, 32 (26) (so. *spiculigera*); 1898, 70.
- laticauda* Mol., 1860e, 335 (s. ? *Physalopt. microdactyli-marcegravi*) (in *Dicholophus marcegravi*; Zamambaya).—Dies., 1861a, 665 (in *D. m.*; Brazil).—Drasche, 1883b, 132.
- laticaudata* Trav., 1913, 276 (for *laticauda* 1860).
- lavareti* Crep., 1829b, 29–34 (in *Salmo lavaretus*; lng.).—Dies., 1851a, 178 (so. *obtusicaudata*).—Mehl., 1831a, 96.—Stoss., 1896a, 90 (84) (so. *o.*).
- leonina* Linst., 1902a, 217–218, fig. 1 (in *Felis leo*; Breslau, born in Europe); 1903u, 266.—Glaue, 1910, ZA, 745, 746, 747, 748, 749, 750, 751, 753, 754, 755, 757 (type of *Toxascaris*).—Seur., 1914, 640–641.
- leonis* Gmel., 1790a, 3031 (sub *leonis pelle*; Redi, 75, 309, pl. 9 fig. 3).—Mol., 1858c, 421 (to Fil.).—Rud., 1809a, 68, 137.
- leonis* S., F., & W., 1908a, 285, 286 (? for *leonina* Linst., 1902a, 217).
- leptoptera* Braun, 1915a, 366 (lapsus for *leptoptera*).
- leptocephala* Rud., 1819a, 46, 282–283 (in *Bufo cruciatus*, *B. igneus*, *Salamandra palustris*; Berl., Breslau, Mus. Wien).—Crep., 1839a, 281.—Dies., 1851a, 205 (so. *Hedruris androphora*).—Duj., 1845a, 179 (in *B. c.*, *B. i.*, *Proteus anguinus*, *Triton cristatus*, *T. palustris*, *T. taeniatus*).—Mol., 1861c, 293 (so. *H. a.*).

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- leptoptera* Rud., 1809a, 137, pl. 1 figs. 12-13 (in *Felis leo*; Berl.); 1810a, 297; 1819a, 41, 274.—Cobbold, 1858b, 167 (in F. l.); 1879b, 237, 303.—Dies., 1851a, 179-180 (s. *crenulata*) (in F. l., F. *concolor*, F. *onca*, F. *pardalis*); 1861a, 665 (s. *felis-discoloris*) (in F. c.; Penn.).—Dewitz, 1892b, 147.—Duj., 1845a, 162.—Glaue, 1910, ZA, 745.—Leidy, 1856b, 50.—Linst., 1878a, 1 (pars so. *mystax*).—Mol., 1861c, 279.—Nev.-Lem., 1912a, 671.—Olfers, 1816a, 63.—Rans., 1904, 45, 50.—Rail. & Henry, 1911, 13 (so. *Belasc. mystax*).—Schneid., 1866a, 38 (so. *mys.*) 39-40, fig. 1, pl. 1 fig. 5 (in F. l.).—Shipley, 1896a (1901b), 141.—Smith, 1908, 266 (in F. l.).—S., F., & W., 1908a, 285-287.—Sons., 1889, 282 (in F. l.).—Stiles & Hass., 1894e, 339 (in F. l., F. t.).—Stoss., 1896a, 16 (10) (in F. c., F. l., F. o., F. *mitis*, F. p., F. *macroura*).—Ward., 1895a, 330 pars (so. *mys.*) (in *Homo*).—Wedl, 1855, v. 17, 304; 1856, v. 19, 35.
- leptoptera* Rud. of Rayer, 1843d, 146, 148, pl. 4 fig. 7 (under conjunctiva of *Emberiza pecoris*).—Sieb., 1845a, 216.
- leptoptera crenulata* (Brems., 1824) Dies., 1851a, 179-180 (in *Felis onca*, F. *concolor*, F. *macroura*; Brazil).
- leptura* Rud., 1819a, 48, 288 (in *Testudo mydas*; Mus. Wien).—Cobbold, 1876i, 297.—Dies., 1851a, 151 (in *Halichelys atra*; M. C. V.).—Schneid., 1866a, 115.—Also reported for *T. elongata*, *Tartaruga marina*.
- leucisci-idi* Dies., 1851a, 196 (new name for *cuneiformis* of *Cyprinus idus*) (Rud., 1819a, 50) (in *Leuciscus idus*; M. C. V.).—Hofer, 1904a, 229 (in *Idus melanotus*).—Stoss., 1896a, 88 (82) (in I. m.).
- lichæ-glaucae* (Dies., 1851) Barbag. & Drago, 1903, 416 (in *Lichia glauca*).
- limbricoides* Aitken, 1874, 57 (misprint for *lumbricoides*).
- lineata* Brug., 1792a, [131], 135 (s. ? *longissima* Müell.) (in *requin*; Madagascar).—Bosc, 1802a, 36.—Dies., 1851a, 197 (of Bosc, so. *squali*).—Duj., 1845a, 192.—Rud., 1809a, 200-201 (in *Squalus*); 1819a, 56 (so. *squali*).
- lineata* Cobbold, 1861e, 123 (in *Alligator mississippiensis*; Coll. Cobbold); 1879b, 455.—Pavesi, 1881a, 294-295.
- lineata* [author not stated].—Trav., 1913, 274.
- linguatula* Par., 1894a, 218 (for *linguatulæ*).
- linguatulæ* Rud., 1819a, 58, 300-301 (in *Pleuronectes linguatula*; Nap.).—Carus, 1885, v. 1, 171.—Dies., 1851a, 200 (in *Solea vulg.*, Nap.).—Duj., 1845a, 190.—Krøyer, 1838-40a, 612 (in S. v.).—Par., 1894a, 218 (*linguatula*, in S. v.; Nap.).—Stoss., 1896a, 56 (50) (so. *capsularia*).
- linstowi* Stoss., 1896a, 65 (59) (s. *siluri* Linst., 1878) (in *Silurus glanis*; Hameln).—Hofer, 1904a, 229 (in S. g.).
- linstowi* Lint., 1901b, 410, 479-480, figs. 23-28 (in *Nematonurus goodei*; New Eng.).
- lobulata* Schneid., 1866a, 44, 193 (in *Delphinus gangeticus*; Ing.).—Jägers., 1893a, 20; 1894b, 467 fig. 37.—Krabbe, 1878a, 47, pl. 1 fig. 2.—Linst., 1903u, 266; 1907, v. 3, 37-38, 1 fig. (in *Platanista gangetica*).—Rail. & Henry, 1907, 2.—Stiles & Hass., 1899a, 108, 122, 159-161, 162, 163 (in P. g.).—Stoss., 1896a, 43 (37) (in P. g.).
- lombricoides* Bosc, 1802a, v. 2, 36.—Arslan, 1893, 353 (for *lumbricoides*).
- lonchoptera* Dies., 1851a, 176, 560 (s. *elephantis*, Str. *elephantis-indici*) (in *Elephas indicus*; M. C. V.); 1857a, 13, pl. 1 figs. 14-17; 1861a, 663.—Cobbold, 18751, 735, 737, 742 (in E. i.; India); 1879b, 393, 396, 397, 399; 1882a, 224, 225-226, 253.—Drasche, 1883b, 131, pl. 9 fig. 21.—Geddelst, 1911a, 131 (in E.; India).—Nev.-Lem., 1912a, 669.—R., H., & B., 1914, 129.—Stazzi, 1900, 3, 4, 6 (*loncoptera*).—Steel, 1878, 56.—Stoss., 1896a, 20 (14) (in E. i.).
- loncoptera* Stazzi, 1900, 6 (for *lonchoptera*).
- longa* Leidy, 1856b, 51 (in *Tantalus loculator*; Georgia).—Dies., 1861a, 657 (in T. l.; G.).—Drasche, 1883a, 140 (*conga*).—Stiles & Hass., 1894e, 340 (in T. l.).—Stoss., 1896a, 72 (66) (in T. l.; G.).
- longestriata* Stoss., 1902d(e), 64-65 (4-5), pl. 3 fig. 2-3 (in *Lichia vadigo*, *Thynnus vulg.*; Sardegna, Portoferraio).
- longipene* Polonio, 1859 [nv.].—Par. 1894a, 216, 627 (in *Anguis fragilis*; Padua).
- longissima* Müell., 1776a, 214.—Gunner, 1770, 173-174.—Herbst, 1787a, 27.—Rathke, 1799, 84.—Rud., 1809a, 200.

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- longistriata* Par., 1902c, 14 (in *Lichia vadigo*) (for *longestriata*).
- lophii* Müell., 1789a, 53, pl. 111 figs. 1-4 (in *Lophius piscatorius*).—Dies., 1851a, 164 (so. *rigida*).—Gmel., 1790a, 3037.—Rathke, 1799, 67.—Rud., 1809a, 181 (so. *r.*).—Stoss., 1896a, 26 (20 (so. *r.*)).
- lophii-piscatorii* (Dies., 1861) Stoss., 1896a, 61 (55) (in *Lophius piscatorius*; Wedl, 1855a, 385-386, figs. 21-22).
- lotæ* Linst., 1885b, 240-241, pl. 13 fig. 13 (larva in *Lota vulg.*; Ing); 1887d, 107 (in *L. v.*); 1909 (15), 54 (in *L. v.*).—Hofer, 1904a, 229 (in *L. v.*).—Stoss., 1896a, 61 (55) (in *L. v.*).—Zsch., 1903, 132, 133.
- lubricoides* Stringfield, 1889a, 207-208 (for *lumbricoides*).—Sl. & Sw., 1912a, 513.
- lucani* Frœl., 1802a, 51 (in *Lucanus capreolus*; by Frœl.).—Duj., 1845a, 194 (in *L. c.*).—Rud., 1819a, 60, 304 (in *L. c.*).
- lumbricalis* Lam., 1801a, 339 (for *lumbricoides*, see Bloch, 1782a, 29).
- lumbrici* Gmel., 1790a, 3037 (in *Lumbricus*; Gœze, 1782a, 110, pl. 4 fig. 10).—Bennet & Olivier, 1826a, 20-21.—Brug., 1791a, 95-96, pl. 31 figs. 5, 6 (in *Lumbricus terrestris*).—Humb., 1808a, 227.
- lumbrici-terrestris* Modeer, 1790a, 127.—Schränk, 1803, 198 (sub *talpæ*).
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(PARIS) Bouchut, 1867c, 165-166.—Fidelin, 1873a, 1-44.—Tonnellé, 1829a, 289-294.

Anatomy: (BELGIUM) Morren, 1838a, 168-183, figs. 1-20; 1838b, 314-320.

(DEUTSCHLAND) Schmalz, 1827c, 73-94.

(FRANCE) Cloq., 1824a, 1-130.—Cloq. & Morren, *ASn*, v. 9, 316.—Lignerolle, 1866a, 210 (éventration).

(GR. BRIT.) Hooper, 1799a, 9, 12-23, pl. 1.

ASCARIS lumbricoides—Continued.

Anatomy—Continued.

- (ITALY) Gaddi, 1854a, 182-183.
 (LONDON) Lowne, 1871a, 55-64, pls. 75-76.
 (LYON) Gérard, 1842b, 45-78.
 (MUELHAUSEN I. E.) Voltzenlogel, 1902, ZJ, v. 16, 481-510, pl. 1-3 figs. 1-20; 1902b, 1-32, figs. 1-20; 1902c, 778-779: 1905a, 31-32.
 —, armature: (FRANCE) Guiart, 1899b, 2 (cf. conocephalus).
 —, cuticle: (DEUTSCHLAND) Goldschmidt, 1904, ZA, v. 28, 259-266, figs. 1-9.
 (NEPOMUK) Czermak, 1852a, 755-762; 1852b, 1-9; 1879a, 157-163, figs. 1-2.
 —, excretory system: (WARSAW) Nassonov, 1898m, 1-30, pl. 1, 133-176, pls. 1-2.
 —, genital system: (DEUTSCHLAND) Balss, 1906, ZA, v. 30, 485-487, fig. 1; 1907, JRMS, (176), 45 (abnormal).
 (HEIDELBERG) Sheviakov, 1894b, 473-476, figs. 1-2 (abnormal).
 (ROME) Ceresoli, 1912, BSzi, v. 1 (5-8), 161-163, fig. 1.
 —, muscles: (DEUTSCHLAND) Bilek, 1910, AA, v. 37 (2-3), 67-68.
 —, nervous system: (BRESLAU) Rohde, 1883b, 71-76 (see Joseph, 1882b).
 (DEUTSCHLAND) Dogiel, 1908, ZwZ, v. 91, 659-662.—Friedländer, 1888a, 47-84, figs. 1-12; 1888b, 1-56.—Goldschmidt, 1908, ZwZ, v. 90, 73-136, pls. 1-3 figs. 1-22; 1908, ZC, v. 15 (18-19), 560-563; 1909, ZwZ, v. 92, 306-357; 1909, ZC, v. 16 (9-10), 275-278; 1909, JRMS, (1), 51; 1910, JRMS, (2), 170; 1910, FH, v. 2, 253-354, pls. 1-7 figs. 1-29.
 —, "Seitenfelder": (WARSAW) Nassonov, 1898m, 1-30, pl. 1; 133-176, pls. 1-2.
 —, Sense organs: (DEUTSCHLAND) Goldschmidt, 1903b, 1-57, figs. A-D, 1-40; 1903c, 2534; 1903d, 203-204; 1904, ZC, v. 11 (11-12), 378-380.
 —, subcuticular layer: (FRANCE) Jammes, 1892a, 321-342, figs. 1-6; 1893a, 188-189.

ASCARIS lumbricoides, associated with:

- Addison's disease: (INDIA) Bedell, 1914, IMG, v. 49 (8), 313-314 (and hysteria).
 Appendicitis: (ABBEVILLE) Douriez, 1901a, 403-404.
 (AUSTRIA) Genser, 1901a, 917-922; 1902a, 131; 1902b, 811.
 (CAMBRIDGE, ENG.) Shipley, 1909f, 263-279; 1909g, 354.
 (CHARLESTON, W. VA.) Cannaday, 1909, JAMA, v. 53 (13), 1029 (perforation).
 (CHINA) Fauquet, 1909, BSPe, v. 2, 606-610; 1910, BIP, v. 8 (8), 353.
 (DEUTSCHLAND) Wolff, 1894a, 114.
 (EDINB.) Graham, 1913, EMJ, v. 10, 437-444, fig. 1.
 (FRANCE) Arboré-Rally, 1900, 738-740.—Brun, 1900, BMSMCp, v. 26, 311-312.—Cantas, 1903, Pm, (61), 550; 1903, NYMJ, v. 78 (9), 432.—Gaide, 1904, AHMc, v. 7 (4), 575-595; 1905, AST, v. 9 (11), 522.—Henry, 1912, RMHt, v. 9 (2), 130-131; 1913, TDB, v. 1 (8), 437-438.—Jalaynier, 1913, Pm, v. 21 (98), 986.—Le Roy des Barres, 1903b, 1223-1224; 1903c, 282; 1904a, 619-620; 1904b, 433.—Triboulet, 1901a, 417-419; 1902a, 131; 1902b, 912.
 (GR. BRIT.) Andrews, 1906, BMJ, v. 2, 1174 (removal of a stercolith).—Anley, 1906, BMJ, 677-678; 1906, 600; 1906, CPA, v. 17 (13), 533; 1906, FM, v. 24 (16), 501-502.—Cast., 1906, BMJ, v. 2, 252-253, fig. 1; 1906, MR, v. 70 (8), 309; 1906, DmW, v. 32 (33), 1349; 1907, CPA, v. 18 (3), 102.—Clayton, 1904, JTM, v. 7 (3), 33-35 (in the China fleet); 1906, BMJ, v. 2, 668.
 (LEXINGTON, KY.) Patterson, 1850a, 323.
 (MARSEILLE) Poucel, 1904a, 150-151.
 (PARIS) Gouraud & Martin-Durr, 1893b, 663.—Metchn., 1901b, 301-311; 1901c, 225-227; 1901d, 591-592; 1901e, 30; 1902a, 234-235; 1902b, 941.
 (RUSSIA) Morkowitin, 1904a, 323; 1906a, 36-37.
 Cardiac paralysis: (JAPAN) Hatton, 1910, SiKMJ, v. 29 (5).
 Cerebro-spinal fever: (CLEVELAND, OHIO) Lichty, 1904a, 456-458.
 Dysentery: (CONGO) Firket, 1897, BAM, v. 11, 451-463, figs. 1-6.
 (FRANCE) Broussais, 1826c, 243-244.
 Febris verminosa: (DEUTSCHLAND) Zimmermann, 1853a, 33, 34.
 Gastritis: (FRANCE) Broussais, 1826b, 115-120.
 (PARIS) Masson, 1905a, 1-67.

ASCARIS lumbricoides—Continued. *

- Meningitis: (ALATRI) Buglioni, 1893a, 265-268.
 (FRANCE) Lebon, 1863a, 373-375; 1864a, 242-243.—Triboulet, Ribadeau-Dumas & Ménard, 1908a, 519-523.
- Nervous disorders: (SHEFFIELD, ENG.) Holland, 1845a, 325-326.
- Peritonitis: (BERRY STATION, Ky.) Stewart, 1882a, 388-389.
 (DEUTSCHLAND) Ziemann, 1905h, 32-33; 1905i, 634; 1905m, 57-58; 1905gg, 177.
 (FRANCE) Bonnel, 1914, BMSa, v. 16, 112-114.—Broca, 1904, Sept.; 1904, Dec. 20, 2312.
 (GR. BRIT.) Spencer, 1909, WHR, v. 16, 36-38 (acute septic peritonitis).
 (ROUMANIA) Urechia & Bruteanu, 1913, Spit., v. 33 (4), 89-92.
 (SPAIN) Estape, 1903, RMC, v. 17, 515-520.
 (STOCKHOLM) von Düben, 1854a, 341-348; 1855a, 317-326.
- Perityphlitis: (BELGIUM) Allard, 1889, 89-90.
 (GREIFSW.) Fresen, 1908, Diss., 1-31 (in Abszessen).
- Pernicious anemia: (GR. BRIT.) Gomess & Bilderbeck, 1907, L, v. 172, 51.
 (MISCELLANEOUS) Karvonen, 1893a.
- Placenta previa (complete): (U. S. A.) McGehee, 1909, VMSM, v. 14 (8), 182-183.
- Traumatic tetanus: (GR. BRIT.) Johns., 1858a, 886-887.
- Typhoid fever: (PHILA.) Riesman, 1902c, 55-56.
 (WOLVERHAMPTON) Reynolds; 1892a, 682.
- Cases: (ASHLAND, PA.) Merkel, 1886a, 404.
 (BRAZIL) Parreiras, 1916, AbM, 530-536 (hepatic); 1917, TDB, v. 10, 116-117.
 (BRISTOL, ENG.) Prichard, 1859a, 854-855.
 (CHICAGO) Stringfield, 1889a, 207-208 (obscure symptoms).
 (EDINB.) Omond, 1856a, 1048-1049 (attended with hemoptysis).
 (FRANCE) Plateau, 1902a, 177-178.
 (GR. BRIT.) Prichard, 1859a, 854-855.
 (HUNGARY) Peteri, 1910, Oh, v. 54, 419; 1911, JK, v. 73, 352-356; 1912, Pm, v. 20 (9), 100.
 (INDIA) Milne, 1907, IMG, v. 42 (4), 140; 1907, JAMA, v. 48 (23), 1990.—Playfair, 1826a, 407-408 (cured by the mudar).
 (ITALY) Maradei, 1902a, 1-14.—Mya, 1894, BdC, v. 11, 293-298 (geophagia).
 (KNYSNA, CAPE COLONY) Haw, 1904a, 1722 (132 cases, symptoms).
 (LIVORNO) Giuntini, 1829a, 16-25.
 (LONDON) Corrie, 1893a, 116; 1893b, 612.—MacRae, 1899a, 786 (necropsy); 1899b, 645.—Tirumurti, 1913, JTMH, v. 16, 379-380.
 (MINE RUN, VA.) Jordan, 1909, VMSM, v. 13 (23), 548-550.
 (MOSKOW) Miller, 1893a, 319-332 (in 3 weeks child); 1894a, 484-485.
 (NEW ORLEANS) Charbonnet, 1887, NOMSJ, v. 15, 122.—de Grange, 1887a, 122-123 (145 worms).
 (PARIS) d'Ardenne, 1879, v. 4 (151), 393-394.—Bull. gén. d. Thérap., 1846, v. 31, 211-212.—Monod, 1870a, 394-405.
 (PHILA.) Goodell, 1871a, 182.
 (U. S. A.) Blatchly, 1829a, 209-210.—Bradford, 1843a, 300-302.—Haynes, 1913, JSCMA, v. 9, 340.—Macht, 1914, BJHH, v. 25, 132.—Morland, 1858a, 62-63; 1859a, 207-208.
- Cases, fatal: (EDINB.) Brown, 1824a, 663-665.
 (FRANCE) Archambault, 1884, 34-35.—Bertet, 1856a, 267-268.
 (HAVANA) Arteaga, 1909, RMCH, v. 14 (1), 3-8; 1909, JAMA, v. 52, 15-16.
 (INDIA) Castor, 1903, IMG, 295-296 (perforation).
 (JAPAN) Katsurada, 1899a, 3-14 (migration); 1899b, 728.
 (LEXINGTON, Mo.) Winsor, 1848a, 308-309.
 (LOOCHRISTY, BELGIUM) Vermeulen, 1898a, 769-774; 1898b, 49.
 (PARIS) Bretonneau, 1826a, 23-25.
 (TRINIDAD) Rake, 1890a, 26-27.
 (VIRGINIA) Hazen, 1910, ODJMS, v. 10 (2), 127-128.

ASCARIS lumbricoides, as cause of—

Amaurosis and strabismus: (GR. BRIT.), Hogg, 1888b, 112.

Anasarca and chorea: (ATLANTA, GA.) Boring, 1866a, 247.

Asphyxia: (LEMBERG) Finger, 1861a, 94-95.

(PARIS) Fournie, 1898a, 23-29.

(ROUMANIA) Leon, 1913, 380-382, fig. 1 (fatal).

(TRINIDAD) Rake, 1887a, 1274.

Catalepsy: (PARIS) Bourgeois, Rev. méd., v. 2, 451.

"Congestive chills": (U. S. A.) Hutchinson, 1879a, 393-394.

Convulsions: (CALCUTTA) Gupta, 1913, IMG, v. 48, 332 (infantile).

(FRANCE) Bru, 1909, Rv. (4), 212; 1909, JCPT, v. 22 (2), 158-160; 1909, RMv, v. 86 (13), 462-464; 1909, VR, v. 22, 70; 1909, JMVZ, v. 60, 432; 1909, DtW, v. 17 (51), 761 (in a young pig).

(PARIS) Colin, 1870a, 184.

(PETROGRAD) Troitski, 1888a, 240-241 (infantile).

(TRINIDAD) Rake, 1886a, 66; 1888a, 642.

(TURKEY) Naab, 1902a, 793; 1902b, 908; 1902c, 754; 1902d, 284; 1903a, 505.

Dyspnœa: (NEW YORK) Sente, 1850a, 167-169.

Enteralgia: (JAPAN) Nagahama, 1915, SiKMJ, v. 34 (5), 27-28.

Enteritis: (DEUTSCHLAND) Petrenz, 1836a, 147-149; 1837a, 143.

(INDIA) Fearnside, 1904, IMG, v. 39 (4), 126-131.

Enterospasmus: (DEUTSCHLAND) Kieselbach, BkC, v. 76 (1), 204-208, 1 fig.; 1911, BkW, v. 48 (48), 2176; 1912, TG, v. 36, v. 28 (4), 283-284.—Schaal, 1912, MmW, v. 59 (48), 2619-2621.

Epilepsy: (FRANCE) Michel, 1842a, 375-377; 1842b, 353-354; 1843a, 451.

(NUREMBERG) Hoffm., 1742a, 425-426.

(ROME) Cond.-Franc., 1915, Pol., v. 22 (31), Aug. 1; 1916, JAMA, v. 65 (10), 913.

Gastrorrhagia: (FRANCE) Andrieu, 1884, 166-168.

Hemiplegia: (DUBLIN) Williams, 1859a, 488-490 (temporary).

(PARIS) Girard, 1884a, 448-449.—Sigaud, 1904a, 735.

Ileus and volvulus: (DEUTSCHLAND) Melikianz, 1912, AmCZ, (15); 1912, FM, v. 30 (35), 1111.

(ITALY) Cartolari, 1913, GdOC, v. 34 (73), June 19.

Intestinal impaction, obstruction, occlusion: (BROOKLYN, N. Y.) Bartley, 1898a, 272-274; 1898b, 868 (simulating appendicitis).

(DEUTSCHLAND) Schulthof, 1903a, 1035-1036; 1903b, 69; 1903c, 890; 1903d, 1363; 1903e, 143; 1904a, 858-859.

(ENG.) Vickery, 1913, BMJ, v. 2, 1534.

(INDO-CHINA) Ferris & Heymann, 1914, BSmcIC, v. 5 (8), 332-336; 1916, TDB, v. 7 (6), 360.

(JAPAN) Takaki, 1915, SiKMJ, v. 34 (5), 28-29; 1915, JAMA, v. 65 (1), 59; 1915, TDB, v. 6 (6), 304-305.

(LAUFFEN) Neuffer, 1861a, 61; 1861b, 137-138; 1861c, 325-326; 1861d, 288-289,

(LEXINGTON, Ky.) Bullock, 1903, AM, v. 5 (5), 170.

(LONDON) Downes, 1880a, 893-894; 1881a, 69.

(NANCY) Simon, 1892a, 225-230; 1892b, 666-667; 1893a, 226-227.

(PARIS) Fayon, 1901a, 1-44.

(PHILA.) Anders, 1903a, 1247.

(TODDINGTON, BEDS) Waugh, 1883a, 968-969.

(U. S. A.) McGlannan, 1917, SMJ, 977-979; 1917, TDB, 271-272.—Morland, 1857a, 409-417; 1859b, 65-75.—Perret & Simon, 1917, JAMA, 244-245, 1 fig.—Venning, 1910, JAMA, v. 54 (25), 2041-2042; 1910, JTMH, v. 13 (13), 2064.—Whelan, 1910, JAMA, v. 55 (17), 1442-1443 (autopsy).

Jaundice: (GR. BRIT.) Batterbury, 1878a, 721.

Mental disorders: (BUDAPEST) Deák, 1912, PmcP, v. 49, 65 (pyromania).

(GHEENT) Vermeulen, 1855a, 330-340.

ASCARIS lumbricoides, as cause of—Continued.

- Multiple abscess of liver: (INDO-CHINA) Degorce, 1912, BSmeIC, v. 3 (8), 559; (10), 664-666, pls. 1-2, figs. 1-3.
- Pancreatitis: (JAPAN) Izumi, 1915, MmF, v. 2, 61; 1915, Germ. ed., 783; 1916, JAMA, v. 67 (20), 1480.
- Pseudo-meningitis: (BESANÇON) Robbe & Duvernoy, 1908a, 39-41.
(ITALY) Pierantoni, 1903a, 694-696; 1903b, 75; 1903c, 242.
(LYON) Laugier, 1863a, 544-546.
(PARIS) AHMc, 1911, v. 14, 635.
(RUSSIA) Bochkovski, 1914, VmJ, v. 239 (45).
- Suppression of urine: (PHILA.) Bogert, 1900a, 746-747; 1900b, 1182.
- Urticaria: (DEUTSCHLAND) Huber, 1896a, 583.
- Vomiting: (BERL.) Pollnow, 1908, BkW, v. 45 (48), 2166 (während einer Scharlacherkrankung).
(BOLOGNA) Ruggi, 1872a, 15.
(DEUTSCHLAND) Lowenthal, 1908, BtW, (32), 557; 1909, Cv, v. 32 (6), 89.
(ROSHEIM) Schuh, 1857a, 59-60.

ASCARIS lumbricoides:

- Cytology: (DEUTSCHLAND) Boveri, 1888a, 1-93, pls. 1-4 (Richtungskörper).
- (MISCELLANEOUS) Edwards, 1910, AZ, v. 5, 422-429, pls. 1-2 (idiochromosomes).
- Description: (GR. BRIT.) Fagge & Pye-Smith, 1902a, 461-462.
(LEIPZIG) Treutler, 1793a, pl. 3, figs. 5, 6.
(LOND.) Mans., 1901c, 544-545.
(PARIS) R. Bl., 1888a, 661-704, figs. 340-348.
(PHILA.) Anders, 1903a, 1247.—Tyson, 1903a, 1189-1190.
- Development, Entwicklung, etc.: (HALLE A. S.) Brand., 1896c, 839-841; 1897a, 239.
(LOND.) Mans., 1903e, 643.—Stewart, 1917, P, v. 9 (2), 213-227, figs. 1-9, pl. 1 figs. 1-12 (in rat and mouse).
(LYON) Gérard, 1842a, 163-169 (spontaneous generation?).
(NORWAY) Bonnevie, 1902, NMN, v. 40, 103-104.
(PARIS) Dav. 1858e, 295-300; 1858f, 1217-1219; 1859a, 105; 1859b, 157-159; 1859c, 700; 1863c, 261-265; 1863d, 420-421.
(PADUA) Scortegagna, 1841a, 355-369, pl. 1 figs. 1-8.
(PHILA.) Tyson, 1903a, 1190.
(PHILIPPINES) Wharton, 1915, PJS, v. 10 (1), 19-23.
- Diagnosis (clinical and zoological): (FRANCE) Bouchut, 1862c, 258-260.—Fortineau, 1842a, 1-10.
(GR. BRIT.) Fagge & Pye-Smith, 1902a, 463.
(NEW YORK) Comby, 1897, 20 Cen. Pr., 644.
(PHILA.) Anders, 1903a, 1247.—Lockwood, 1901a, 822.
(MISCELLANEOUS) De Nabias, 1905, Sept. 23, 514.
- Eggs: (CHINA) Logan, 1906, CMMJ; 1906, JTM, v. 9 (23), 369; 1907, NYMJ, v. 86, 1164, figs. 1-2; 1907-08, ASTM, v. 3, 1-4, figs. 1-2.
(DEUTSCHLAND) Looss, 1905c, 117, 118; 1911a, 316-317.
(FRANCE) R. Bl., 1888a, 661-704, figs. 340-348.
(JAPAN) Miura & Nishiuchi, 1902a, 637-641, fig. 1; 1902b, 1894; 1902c, 307; 1905a, 29.
(KÖLN) Leichtenstern, 1885b, 502.
(NORWAY) Bonnevie, 1902, ZnV, v. 37, 83-104, pls. 1-3 fig. 1; 1905, 30 (segmentation).
(PHILIPPINES) Wharton, 1915, PJS, v. 10, 19-23; 111-115.
(U. S. A.) Foster, 1913, S, v. 37, 78 (atypical forms); 1914, JP, v. 1 (1), 31-36, figs. 1-4.—Morris, 1911, BJHH, v. 22, 299-300 (viability in 2% formalin).
Smith & Goeth, 1904, JAMA, v. 43 (8), 544, figs. 1-4.
(MISCELLANEOUS) Nicholls, 1912, 82 (carried by *Limosina punctipennis*).

ASCARIS lumbricoides—Continued.

- Eosinophilia: (GR. BRIT.) Coles, 1902a, 1138.
 (NEW YORK) Herrick, 1913, AIM, v. 11 (2), 165–186, figs. 1–10; 1913, TDB, v. 1 (12), 701–702 (anaphylaxis).
- Epidemics: (PLATTE Co., Mo.) Chesney & Brock, 1868a, 443–445.
 (FORLÌ) Sbertoli, 1872a, 43–49 (terrible invasione).
- Erratic migration, wanderings: (AUSTRIA) Drasche, 1882a, 1285–1289, 1381–1384; 1883, GmB, v. 7 (10), 572–573; 1883, AgM, v. 11, 609–612.
 (GENOA) Minaglia, 1859a, 177–193.
 (LOND.) Christie, 1914, JRAMC, v. 23 (2), 201–205, pls. 1–2.
 (PARIS) R. Bl., 1889a, 685–699.
 (SPAIN) Monotoyo, 1915, RMC, v. 6 (6), 209–212.
 (U. S. A.) Mahood, 1908–09, WVMJ, v. 3, 265.
 (ZURICH) Eichhorst, 1901a, 302.
 (MISCELLANEOUS) Nard, 1907, Feb. 8, 206.
- , biliary ducts: (DEUTSCHLAND) Huber, 1896a, 584.—Rosenthal, 1913, DZC, v. 121 (5–6), 544; 1913, MmW, v. 60 (21), 1162–1163; 1913, CfB, v. 58 (10), 299; 1914, Diss. Heidelberg (simulating cholelithiasis).—Scheuthauer, 1878a, 63–69.
 (EGYPT) Kartulis, 1887a, 65–67.
 (GOTT.) Mertens, 1898a, 358–360; 1898b, 21.
 (ITALY) Pellizzari, 1864a, 44–56; 1864b, 3–17.—Tenderini, 1852a.
 (MONTPELLIER) Sahattchieff, 1906a, 1–57.
 (NAP.) Viola, 1896a, 603–605.
 (PARIS) Bonfils, 1858a, 661–687; 1858b, 1–28; 1859a, 295; 1859b, 254.—Bourgeois, 1856a, 279–280.—Forget, 1856a, 261–262.—Lenormant, 1913, Pm, v. 21 (50), 488–491.—Schloss, 1856a, 870 (icterus); 1856, BSa, v. 31, v. 1, 361–364.
 (PHILA.) Anders, 1903a, 1247.
 (RASGRAD) Oks, 1883a, 337–338; 1883b, 479; 1883c, 637; 1883d, 432.
 (ROSTOCK) Schæfer, 1900a, 1–19.
 (MISCELLANEOUS) Hilleary, 1905, Nov. 25, 1655 (obstructive jaundice).
- , Ductus choledochus: (PETROGRAD) Rozenblatt, 1892a, 675–676; 1893a, 563–564 (hepatitis purulenta).
- , Ductus hepaticus: (WIEN) Hinterstoisser, 1913, WkW, v. 26, 456–457; 1913, DmW, v. 39 (14), 669.
- , ear: (BOURG-ARGENTAL) Dagan, 1883a, 258–259 (rougeole).
- (DENMARK) Holm, 1909, UfL, v. 71, 149; 1909, BMJ, v. 1, 49–50 (Eustachian tube).
- (PARIS) Coussieu, 1914, Pm, v. 22 (43), 416–417.
 (PHILA.) Turnbull, 1881a, 32–37 (perforation of the membrana tympani).
- , Fallopian tube: (ITALY) Bizzozzero, 1867a, 424–427.—Il Morgagni, 1867.—JHHR, 1894, v. 3 (28–29), 375.
- , genito-urinary system: (DEUTSCHLAND) Bauereisen, ZgU, v. 4 (5); 1914, MmW, v. 61 (3), 92 (weibliche Harnblase).—Mombert, 1833a, 70–74.
 (FRANCE) Alexandre, 1857, 168 (urethra).—Du Jardin & Bernardi, 1873a, 273–281; 1873b, 1119–1120; 1874a, 24; 1874, AMJ, v. 2 (2), 82; 1877, FM, v. 24, 107 (urethra).
- (ITALY) Orioli, 1828a, 240–243 (vescica).—Tenderini, 1858a, 257; 1873a, 369–372; 1874a, 82–83.
- (NEW YORK) Clark, 1844a, 384–385 (urethra).
- (RUSSIA) Karnitsky, 1902a, 1288–1289; 1902b, 607; 1904, RmR, v. 2 (7), 428–429 (vagina).
- (U. S. A.) Krackwizer, 1867a, 174–179; 1867b, 494–495 (urethra).—Porter, 1874a, 235 (bladder).
- , groin: (BERGAMO) Contini, 1834a, 61–63; 1834b, 47–48.
 (DEUTSCHLAND) Schelhammer, 1687a, 19–22.
 (ITALY) De-Pietra Leone, 1899a, 291–292.

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Erratic—Continued.

- (LOND.) Howell, 1845a, 35; 1846a, 241 (symptoms of hernia).
 (SPAIN) Batalla, 1859a, 64.
 (SWEDEN) Blom, 1810a, 115–119 (glands).
 (SWITZERLAND) Buxtorff, AH, v. 7, 106.
 —, hydropneumothorax: (PARIS) R. Bl. & Letoux, 1914, BAM, v. 72, 27–35; 1914, Pm, v. 22 (58), 563.
 —, intestines (from): (CALCUTTA) Pillay, 1902a, 600–601 (abdom. wall).
 (DEUTSCHLAND) Borger, 1891a, 1–19, figs. 1–2 (liver).—Zipperlen, 1842a, 1–19.
 (GR. BRIT.) Archer, 1857, 215–216 (large intest.).
 (SAAZ) Loewy, 1895a, 253; 1896a, 198.
 (TORINO) Linoli, 1854a, 129–142 (cecum).
 —, —, perforation: (DEUTSCHLAND) Garmann, 1670b, 321.—Heister, 1727a, 391–392.—Schröder, 1887a, 1–22, pl. 1.—Silchmueller, 1762a, i–viii.
 (DOUBLENS) Veret, 1837a, 70–72; 1837b, 569–570.
 (DUBLIN) Gordon, 1870a, 178–179.
 (FRANCE) Duf., 1905, GG, v. 20, 97–99.—Millard, 1911, AMPm; 1911, MS, v. 28 (5), 560.
 (GR. BRIT.) Lettsom, 1817a, 114–121.
 (GREECE) Apostolides, 1886, 488; 1898, 1254.
 (GRENOBLE) Carlier, 1905, v. 29 (4), 103–112.
 (ITALY) Conte, 1865a, 366; 1865b, 451; 1865c, 401.
 (LEIPZIG) Ludwig, 1762, i–viii.
 (PARIS) Julien, 1908, RgCT, v. 22, 247.
 (PIEDMONTE A'ALIFE) Coppola, 1842a, 129–131; 1843a, 192.
 (RUSSIA) Anrep, 1877, 400 (escape thru ventral wall).—Petrovsky, 1881a; 1881b, 269–270.
 (U. S. A.) Ager, 1903, JAMA, v. 40 (9), 565–566; 1903, MR, v. 63 (10), 387–388; 1903, PMJ, v. 11 (10), 410.
 (ZURICH) Gyser, 1797a, 203–204.
 —, liver: (CEYLON) Chalm., 1904, SZ, v. 2, 47–49, pl. 1 figs. 1–2.
 (DEUTSCHLAND) Dunkel, 1897, 1–30 (abscess).—Leick, 1898a, 313–314 (abscess).
 (EGYPT) Kartulis, 1887a, 65–67.
 (FRENZE) Mattei, 1857a, 193–196; 1857b, 490–500.
 (FRANCE) Bargioni, 1864a, 365–368.—Bossuat, 1902, v. 6 (2), 193–197.—Mongour & Marchand, 1898a, 262–263; 1898b, 572 (icterus; miliary abscesses; fatal).
 (ITALY) Agostinalli, 1814, 168–170 (twined around a calculus).—Maurizi, 1902a, 198–223; 1904a, 736–737.—Pellizzari, 1864a, 44–56; 1864b, 3–17.—Pisano, 1858a, 575–576; 1858b; 1858c, 115–120.
 (LOND.) Thoms., 1901a, 164 (multiple abscess).
 (LYON) Vinay, 1869a, 251–253 (icterus); 1870a, 35–37.—Xémard, 1908a, 1–85.
 (MONTPELLIER) Sahatchieff, 1906a, 1–57.
 (MOSKOW) Krasnobayef, 1894a, 898–900.
 (NAP.) Viola, 1896a, 603–605.
 (PARIS) Bourgeois, 1856a, 279–280.
 (RASGRAD) Oks, 1883a, 337–338; 1883b, 479; 1883e, 637; 1883d, 432.
 (ROME) Schupfer, 1904b, 294–296; 1904c, 473; 1904d, 899; 1904e, 192.
 (ROSTOCK) Schaefer, 1900a, 1–19.
 —, mouth: (LOND.) Moore, 1852a, 532.
 (U. S. A.) Morland, 1857a, 409–417; 1859b, 65–75.
 —, muscle of neck: (GENOA) Brigidi, 1892a, 622–623, fig. 1 (passando a traverso la colonna vertebrale da un ascesso scrofuloso apertosi nella faringe).
 —, nostril: (BANGOR, MAINE) Laughton, 1871a, 181–182.
 (BOSTON) BMSJ, 1842–43, v. 27, 121 (thimble as a worm-trap).

ASCARIS lumbricoides—Continued.

Erratic—Continued.

- (DEUTSCHLAND) Lange, 1788a, 154–160, pl. 1 (frontal sinus).
 (LYON) Martin, 1798a, 397–399.
 —, ovary: (DEUTSCHLAND) Amann, 1905, MGG, 166; 1906, BMJ, v. 1, 71.
 (U. S. A.) Fry, 1909, MR, v. 75 (26), 1123; 1909, JAMA, v. 53 (13), 1028; 1909, CfB, v. 45 (6), 179.
 —, pancreas: (CEYLON) Chalm., 1904, SZ, v. 2, 47–49, pl. 1 figs. 1–2.
 (GR. BRIT.) Nash, 1883a, 770.
 (LYON) Xémard, 1908a, 1–85.
 —, pancreatic ducts: (ITALY) Ghedini, 1904, GdO, v. 25 (136), 1435–1436; 1904, DmW, v. 30 (49), 1820; 1905, NYMJ, v. 81 (1), 40; 1907, CfB, v. 39 (23–25), 782.
 (LOND.) Nash, 1883a, 770.
 (TÜBINGEN) Gmel., 1738a, 1–28.—Mauchart, 1738a.
 —, peritoneal cavity: (BONN) Liesen, 1904a, 1–33; 1905a, 328–329.
 (LYON) Gavard, 1888a, 537–538.
 (PRAG) Bergmann, 1890a, 617–618; 1891a, 259.
 (U. S. A.) Poucet, 1890, v. 1, 20; 1894, JHHR, v. 3 (7–8–9), 374.
 —, peritoneum: (PARIS) Becquerel, 1841a, 169–170 (perforation of cecal appendix).
 (PAVIA) Sangalli, 1880a, 18–24.
 —, pleural cavity: (CHILI) Teofili, 1904a, 129–134.
 (BERLIN) Luschka, 1854a, 410–412; 1854b, 527.
 (TORINO) Balliano, 1917, GrAM, 185–193.
 —, stomach: (U. S. A.) Lente, 1850a, 167–169 (dyspnoea).
 —, trachea: (CHRISTIANIA) Norman, 1881a, 272–274.
 (DENMARK) Hanstedt, 1910, HT, v. 3 (20), 551–555; 1910, DmW, v. 36 (23), 1103 (death by strangulation).
 (LYON) Rabot, 1904a, 864–865.
 (MÜNCHEN) Dressler, 1869a, 338–342.
 (PARIS) Bourgeois, 1856a, 279–280.
 (STRASBOURG) Arronsohn, 1855, AgM, v. 6, 475–478 (asphyxia).
 (WIEN) Fürst, 1879a, 52–54, 111–113, 140–143.
 —, umbilicus: (BERL.) Borggreve, 1841a, 117; 1842a, 353.
 (DEUTSCHLAND) Berner, 1876a, 238–239.
 (DUBLIN) MacSwiney, 1875a, 251–253 (fistula).
 (FORLÌ) Casali, 1879a, 281–291.
 (GLASGOW) MacPhail, 1886a, 8–9.
 (HOLLAND) Was, 1790a, 473–484.
 (ITALY) Girone, 1838a, 145–155; 1838b, 231–232.—Nicolich, 1845a, 89–91.—Polvere, 1834a, 96–99.
 (KASHMIR, INDIA) Mitra, 1891a, 381–382.
 (NAP.) Clemente, 1878a, 358–368.—Licci, —?—, Filiatre-sebezio, v. 12, 234–235; 1838a, 567–568.—Mercogliano, 1838a, 295–296.
 (PARIS) Lini, 1837b, 428.—Poussin, 1817a, 81–88.
 —, uterus: (FRANCE) Bedel, 1856a, 549–551 (complicating hydrometritis).
 Etiology: (FRANCE) R. Bl., 1900g, 486 (rôle des eaux et des légumes).
 Expulsion: (BALTIMORE) Pole, 1883a, 184–186 (441 worms in 34 days).
 (BOSTON, MASS.) Williams, 1857a, 163; 1859a, 81 (with a dress hook attached).
 (COSHOCOTON, OHIO) Morton, 1833a, 28–35.
 (ITALY) Aless., 1899, 83–84 (abnormal).
 (TOULOUSE) Bessières, 1848a.
 Geographic distribution: R. Bl., 1888a, 661–704, figs. 340–348.—Comby, 1897, 20 Cen. pr., v. 12, 642–644 (increasing rarity in cities).—Mans., 1903e, 642–643.
 (AMAZONAS, BRAZIL) da Matta, 1914, 388.

ASCARIS lumbricoides—Continued. *

Geographic distribution—Continued.

- (BOLIVIA) von Marter, 1907, RMCA, v. 3 (30), 742-749.
 (CANNANORE, INDIA) Fearnside, 1897a,—; 1898a, 468 (in Central Jail).
 (CARTHAGE) Galli-Val., 1907, 213, 214, 224.
 (CHINA) Maxwell, 1916, 238.
 (CHINA AND INDO-CHINA) Regnault, 1904a, 133-134.
 (CHINA AND JAPAN) Vidal, 1865a, 1-87.
 (COSTA RICA) Jamison, 1913, 70.
 (DARBHANGE DISTRICT, INDIA) Calvert, 1900a, 385.
 (EGYPT) Pruner, 1847a, 244.—Sons., 1883, v. 1, 155.
 (ENGLAND) Copeman, 1842a, 70 (sheep).—Rans., 1856a, 599-600.
 (FRENCH COLONIES) Kermorgant, 1904g, 335-342; 1904h, 1455; 1904k, 192.
 (FUKIEN, PROVINCE, CHINA) Cattoi, 1905, Jan. 7, 13.
 (GRANDE COMORE) Lamoureux, 1913, BSPE, v. 6 (6), 455-457.
 (GREENLAND) Leuck., 1863a, 440.
 (GULF OF GUINEA, W. AFRICA) Daniell, 1849, 53.
 (HAWAII) Lutz, 1893a, 126.
 (KAIROWAN) Galli-Val., 1907, 213, 214, 224.
 (KIEL) Lienau, 1896a, 1-13.
 (LANGENBURG, NYASSA-SEE, AFRICA) Linst., 1901, 409.
 (LORRAINE) Perrin & Thiry, 1913, RmE, v. 45 (11), 422 (in iron mines).
 (MALABAR DISTRICT, INDIA) Nair, 1914, IMG, v. 49 (9), 349-352; 1914, TDB, v. 4 (9), 526.
 (MOMBASA) Shircore, 1916, 239, 240, 241, 242, 243.
 (NEW S. WALES) Tidswell & Johnst., 1912, v. 2, 112.
 (NORMANDY) Spalikowski, 1897a, 1056; 1898a, 352.
 (PHILA.) Smith, A. J., 1911, 170, fig. 1 (in Russian).
 (PORTO RICO) A., K., & G., 1904, Dec. 1, 91.
 (QUEENSLAND) Nicoll, 1914, Sept. 12, 4.
 (ROUMANIA) Leon, 1913, 380-382, fig. 1.
 (SICILY) Caland., 1889a, 67; 1890a, 95, 100-106; 1904, 63.
 (S. AFRICA) Gough, 1908, 3.
 (SPANISH HONDURAS) Barlow, 1915, 272.
 (TONKIN) Abbaticucci, 1908, Caducée, v. 8 (14), 187-188.—Mathis, 1914, 197.
 (TRIPOLITANIA) Midulla, 1915, Morgagni, v. 57 (1), 391-408, pl. 1.
 (TUNIS) Galli-Val., 1907, 213, 214, 224.
 (TURKESTAN) Linst., 1883a, 276.
 (VICTORIA) Tidswell & Johnst., 1912, v. 2, 112.
 (W. AUSTRALIA) Tidswell & Johnst., 1912, v. 2, 112.
 Habits: (LONDON) MNH, 1834, v. 9, 243.
 (PHILA.) Tyson, 1903a, 1190.
 Heavy infection: (DEUTSCHLAND) Huber, 1896a, 587.—Nevermann, 1838a, 636-637.
 (FRANCE) D'Ardenne, 1880, JH, Aug. 14; 1880, GC, v. 34 (2), 2.
 (LOND.) Johns., 1858a, 886-887.

ASCARIS lumbricoides, in:

- Abscess: (AUSTRIA) Medlin, 1866a, 110; 1866b, 159-160; 1866c, 473.
 (DEUTSCHLAND) Bingert, 1784a, 229 (hypogastrium).
 (FRANCE) Lapasset, 1910, BSMmf, v. 4, 139-142 (stercoral).
 (INDIA) Mullan, 1916, IMG, v. 51 (3), 115; 1916, TDB, v. 8 (3), 199 (abdominal).
 (ITALY) d'Alessandro, 1905, GiM, v. 8 (5), 57-58 (intestinal).—Desanctis, 1880, Gm, v. 31 (3), 49-55; 1880, GSmm (lombare).
 (NEW ORLEANS) Matas, 1900a, 656; 1901a, 34-35 (abdominal).

ASCARIS lumbricoides—Continued.

Abscess—Continued.

(PHILIPPINES) Caballero, 1913, 292–293.

(REIMS) Lardennois, 1900a, 285–287 (abdominal, intestinal fistula).

(SWITZ.) Willius, 1751, AH, v. 1, 73–76.

Femoral cyst: (FRANCE) Martinez, 1892a, 408–409; 1892b, 636.

Hernia: (DEUTSCHLAND) Schmidt, 1681a, 166.

(ITALY) Amatori, 1877, 149–155 (chelotomy).

Phlegmon: (CHAROLLES) Pézerat, 1829a, 268–272 (du flanc et de la fosse iliaque).

(ITALY) Termini, 1872a, 526–529; 1872b, 243–245; 1872c, 1102–1103.

Tumor: (DEUTSCHLAND) Klein, 1914, DmW, v. 40 (29), 1497–1498 (resembling t.).

(FRANCE) Vital, 1874c, 353 (ombilicale; foyer purulent intra-peritoneal).

ASCARIS lumbricoides, in various animals:

Anas boschas: Bloch, 1779a, 552–553 (seu *Fesciola lumbricoides*).*Bos taurus*: Bennet & Olivier, 1826a, 8–9.—Rud., 1809a, 124–128; 1819a, 37, 267–268.—Ward, 1895a, 333.*Canis fam.*: Leiper, 1913, 268.*Dicotyles sp.*: Stiles & Hass., 1894e, 339.*Equus asinus*: Bennet & Olivier, 1826a, 8–9.—Rud., 1809a, 124–128; 1819a, 37, 267–268.*Equus cab.*: Bennet & Olivier, 1826a, 8–9.—Bolotoff, 1869a, 9–12.—Rud., 1802a, 10–11; 1809a, 124–128; 1819a, 37, 267–268.*Homo*: Abbatucci, 1908, Caducée, v. 8 (14), 187–188.—Amesse, 1913, 521.—A., K., & G., 1904, 91–92.—Barlow, 1915, 272.—Bennet & Olivier, 1826a, 8–9.—Braun, 1883b, 46; 1894i, 602.—Caland., 1889a, 6, 7.—Catto, 1905, Jan. 7, 13.—Cond.-Franc., 1915, Pol., v. 22 (31), 1915, JAMA, v. 65 (10), 913.—D., T., & C., 1904, 18.—Doyle, 1900a, 840; 1900b, 940.—Galli-Val., 1907, 213, 214, 224.—Geddelst, 1911a, 131.—Gough, 1908, 3.—Isola, 1908, Cmi, v. 47, 537–546.—Jamison, 1913, 70.—Jærdens, 1802a, 22–29, pl. 1 fig. 11, pl. 2 figs. 6–13.—Leon, 1913, 380–382, fig. 1.—Liebermeister, 1913, MK, v. 9 (33), Aug. 17; 1913, JAMA, v. 61 (13), 1081.—Linst., 1901, 409.—da Matta, 1914, 388.—Rud., 1802a, 10–11; 1809a, 124–128.—Rans., 1856a, 599–600.—Schneid., 1866a, 36–38, figs. 1–2, pl. 1 fig. 2, pl. 2 figs. 4–7.—Smith, A. J., 1911, 170, fig. 1.—Spalikowski, 1897a, 1056; 1898a, 352.—Stiles, 1915, 1992ff.—Stiles & Hass., 1894e, 339.—Tidswell & Johnst., 1912, v. 2, 112.—Ward, 1895a, 330.—Zwicke, 1841a, 29.

—(children): (AUSTRIA) Neum., 1913, WkR, v. 27, 387, 401, 419, 436, 451, 467, 483; 1913, DmW, v. 39 (34), 1656; 1913, MmW, v. 60 (41), 2302, 2303.

(BORDEAUX) Durodie, 1878a, 223–224 (convulsions, death).

(DEUTSCHLAND) Barthez & Rillet, 1856a, 1025–1059.—Biedert-Vogel, 1890, 180.—Gerhardt, 1871a, 414.—Heim, 1900a, 166–167 (nervous symptoms).—Herbst, 1787a, 25–26.—Lechler & Plew, 1914, AK, v. 62 (1–2), 1914, BkW, v. 51 (4), 170; 1914, DmW, v. 40 (21), 1083.

(DUTCH INDIA) Westhoff, 1884, GTNI, v. 24 (2), 172.

(FRANCE) Bouchut, 1862b, 566–573.—Reuss, 1883a, 179–185.

(HUNGARY) Negresco, 1904a, 35–36; 1904b, 37–39; 1905a, 503 (in respiratory system).

(INDIA)—Victor, 1885a, 319.

(ITALY)—Giarre, 1893a, 445–451 (geophagia); 1894a, 388; 1894, BdC, v. 11 (8) 293–298.

(LONDON) Hounsell, 1892a, 631.

(MONTPELLIER) Gaujoux & Brunel, 1909, Mm, v. 29, 321–323.

(NAP.) Consorti, 1912, Ped., v. 20, 855–858.

(NEW BRUNSWICK, CANADA) Adams, 1869, 539–543; 1870, 235–238.

(NEW YORK) Holt, 1902a, 444–445.

(PARIS) Weill & Mouriquand, 1909a, 65–70; 1909b, 156–157.

(PHILA.) Anders, 1903a, 537 (?).—Lockwood, 1901a, 822.

(ROSTOCK) Hanmann, 1840a, 570–571.

(RUSSIA) Bukvinski, 1892, Urach, (27), 676–677.

(U. S. A.) Hemmeter, 1902, v. 2, 537.

ASCARIS lumbricoides, in—Continued.*

- Larus cinereus*: Bloch, 1779a, 552-553 (seu *Fasciola lumbricoides*).
Mus musculus: Stewart, 1916, 486, 487, 488.
Ovis aries: Cobbold, 1873c, 80, 123.—Copeman, 1842a, 70.—Curtice, 1890c, 16, 145, 151-152, pl. 21.—Stewart, 1898a, 325.—Stiles & Hass., 1894e, 339.—Ward, 1895a, 336 (see *ovis*).
Simia satyrus: Ben., 1878a, 278.—Leidy, 1891a, 410.—Stoss., 1901a, 90 (2) (Sarawak).
Sus scrofa: Bennet & Olivier, 1826a, 8-9.—R. Bl., 1888a, 665.—Glage, 1911, DFZ, v. 8 (2), 24-28, fig. 1.—Jensen, 1914, 35.—Löwenthal, 1908, BtW, (32), 557; 1909, v. 32 (6), 89 (s. *suilla*).—Ostertag, 1907a, 37-38; 1907b, 306; 1907c, 283; 1907d, 122.—Rud., 1802a, 10-11; 1809a, 124-128; 1819a, 37, 267-268.—Schneid., 1866a, 36-37, figs. 1-2, pl. 1 fig. 2, pl. 2 fig. 4-7.—Stiles & Hass., 1894e, 339.
Troglodytes anthropopithecus: Shipley, 1905, PZSL, 252.
Intermediate Host alleged: Braun, 1906a, 335 (*Julus guttulatus*).—Lins., 1886g, 525-528; 1886h, 989; 1887a, 49-50.
Infection, Lumbricose, Lumbricosis, Helminthiasis lumbricoide, etc.; (BERLIN) Behrens, 1740a, 1-21.
(DEUTSCHLAND)—Lutz, 1888f.—Marggraf, 1799a, 1-19.
(FRANCE)—Poumayrac, 1913, AHMc, v. 16, 783; 1914, CfB, v. 62 (9), 369; 1914, TDB, v. 3 (6), 298.—Verdun, 1907, 322.
(INDIA) MacGregor, 1914, IMG, v. 49 (5), 187-188; 1914, TDB, v. 4 (2), 104.—Stewart, 1916, BMJ, v. 2, 486-488 (experiments).
(ITALY) Galvagno-Bordonari, 1885a, 245ff.
(MADRID) Gine y Partagas, 1860a, 182-184, 199-202, 211-215.
(PARIS) Duf., 1825c, 332-352.—Kermorgant, 1904g, 335-342.
Influence on eyes: (DEUTSCHLAND) Baessler, 1906, AfA, v. 57, 69; 1908, CfB, v. 41 (19-21), 668; 1908, ZFM, v. 18 (11), 369.
(PETROGRAD) Andogsky, 1894, 271; 1895, 34.
In eye of dress hook: (U. S. A.) Jackson, 1857a, 177.
Life-cycle, Life-history, etc.: (CHINA) Stewart, 1917, China MJ, 113-118.
(EDINBURGH) Macdonald, 1916, BMJ, v. 2, 474-475.
(FRANKER) von Chur, 1772a, 1-100.
(GR. BRIT.) Fagge & Pye-Smith, 1902a, 461-462.
(INDIA) Stewart, 1916, BMJ, v. 2, 474, 753-754.
(LOND.) Ross, 1916, BMJ, v. 2, 60-61.—Stewart, 1916; BMJ, v. 2, 5-7, figs. 1-3.
(PARIS) R. Bl., 1888a, 661-704, figs. 340-348.
Metabolism: (DEUTSCHLAND) Kemnitz, 1912, AZ, v. 7, 463-603, pls. 1-5 figs; 1-9.—Weinl., 1902a, 1; 1902b, 86-111 (extracts); 1903a, 113-116; 1903b, 516 1903c, 59; 1903h, 787; 1905a, 29 (extracts).
(U. S. A.) McCrudden, 1911, JBC, v. 9 (2), viii (presense of a glucose-protein compound).
Pathogeny: (ITALY) Cinaglia, 1913, GdO, v. 34, 450-452.
(PARIS) Guiart, 1899a, 1000-1002, fig. 1; 1899b, 1-3; 1900f, 70-81, fig. 1; 1903d, 81; 1904, 5; 1905, Jan. 15, 177.
(PISA) Frederici, 1902a.
(TORINO) Pizzini, 1895, GrAM, v. 1 (3-4), 229-230.
Pathology: (FRANCE) Brugeas, 1911, 1-62.
(LEIPZIG) Treutler, 1793a, in 1-44, pls. 1-4.
(PARIS) Roger, 1864a, 200-208; 1864b, 678-686.
(PETROGRAD) Blymenau, 1894a, 1288, 1313.—Shevelev, 1895a, 52-54.
Prevalence: (NEW BRUNSWICK, CANADA) Adams, 1869, 539-543; 1870, 235-238.
(PHILA.) Anders, 1903a, 1247.
Statistics: (U. S. A.)—Stiles, 1915, 2060ff.—Stiles & Garrison, 1906a, in 1-77, pls. 1-3.

ASCARIS lumbricoides:

- And surgery: (PERSIA) Allen, 1913, JAMA, v. 60 (25), 1953-1954.
 (TORINO) Momigliano, 1905a, 213-215.
 (U. S. A.) Perkins, 1911, DMTUMJ, v. 30 (12), 463, figs. 1-2.
 Symptoms: (BALTIMORE) Hemmeter, 1902a, 571.
 (CINCINNATI, O.) French, 1896a, 646.
 (DEUTSCHLAND) Heine, 1900, DmW, v. 26 (10).—Huber, 1896a, 587.
 (FIRENZE) Malagodi, 1904a, 433-440.
 (FRANCE) Gaz. méd. d. Dijon.—AJMS, 1845, v. 9, 200.
 (GR. BRIT.) Fagge & Pye-Smith, 1902a, 462-463.
 (LOND.) Boddy, 1878a, 209-211.—Mans., 1901c, 545; 1903e, 643.
 (NEW YORK) Comby, 1897, 20 Cen. Pr., 643-644.
 (PARIS) Loi, 1898, Méd. mod., v. 9 (42), 324.
 (PHILA.) Anders, 1903a, 1247.—Tyson, 1903a, 1190.
 (ZURICH) Eichhorst, 1901a, 301.

ASCARIS lumbricoides, with symptoms resembling:

- Meningitis: (GR. BRIT.) Whitelock, 1913, MR, v. 84 (21), 966 (escape through perforated appendix).
 Typhoid fever: (FRANCE) Chauffard, 1895a, 505-506; 1896a, 790.—Tauchon, 1897a, 1-50; 1897b, 618-619.
 (GR. BRIT.) Atkinson, 1882, v. 2, 425.
 (LYON) Plantier, 1909, BSmH, v. 8, 320-322; 1909, Lm, v. 113, 331-333.
 (MILAN) Ligorio, 1904a, 142-144.
 (STRASSBURG) Westphalen, 1906, SmZ, v. 3, 193-194.
 (WIEN) Barsi, 1903, WmW, v. 53, 1480-1484.

Toxicity: (FRANCE) Brinda, 1914, AME, v. 17, 801-906.

- (ITALY) Candido, 1910, Mi, v. 8 (6), 137-138 (acute intoxication); (7), 160-162; 1910, GiSm, v. 32, 414-417.

Toxine: (DEUTSCHLAND) Linst., 1896b, 9.

- (JAPAN) Shimamura & Fujii, 1916, Saikinaku Zasshi, 25-60, 9-50; 1917, China MJ, v. 31, 69, 71; 1917, TDB, v. 10, 117-118.

Transmission: (BRAZIL) Lutz, 1888b, 297-299; 1888d, 425-428; 1888i, 84-86.—Monteiro, 1889a, 104-105.

- (DEUTSCHLAND) Epstein, 1892a, 1-16; 1892b, 287-301; 1892c, 393; 1892d, 703-704; 1892e, 912-913; 1892f, 372-373.

(U. S. A.) French, 1896a, 634.**Treatment: Abraham, 1783, 15.—Adams, 1870, 237, 238.—Anciaux, 1855a, 352-385, 397-398, 405-408; 1855b, 1084-1086; 1856a, 1-33; 1856b, 199-208, 241-247, 392-398.—Beauclair & Viguiet, 1853a, 453-456, 464-468; 1853, 1-21.—Berguin, 1881a, 1-61.—Brera, 1831a, in 6-18, pls. 1-2.—Calderone, 1893a, 513-527.—Comby, 1897, 20 Cen. Pr., 644.—Dyer, 1834a, 866-868.—Fauconneau-Dufresne, 1880a, 797-803; 1880b (3,000 expelled), 186-188.—Ferrari, 1906, GmCR, v. 11 (1), 19.—French, 1896a, 645-646.—Guermonprez, 1882a, 92-106, 137-146, 172-178; 1882b, 89-113.—Howison, 1823a, 250-252; 1823b, 1-4.—Hulme, 1778, 21-25.—Joy, 1835a, 536-538.—Küech., 1853f, 411-412 (escape in various diseases).—Maxwell, 1911, CMMJ, May; 1911, JTMH, v. 14 (14), 220.—Med. News, 1898, v. 73, 64.—Vogel, 1772a, 644-645.**

—, calomel: Tyson, 1903a, 1190.

—, cineola: Brüening, 1912, ZePT, v. 11 (1), 155-168.

—, Corsican Moss (*helminthochortin*): Comby, 1897, 20 Cen. Pr., 644.

—, Dolichos pruriens: Corrêa, 1836, JSSmL, v. 4, 267-270.—Fagge & Pye-Smith, 1902a, 463-464.

—, Hydrargyri subchloridum: Kobbekaduwe Tikiri Banda, 1908, BMJ, v. 1, 1088.

—, iodoform: Shidlovski, 1882a, 689; 1882b, 439; 1883a, 192; 1883b, 44.

—, laparotomy: Rocheblave, 1898a, 651-652.

—, massage, intra-abdominal: Rocheblave, 1898a, 651-652.

ASCARIS lumbricoides—Continued.

- Treatment, naphthol: Dubois, 1892a, 259-260; 1892b, 265-266.
- , oil of chenopodium: Anders, 1903a, 1248.—Brüning, 1907, DmW, 425, 1908, CFB, v. 41 (19-21), 667; 1908, CmW, v. 46 (28), 473-474; 1908, NYMJ, v. 87 (15), 693; 1908, PC, 234.—French, 1896a, 645.—Tyson, 1903a, 1190.
- , oil of petroleum: Bouchut, 1865a, 121.
- , oil of turpentine: Fagge & Pye-Smith, 1902a, 464.
- , saccharum album: Kobbekaduwe Tikiri Banda, 1908, BMJ, v. 1, 1088.
- , santonin: Anders, 1903a, 1248.—Anderson, 1864, 443, 444, 445.—Bouchut, 1871a, 322-334.—Comby, 1897, 20 Cen. Pr., 644.—Eichhorst, 1901a, 300.—Fagge & Pye-Smith, 1902a, 463-464.—French, 1896a, 644-646.—Hemmeter, 1902a, 575.—Holt, 1902a, 445-446.—Kobbekaduwe Tikiri Banda, 1908, BMJ, v. 1, 1088.—Lockwood, 1901a, 822.—Mans., 1901c, 545; 1903e, 645.—Tyson, 1903a, 1190.
- , spigelia: Anders, 1903a, 1248.
- , spigelia and senna: Anders, 1903a, 1248.—French, 1896a, 645.—Lockwood, 1901a, 822.
- Vermehrung: (ROUMANIA) Radu, 1882a, 1386-1388.
- With Hymenolepis diminuta and larvae of Calliphora vomitoria: Cond.-Franc. 1908, BSzi, v. 9 (1-2), 63-78.
- With Lambliia intestinalis: Tribble, 1911, USNMB, v. 5 (2), 178-180 (associated with amoebic dysentery).
- With Necator americanus: Echeverria, 1912, NYMJ, v. 95, 380-381, fig. 1.
- With Tania elliptica: Leuck., 1887h, 718-722.—Lutz, 1887b, 713-718; 1888c, 299-300; 1888k, 426.
- With a tapeworm: Schœnemann, 1804a, 94-104.
- With Trichocephalus dispar: Sabrazès & Cabannes, 1897, BMSmH, v. 14, 772-776.
- lumbricoides* (*asini-feri*) Rud., 1809a, 125 (based on Pall., 1781a, 72) (so. *lumbricoides*).—Dies., 1851a, 168 (so. *megalocephala* Cloq.).
- lumbricoides canis* Rud., 1805a, 35.
- lumbricoides equi* (Schränk, 1788) Rud., 1805a, 35; 1809a, 125 (so. *lumbricoides*) (refers to Bloch, 1782a, 29, pl. 8 figs. 4-6).
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- lumbricoides rostratus* Scortegagna, 1848a, 245, pl. 5 fig. 1 (in Homo; Italy).
- lumbricoides suilla* (Duj., 1845) Petrunkevitch, 1916, Morph. inverteb. types, 79-86.
- lumbricoides suis* (Gmel., 1790) Vaull., 1901a, 98.
- lumbricoides tauri* Rud., 1805a, 35.
- lumbricoides* Sons., 1897, 255 (misprint for *lumbricoides*).
- lunata* Linst., 1904o, 493, fig. 17 (in *Herpetodryas carinata*; Honduras).
- lupi* Gmel., 1790a, 3031 (in *Lupi intestinini*; Redi, 75).—Stoss., 1898, 67 (so. *mys-tax*).
- lyra* Rud., 1819a, 59, 302 (in *Trigla lyra*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 202 (in T. l.).—Par., 1894a, 217.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- macrocerca* Stoss., 1902e, 3, pl. 4 figs. 26-27, pl. 5 fig. 28 (in *Lophius budegassa*; Genoa).
- macrolabium* Stoss., 1897a, 2-3, fig. 9 (in *Serranus gigas*; Nap.).
- macroptera* Dies., 1851a, 182 (in *Champsia nigra*; Brazil); 1857a, 13, pl. 1 figs. 18-23; 1861a, 666.—Drasche, 1883b, 132, pl. 10 fig. 16-18.—Stoss., 1896a, 14 (8) (so. *mystax*); 1898, 67.—Also reported for *Jacare nigra*.
- macruri* Linst., 1888a (b) 7, pl. 1 figs. 10-11 (in *Macrurus rudis*; Challenger).—Lint., 1901b, 410, 479.—Stoss., 1896a, 40 (34) (in M. r.).
- macruroides* Linst., 1888a (b) 7-8, fig. 1 (in *Macrurid*; Challenger Station, 147).—Lint., 1901b, 410, 479.—Stoss., 1896a, 45 (39) (in *Macrurus* sp.).

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- mænæ* Rud., 1819a, 58, 301 (in *Sparus mænæ*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 200 (in *Mæna vulg. R.*).—Duj., 1845a, 182.—Par., 1894a, 216.—Stoss., 1896a, 89 (83) (in *M. v.*; *R.*).
- mænæ-zebræ* Stoss., 1897a, 3 (in abd. cav., *Mæna zebra*; Trieste) (young of *adunca*); 1898, 74 (in *M. z.*).
- magnivalvis* Crep., 1846a, 154 (in *Callionymus lyra*; Zool. Mus. Stockh.).
- major astrophidis-tigridis* Dies., 1851a, 195 (for *lumbricoides* of Lamarepicquot) (in *Astrophis tigris*; by Lamarepicquot).
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- marænæ* Gmel., 1790a, 3037 (quotes; Kœlr. comm. petrop. 18, 509).—Rud., 1809a, 202 (so. *albulæ*).
- marecæ* Dies., 1851a, 194 (in *Anas penelope*) (s. *Asc.* of *Mareca penelope* of Bellingh., 1844a, 174; Ireland).—Stoss., 1896a, 72 (66) (in *A. p.*; *I.*).
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- megacephala* Sieb., 1850c, 665 (for *megaloccephala*).—Mosler & Peiper, 1894a, 292.
- megalacephalus* Am. J. Vet. Med., 1912, v. 7, 28 (for *megaloccephala*).
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(HALLE A. S.) Brand., 1892c, 106–107.

(PETROGRAD) Deineka, 1912, TSN, v. 42 (2), 101–359, figs. 1–57; 1913, CZaeB, v. 4 (5–6), 215.

—, oviducts: (DEUTSCHLAND) Zach., 1913, AA, v. 43 (8–9), 193–211, figs. 1–2, pl. 1 figs. 1–5.

—, posterior end: (MÜLHAUSEN I. E.) Voltzenlogel, 1902, ZJ, v. 16, 481–510, pls. 1–3 figs. 1–20; 1902b, 1–32, figs. 1–20; 1902c, 778–779; 1905a, 31–32.

—, sense organs: (DEUTSCHLAND) Goldschmidt, 1903b, 1–57, pl. 1–5 figs. 1–4; 1903c, 2534; 1903d, 203–204; 1904, ZC, v. 11 (11–12), 378–380.

ASCARIS megaloccephala—

Associated with:

Arcuothrix: Calkins, 1901b, 106 (in cultures).

“Fièvre charbonneuse”: Charon, Valade & Texier, 1910, RMv, v. 87 (15), 505–509.

Str. armatus & *Gastrophilus equi*: Matthieson, 1895a, 554–555; 1896a, 116.

Biology and physiological chemistry: (DEUTSCHLAND) Schimmelpfennig, 1902a, 1–49; 1903a, 332–376; 1903b, 356–357; 1903c, 178; 1903d, 295; 1903e, 423–424; 1904a, 113; 1904b, 519; 1904c, 218–220.

Cases: (LOND.) Percivall, 1829a, 358–359 (in large intestine).

(ROME) Valentini, 1897a, 96–97; 1897b, 177; 1897c, 536; 1898a, 96.

(U. S. A.) Wells, 1915, VAQ, v. 3 (1), 34–35; 1915, AVR, v. 7 (5), 619 (in stomach).

ASCARIS megaloccephala, as—

Cause of:

- Colic: (KÖLLMEN BEI CHRISTBURG) Veit, 1909a, 93; 1909b, 139–140; 1910a, 162.
 (ORANGE FREE STATE) Wadlow, 1911, AJ, v. 2 (4), 476–482 (symptoms and treatment).
 (MISCELLANEOUS) Crighton, 1915, 630.
 Entero-peritonitis: (NEW YORK) Mills, 1893a, 89–92.
 Epilepsy: (PARIS) Boissière, 1886a, 440–443.
 (RENSBURG) Truelsen, 1893a, 14; 1893b, 134–136.
 Lesions of the nervous system: (FRANCE) Rachmanow, 1914, Adl'IP, v. 28 (2), 181–193, figs. 1–6.
 Perforation of the intestine: (DEUTSCHLAND) Budnowski, 1904, ZV, v. 16 (8–9), 390–392; 1904, Dec. 15, 858–859.—Francke, 1904, FVH, v. 2 (7), 185–188, figs. 1–3; 1904, Dec. 15, 859; 1905, Jan. 1, 65–66; 1906, Jan. 5, 613–614.—Zorn, 1879a, 357–361.
 (HOLLAND) Markus, 1906a, 435–439; 1906b, 426–427; 1906c, 718; 1906, Al, v. 29 (50), 594; 1907, Amv, v. 55 (3), 168.—Laméris, 1899a, 393–394; 1900a, 47; 1900b, 60–61.
 (LOND.) Mettam, 1906, VJ, v. 62, 688–689, fig. 1; 1907, RgMv, v. 10 (109), 13.
 (LYON) Darmagnac, 1904, Ssv, Mars; 1904, Rv, v. 29 (9), 628.
 (PARIS) Barth., 1905, BScMv, v. 59, 278–281; 1905, JMvZ, v. 38, 552; 1905, Aug., 572; 1906, 116; 1906, Apr. 10, 263.—Comény, 1896a, 161–166.—Drapier, 1905, BScMv, v. 59, 502–504.
 (MISCELLANEOUS) Desoubry, 1905, Apr., 30; 1905, v. 31, 300; 1905, June 1, 413–414.
 Phthisis mesenterica and perforation of the stomach: (HUNGARY)—Zlmal, 1843a, 187–195; 1845a, 174; 1846b, 949.
 Cytology: (BELGIUM) Herla, 1894a (b), 423–520, fig. 1–103; 1895a, 37–38 (mitosis).
 (DEUTSCHLAND) Joseph, 1913, ZwMmT, v. 30 (2), 181–184, figs. 1, 2.—Romeis, 1913, AA, v. 44 (1–2), 1–14, figs. 1–11 (Plastosomen).
 (FRANCE) Bataillon, 1910, AEO, v. 30 (1), 24–44, figs. 1–13 (karyokinetic phenomena).
 (HEIDELBERG) Erlanger, 1896c, 297–310 (protoplasma, karyokinetic spindle, centrosome).
 (MÜNCHEN) Boveri, 1893a, 114–125, figs. 1–5.
 (PARIS) Fauré-Fremiet, 1912, CrSB, v. 72, 346–347 (mitochondries des gonocytes).
 (PLÆN) Zach., 1913, AA, v. 43 (2), 33–53, figs. 1–2 (Chromatin-Diminution in den Furchungszellen).
 (WIEN) Domaschko, 1905, AZIW, v. 15, 257–280, pls. 1–2 figs. 1–15; 1905, JRMS, (6), 701; 1906, ZC, v. 13 (19–20), 636.
 Development, Entwicklung, etc.: (DEUTSCHLAND) Albrecht, 1908, ZV, v. 20 (11), 465–471, figs. 1–15; 1908, T, v. 47 (12), 273–274; 1909, RgMv, v. 13 (146), 82–83; 1909, MtW, v. 53 (11), 202–204; 1909, VJ, v. 65, 212; 1909, MfD, v. 21 (4), 106–111; 1909, TR, v. 15 (23), 179; 1909, Al, v. 32 (31), 378; 1909, BtW, v. 25 (39), 717–718; 1909, VR, v. 22, 270.
 (MÜNCHEN) Boveri, 1899a (b, c), 383–430, figs. 1–6, pls. 40–45 figs. 1–45; 1899, NR, v. 15, 470–472, figs. 1–8; 1901a, 749–751.
 (PARIS) Fauré-Fremiet, 1912, CrAS, v. 155, 365–366 (parthenogenesis); 1913, AAm, v. 15 (4), 435–758, figs. 1–136, pls. 12–14 figs. (cycle germinatif); 1913, BSzF, v. 38, 68–70.
 (PADUA) Zoja, 1896a, 218–260, pls. 13–14; 1896b, 526.
 (PLÆN) Zach., 1887c, 111–182, pls. 8–10; 1887d, 700–701; 1887e, 698–700.
 Eggs: (BERL.) Hertwig, 1898a, 673–675, figs. 1–2.
 (BONN) Nussbaum, 1884a, 155–213, figs. 1–75; 1899a, 77–79.
 (BRUXELLES) Bolsius, 1897, ASs, v. 21, 92–96, fig. 1.—Lameere, 1888a, 980–984, figs. 1–10; 1888b, 953.
 (DEUTSCHLAND) Girgolaß, 1911, AmA, v. 76, 770–796, figs. 1–30.

ASCARIS—Continued.

megalcephala—continued.

Eggs—continued.

(LEIPZIG) Strassen, 1898b, 179 (Rieseneier und Riesenembryonen); 1903a, 1-37, figs. A-M, pls. 1-5 figs. 1-67; 1906a, 39-342, figs. N-YYYY; 1908c, 481-489; 1908d, 46; 1908e, 481-489.

(PARIS) Fauré-Fremiet, 1913, CrSB, v. 74 (20), 1183-1184; 1912, BSzF, v. 36, 206-207; v. 37, 133-138, fig. 1; 189-190 (un appareil de Golgi).

—, centrosomes: (DEUTSCHLAND) Fűrerst, 1898a, 97-133, pls. 1-2; 1903a, 41. (JENA) Lebrun, 1892a, 627-628.

—, chromosomes: (NORWAY) Bonnevie, 1908, AZ, v. 1, 450-514, figs. 1-2.

(OHIO) Schaffner, 1909, ON, v. 9, 506-508, figs. 1-9; 1909, JRMS (6), 723.

(PLÆN) Zach., 1913, ZA, v. 41 (4), 174-175.

(MISCELLANEOUS) Boring, 1909, AZ, v. 4, 120-131, pl. 1 figs. 1-21.—Montgomery, 1908, AZ, v. 2, 66-75, pls. 1-2.

—, cytology: (PLÆN) Zach., 1912, AA, v. 42 (15), 353-384, figs. 1-13.

—, development: (DEUTSCHLAND) Retzius, 1914, AA, v. 47 (17-18), 476-479; 1914, BÜ, v. 18, 19-29, pls. 6-9.

(GR. BRIT.) Hastings, 1910, AMH, v. 19, 228-236; 1912, *ibid.*, v. 27, 154-156.—Lazarus-Barlow & Somerville, 1909, AMH, v. 15, 200-204; 1910, CaeB, v. 1 (11-12), 420.

(ITALY) Zoja & Zoja, 1892, 13, 15.

(PARIS) Fauré-Fremiet, 1912, BSzF, v. 37, 233-234 (graisse & glycogen).—Zavadovsky, 1916, CrSB, v. 79 (15), 798-803, 1 chart.

(U. S. A.) Stevens, 1909, AEO, v. 27, 622-639, pls. 1-3 (effect of ultra-violet light).

—, fertilization: (BELGIUM) Ben., 1883b, 265-456, pls. 10-16, 457-640, pls. 17-19; 1884a, 1-422, pls. 1-14 (maturation); 1884, AB, v. 4, 95; 1888a, 104; 1888b, 707-709 (maturation, mitosis).—Ben. & Neyt, 1887a, 215-295, pls. 1-6; 1888a, 423-425.—Carnoy & Lebrun, 1897a, 61-195, pls. 1-2; 1897, VaG, v. 11, 65-68; 1897b, 1056-1057; 1897, BSSbM, v. 23, 146-148; 1897, ZC, v. 5, 79-84.

(BONN) Meves, 1911, AmA, v. 76 (4), 683-713, pls. 27-29 (Plastochondrien).

(BRESLAU) Schneid., 1885d, 127-139, figs. 1-2.

(CHARKOW) Kultschitzky, 1888a, 17-21; 1888b, 567-593, pls. 29-30; 1888c, 736-737.

(DEUTSCHLAND) Held, 1912, VaG, v. 26, 242-248; 1912, BVsGW, v. 64, 29-34; 1912, JRMS (6), 614.

(HEIDELBERG) Erlanger, 1896b, 98-112; 1897c, 309-440, pls. 1-3 figs. 1-4.

(ITALY) Sala, 1893a, 657-674, figs. 1-7; 1895a, 422-498, figs. 1-89; 1895b, 625-627; 1895c, 534; 1895d, 69-89.

(MÜNCHEN) Boveri, 1887c, 71-80; 1888b, 1-198, pls. 1-5; 1888d, 685-882, figs. 1-94; 1889a, 220-223.

(PARIS) Fauré-Fremiet, 1912, CrAS, v. 14, 34-36; 1912, BSzF, v. 37, 83-84; 1914, AF, v. 12, 156.

(ROCHESTER, N. Y.) Murlin, 1899a, 337-339.

(PLÆN) Zach., 1887a, 164-166; 1887b, 572; 1887f, 593; 1887, AA, v. 2 (26), 787-792; 1888f, 43-45; 1888i, 311-312; 1888k, 1-6.

—, germinative vesicle and polar globules: (LOUVAIN) Carnoy, 1886c, pls. 1-8.—Gehuchten, 1887a, 751-760, figs. 1-11.

—, idiochromosomes: (MISCELLANEOUS) Edwards, 1910, AZ, v. 5, 422-429, pls. 1-2.—Frolowa, 1912, AZ, v. 9 (1), 149-167, figs. 1-17b.

—, parachromosomes: (PLÆN) Zach., 1912, ZA, v. 40, 26-29, fig. 1.

—, Richtungskörper: (FREIBURG i. B.) Moszkowski, 1901a, 388-401, figs. 1-4; 1902a, 173.

(MÜNCHEN) Boveri, 1888a, 1-93, pls. 1-4.

(PETROGRAD) Tretjakoff, 1904a, 358-382, pl. 1; 1905a, 701; 1906b, 212; 1906c, 338-339; 1907a, 152-153.

(PLÆN) Zach., 1888l, 401-403.

ASCARIS—Continued.

megalocephala—continued.

- Eggs, segmentation: (BELGIUM) Ben. & Neyt, 1887a, 215–295, pls. 1–6; 1888a, 423–425.
- (BONN) Hertwig, 1911, AmA, v. 77 (2), 301–312, pl. 1 (Radium).—Meves, 1914, AmA, v. 84 (2), 89–110, pl. 6–7 figs. 1–12 (Plastochondrien).
- (GR. BRIT.) Lazarus-Barlow, 1909, BMJ, v. 1, 1539–1544 (influence of radio-activity).
- (HEIDELBERG) Erlanger, 1896b, 98–112; 1897c, 309–440.
- (LOUVAIN) Carnoy, 1886a, 1–76, pls. 1–4; 1886b, 1–103, pls. 5–8; 1886c, pls. 1–8; 1887a, 92.
- (MÜNCHEN) Boveri, 1887, AA, v. 2 (22), 688–693; 1888b, 1–198, pls. 1–5; 1888d, 685–882, figs. 1–94; 1889a, 220–223; 1909, AZ, v. 3, 181–268, pls. 1–5 figs. 1–7, 521–523 (Blastomerenkerne); 1910, FH, v. 3, 131–214, pls. 1–6 figs. 1–24; 1910, AEO, v. 30 (2), 101–125, figs. 1–32; 1910, CaeB, v. 1 (17), 622–623.
- (PARIS) Fauré-Fremiet, 1912, CrAS, v. 155 (24), 1272–1274 (action of X-Ray); 1913, CrAS, v. 157 (2), 145–147 (action of ultra-violet rays); 1914, AF, v. 12, 156.
- (PETROGRAD) Dostoievsky, 1888a, 646–648.—Zavadovsky, 1916, CrSB, v. 79 (12), 595–598 (role of oxygen).
- , technique: (BELGIUM) Ben. & Neyt, 1888b, 508.
- (DEUTSCHLAND) Artom, 1908, ZwMmT, v. 25, 3–7 (Fixierung).—Hogue, 1910, AEO, v. 29, 109–145, figs. 1–42; 1910, CaeB, v. 1 (2–3), 82; 1910, CfP, v. 24 (12), 547–548 (Centrifugalkraft).
- (LOUVAIN) van Gehuchten, 1888a, 237–240 (acetic alcohol as a fixative).
- (MÜNCHEN) Boveri, 1887d, 423–515, pls. 25–28; 1888e, 381–382; 1888f, 664.
- (PLOEN) Zach., 1888a, 24–27; 1888d, 148; 1888e, 663–664; 1888g, 277–279 (Abtötung und Färbung).
- Embryology: (LEIPZIG) Boring, 1909, AEO, v. 28 (1), 118–124, pls. 4–5 (effect of different temperatures on size of nuclei).—Strassen, 1896b, 27–105, 133–190.
- (MÜNCHEN) Romeis, 1913, AmA, v. 81 (2), 129–172, figs. A–B, pls. 8–9 figs. 1–14 (Plastosomen).
- (STUTTGART) Müell., 1903a, 1–30, pls. 1–5 figs. 1–24d; 1904a, 303–304.
- Epidemics: (FRANCE) Rail., 1895k, 212–216 (from peat moss); 1895m, 245–247.
- (PHILA.) Vet. Mag., 1895, v. 11 (7), 442 (from peat moss).
- Experience with: (OHIO) Seibert, 1904a, 372–373.
- Infections with: (CHICAGO) AJVM, 1912, v. 7 (1), 28–29.
- (DEUTSCHLAND) Bauer, 1910, MtW, v. 54 (15), 250 (5 pounds of ascarids in a horse).—Humann, 1907, WTV, v. 51 (7), 125–126; 1907, DtW, v. 15 (29), 551; 1907, TC, v. 30 (33), 543.—Trommsdorf, 1910, MtW, v. 54 (1), 6–7.
- (PARIS) Weinberg & Keilin, 1912, CrSB, v. 73, 260–262, fig. 1.
- , fatal: (DEUTSCHLAND) Graefe, 1896a, 29–30; 1896b, 932; 1897a, 126–127; 1897b, 371.—Hohmann, 1895a, 25–27.—Janssen, 1895a, 424.—Roemer, 1896b, 21–22; 1896c, 792; 1896e, 417; 1896f, 681.
- (TAMA, IOWA) Maxfield, 1916, AJVM, v. 11 (9), 763.
- Migration: (GR. BRIT.) Christie, 1914, JRAMC, v. 23 (2), 201–205, pls. 1–2.
- Pathology: (DEUTSCHLAND) Pilwat, 1910, ZfV, 1910, VR, v. 23, 406–407.
- Perforation: (DEUTSCHLAND) Huber, 1896a, 585.
- Radiations and new growths: (GR. BRIT.) Lazarus-Barlow, 1914, NYMJ, v. 99 (18), 896.
- Spermatogenesis: (BELGIUM) Ben. & Julien, 1884a, 312–342.
- (DEUTSCHLAND) Mayer, 1908, ZJ, v. 25, 495–546, pls. 1–2 figs. 1–2.—Retzius, 1914, BU, v. 18, 30–36, pl. 10 figs. 1–23.
- (LILLE, FRANCE) Hallez, 1884a, 695–697.
- (MARBURG I. H.) Brauer, 1893a (b), 153–213, figs. 1–228; 1894a, 104–108.
- (PARIS) Fauré-Fremiet, 1912, CrSB, v. 73, 271–272.—Romieu, 1911, CrSB, v. 70 (11), 412–414; 1911, CrAS, v. 152 (4), 223–225; 1911, AZ, v. 6 (2), 254–325, figs. 1–94.

ASCARIS *megalcephala*—Continued.

Spermatogenesis—Continued.

(PETROGRAD) Tretjakoff, 1904a. 383-438, pls. 1-3 fig. 1; 1906a, 212.

(U. S. A.) Wildman, 1913, JM, v. 24 (3), 421-457, figs. 1-48.

Spermatozoa: (BRESLAU) Auerbach, 1895, 34-39.

(DEUTSCHLAND) Romeis, 1912, AmA, v. 80 (2), 129-170, pls. 1-2.

(MARBURG) Scheben, 1905a, 397-431, figs. 1-3, pls. 20-21 figs. 1-44; 1905b, 568; 1905c, 761; 1906b, 29; 1906e, 79-80.

(PARIS) Fauré-Fremiet, 1913, CrSB, v. 74 (24), 1407-1409.

Symptoms: (DEUTSCHLAND) Otto, 1912, ZV, v. 24 (2), 91 (tetanus).

(Gr. BRIT.) Dickens, 1863a, 601-603; 1865, AMv, v. 14 (4), 209-210 (joint lameness in colts).—Gibson, 1907, VJ, v. 63, 150; 1907, AVR, v. 31 (2), 266; 1907, DtW, v. 15 (36), 504 (brain and heart).

Toxic substances: (FRANCE) Leroy, 1910, AiP, v. 9, 276-282; 1910, CfB, v. 24 (15), 645.—Weinberg & Julien, 1911, CrSB, v. 70 (9), 337-339.—Weinberg & Seguin, 1913, CrSB, v. 74 (15), 855-857.

Treatment: (FRANCE)—Cadéac, 1906, JMvZ, v. 57, 221-224.

(MISCELLANEOUS) Campbell & Lacroix, 1907, 69.

—arsenic: (DEUTSCHLAND) Streithberg, 1901a, 273-274; 1902a, 51.

(FRANCE) Cadéac, 1906, JMvZ, 133; 1906, AMv, v. 55 (9-10), 563-564.

—tartarus stibiatus: (DEUTSCHLAND) Grimme, 1911, DtW, v. 19 (16), 247-249; 1911, VJ, v. 67, 766-767.—Steffani, VdKS, v. 57; 1914, TC, v. 37 (19), 14-15.

megalcephala bivalens Sabaschnikoff 1897a, 82-112, pl. 1 (chromatin reduction in oogenesis).—Boring, 1909, AEO, v. 28, 118-124, pls. 1-2.—Fauré-Fremiet, 1912, BSzF, v. 37 (9), 285-288, figs. 1-4.—Griggs, 1906, ON, v. 6 (7), 519-527, figs. 1-12; 1906, JRMS (174), 553-554.—Hempelm., 1912a, 104.—Kautzsch, 1913, AEO, v. 35 (4), 642-691, figs. A-LL, pls. 15-16 figs. 1-25.—Mayer, 1908, 501, 502, 505, 507, pl. 15 figs. 13-29.—Sædeleer, 1913, v. 28, 303-362, pls. 1-6.

megalcephala trivalens Zach., 1912, BC, v. 32 (12), 718-721, figs. a-h, 1-6.

megalcephala univalens Calkins, 1901b, 276.—Blanckertz, 1910, Az, v. 6 (1), 1-18, figs. 1-32; 1912, Diss.—Boring, 1909, AEO, v. 28, 118-124, pls. 1-2.—Hempelm., 1912a, 104.—Kaltenbach, 1915, v. 13 (4), 525.—Mayer, 1908, v. 25, 500 (quotes Brauer as using univalens). 501, 502, 503, 504, 505, 507, 538, pl. 15 figs. 1-12.—Payne, 1913, AEO, v. 36 (3), 287-293, figs. 1-30.

megatyphlon Rud., 1819a, 47, 285-286, 581 (in *Lacerta iguana*; Ing.).—Dies., 1851a, 150 (to *Ozolaimus*) (in *Hypsilophus tuberculatus*).—Duj., 1845a, (to O.).—Linst., 1906, 255.—Schneid., 1866a, 116, 120 (to *Oxyuris*) (in *Iguana tuberculata*).—S., F., & W., 1908a, 288.

megolacephala Weinberg, 1907, 17-18 (misprint for *megalcephala*) (in *Equus cab.*; Par.).

meleagrina Kollar in Oerley, 1882b, 310 (nomen nudum) (in pearl oyster).—Shipley & Hornell, 1904a, 98, 99 (in pearl oyster) (nomen nudum).

meleagrinx Linst. in Shipley & Hornell, 1904a, 78, 99-100, pl. 3 figs. 42-43 (larva in *Margaritifera* vulg.; adult in *Balistes mitis*, *B. stellatus*; Ceylon).—Shipley & Hornell, 1905b, 55 (in M. v.); 1906a, 89, 90 (adult in B. m., B. s., *Platax teira*; larva in M. v.).—Seur., 1916, 353 (in M. v.).

melis (Schrank, 1788) Brug., 1791a, 92, pl. 31 figs. 1-4 (in *intestinis Ursi melis*).—Dies., 1851a, 300 (so. *Doch. crinif.*).—Mol., 1861a, 495 (71) (so. D. c.).—Par. & Grassi, 1877, 193 (so. D. c.).—Rud., 1809a, 234 (so. Str. *crinif.*).

mephitidis Gmel., 1790a, 3032 (in *Mephitidis intestinis*; Redi, 14).—Mol., 1858a, 164.—Rud., 1810a, 380.

mergi Dies., 1851a, 194 (in *Mergus merganser*; Ireland, Bellingh., 1844a, 171).—Stoss., 1896a, 73 (67) (in M. m.; I.).

mergorum Rud., 1819a, 56 (in *Mergus merganser*, M. serrator; C. E. V.).—Dies., 1851a, 158 (so. *spiculigera*).—Stoss., 1896a, 32 (26) (so. s.); 1898, 70.

microcephala Rud., 1809a, 167 (in *Ardea comata*; by Nitzsch); 1819a, 48, 288-289 (in A. *nycticorax*; Rimini) 664.—Baird, 1853a, 20.—Chatin, 1885a, 39.—Crep., 1846a, 135.—Dies., 1851a, 155-156 (s. *cinconia* Rosa, *ardearum* 1819) (in A. c., A. *nycticorax*, A. *stellaris*, A. *purpurea*, *Ciconia nigra*, C. *alba*;

ASCARIS—Continued.

microcephala—continued.

M. C. V.); 1861a, 657; 1861c, 275.—Duj., 1845a, 172–173.—Leidy, 1886e, 311.—Linst., 1883a, 276–277, pl. 6 figs. 1–2; 1886c 3, figs. 1–2; 1909 (15), 52–53 (in A. cinerea. *Anas boschas*. *Botaurus stellaris*. *Nycticorax nycticorax*).—Mol., 1858d, 145; 1859h, 21; 1861c, 260, 275, 279–280 (in A. c., A. n., A. s., A. p., C. n., C. a.).—Olfers, 1816a, 64.—Par., 1887b, 341–342 (69–70) (in A. c., A. n., A. s., A. p., C. n., C. a.; Padua); 1887c, 493; 1894a, 215; 1902c, 13 (in A. p., *Nycticorax griseus*).—Risso, 1826, 260.—Sieb., 151.—Skrj., 1916, 484 (in A. c.; *Lac Kul-Kainar*).—Stiles & Hass., 1894e, 340 (in A. h., *Botaurus mugitans*. *Herodias egretta*. *Hydranassa tricholor*. *Nyctiardea grisea*).—Stoss., 1889, 182; 1890, 55; 1891, 110; 1892, 71; 1893, v. 14, 83; 1896a, 36–37 (30–31) (in A. p., A. s., A. herodias, A. c., A. c., *Ardeola ralloides*. *C. nigra*. *C. a. N. europæus*. *N. g.*); 1897, 1; 1898, 71; 1901a, 89 (1) (in A. c.; Albona).—Wedl, 1856, v. 19, 37, pl. 1 fig. 7.—Also reported for *Anas dom.*, *Ardea minor*.

microcerca Stoss., 1902d (e), 63 (3), figs. 26–28 (in *Lophius budegassa*; Genova).

microlabium Mol., 1860e, 336 (in *Falco coronatus*; Rio Araguay).—Dies., 1861a, 658 (in F. c.; Brazil).—Drasche, 1883b, 134, pl. 9 figs. 10–12.—Linst., 1904, 2.—Stoss., 1896a, 44 (38) (in F. c.; B.); 1902, 3.

micropapillata Stoss., 1890g, 129–130 (1–2), pl. 4 figs. 1–2 (in *Pelecanus* sp.; Semlino); 1893, v. 14, 84; 1896a, 39 (33) (in P. sp., *P. crispus*); 1902, 3.

microptera Rud., 1819a, 41, 275 (in *Canis lupus*; Berl.).—R. Bl., 1888a, 704 (so. *mystax*), 709.—Dewitz, 1892b, 147.—Dies., 1851a, 181 (in C. l.; Berl.).—Duj., 1845a, 160 (var. of *marginata*).—Fisch., 1840a, 154.—Linst., 1878a, 1 (so. *mys.*).—Schneid., 1866a, 38 (so. *mys.*).—Stoss., 1896a, 15 (9) (so. *mys.*), 1898, 67.—Ward, 1895a, 330 (? so. *mys.*) (in *Homo*).

militaris Lampa, 1907, v. 28 (4), 223.

milvi Gmel., 1790a, 3033 (in *milvi intestinis*; Gœze, 1782a, 85, 126).—Dies., 1851a, 156 (so. *depressa*).—Frœl., 1802a, 34–35, pl. 1 figs. 15–16.—Mol., 1861c, 280 (so. d.).—Rud., 1802a, 26 (so. *spiralis*); 1809a, 143 (so. d.), 190; 1810a, 379.—Also reported for *Falco milvus*.

minor astrophidis-tigridis Dies., 1851a, 195 (for *vermicularis* Lamarepicquot) (in *Astrophis tigris*; by Lamarep.).

minuta Mol., 1858 (1859e), 297 (in *Platessa passer*; Padua); 1861c, 283 (in P. p.; P.).—Carus, 1884, v. 1, 168.—Dies., 1861a, 659 (in P. p.; P.); 1861c, 276.—Par., 1894a, 218.—Stoss., 1896a, 89 (83) (in P. p.; P.).

minutor Gœze, 1782a, 39, 89 (includes *vermicularis* renamed; also several other forms).

minutissima Gœze, 1782a, 40 (in earth worm and *Lumbricus aquaticus*; Europe), 110–112, pl. 4 fig. 10.—Blumenb., 1825a, 241.—Schränk, 1788a, 13.

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mistax Sons., 1889c, 235 (in *Canis aureus*, *C. vulpes*) (for *mystax*).—Mori, 1911, v. 17, 417 (in dog).

molini Stoss., 1896a, 75 (69) (*spiralis* Mol. renamed) (in *Picus comatus*; Brazil).

molæ Linst., 1905t, 355 (in *Molva byrkelangii*; Norway).

moræ Fourm., 1886a, 763–765 (in *Mora mediterranea*; Coast of Morocco).—Stoss., 1896a, 62 (56) (in M. m.; M.).

moschata Stoss., 1897a, 4, figs. 4–5 (in *Eledone moschata*; Nap.).—Seurat, 1916, 353 (in E. m.).

mucronata Schränk, 1790a, 121–122 (in *Silurus glanis*; Schränk); 1803, 201–202.—Baird, 1853a, 23.—Clap., 1859a, pl. 1 fig. 9, pl. 6 figs. 1–5, pl. 8 fig. 13 (in *lote*).—Dies., 1851a, 176 (s. *capillaris*) (in *Lota communis*; Berl.); 1861a, 664.—Duj., 1845a, 189–190 (s. *cap.*) (in *Gadus lotta*, *G. minutus*; Berl., M. C. V.).—Hofer, 1904a, 229, 271 (in *Esox lucius*, *L. vulg.*, *Scardinus erythrophth.*).—Jääskeläinen, 1911, 34, 218.—Krøyer, 1843–45a, 184 (in L. V.).—Linst., 1883a, 278; 1886c, 4; 1909 (15), 52 (in E. l., L. v., S. e.).—[?Olfers, 1816a, 65.]—Perez, 1866a, 278 (?Schr. or ?Frœl.).—Rud., 1809a, 186–187 (in *G. lotta*; C. E. V.); 1819a, 52.—Schneid., 1866a, 46–47 (in E. l., G. l.; B.), 193, 215, 295, pl. 2 fig. 10, pl. 21 fig. 11.—Shipley, 1896a (1901b), 141 (in cod and pike).—Stœdter, 1901a, 16.—Stoss., 1896a, 49 (43) (in E. l., L. v., S. e.).—Zsch., 1884, 67, 68, 69; 1903, 132, 133.

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- mucronata* Frel., 1791a, 97-99 (in Anas; by Delius).—Dies., 1851a, 310-311 (so. Str. nodularis).—Duj., 1745a, 130 (so. S. n.).—Fiebiger, 1912a, 275.—Rail., 1893a, 447 (so. S. n.).—Rud., 1809a, 230 (so. S. n.); 1820, 13-14.—Zed., 1800a, 81 (so. Str. anseris); 1803a, 92 (so. S. a.).
- mulli* Rud., 1819a, 59, 302 (in Mullus rubescens; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 202 (in M. r.; R.).—Duj., 1845a, 181.—Stoss., 1896a, 89 (83) (in M. r.; R.).
- multilobata* Drasche, 1882 (1883a), 139, 140, pl. 12 figs. 4-6 (in Dicholophus maragrafi; Brazil); 1882, [139-140] 1-2, pl. 12 figs. 4-6.—Stoss., 1896a, 28-29 (22-23) (in D. m.).
- multipapillata* Drasche, 1882 (1883a), 140, pl. 12 figs. 7-8 (in Tantalus loculator; Brazil).—Stoss., 1896a, 44 (38) (in T. l.).
- muræna* Dies., 1851a, 203 (so. albulae) (for marænae).
- muris* Gmel., 1790a, 3032 (for Lumbricus muris-domesticæ-minoris Werner, 1782).—Bennet & Olivier, 1826a, 12 (in Mus musculus).—Hall, 1916a, 204 (to Protospirura).—Mol., 1860b, 934 (so. Spiropt. obtusa).—Rud., 1809a, 170 (so. obtusa).
- mustelarum* Rud., 1819a, 53 (martis Rud., 1809 renamed) (in Mustela martes, M. foina; C. E. V.).—Dies., 1851a, 189 (in M. f., M. m.; M. C. V.).—Duj., 1845a, 159.—Stoss., 1896a, 14 (8) (so. mystax); 1898, 67.
- myolare* Lutz, 1886e, 62 (in Canis fam., Felis dom.; Brazil) (misprint for mystax?).
- mystax* (Zed., 1800) Rud., 1802a, 13; 1809a, 140-141, 236, 237 (in Catus); 1819a, 42, 276 (in Felis catus dom., F. c. fera, F. lynx; Mus. Wien).—Aitken, 1866, 804, 843, 846, 847; 1872, 146, 151, 152, 176; 1874, 57.—Albrecht, 1903, v. 47, 377-380; 1904, v. 23, 113-114; 1904, July 1, 28-29.—Anacker, 1888b, 314; 1892m, 584.—Anders, 1903a, 1249 (so. alata).—AN, 1840, 186.—Bail., 1866b, 13, 14, 23, 32, 35-36.—Baird, 1853a, 18.—Barile, 1911, v. 60 (1), 5-7.—Bellingham., 1844a, 169 (Ireland).—Ben., 1858a, 1861a, 283.—Blainv., 1828a, 541.—R. Bl., 1888a, 666, 667, 704 (s. lumbricoides pars, canis, cati, caniculæ); 1889a, 704; 1890a, 16 (cf. ?Hamularia lymphatica); 1890, 62, fig. 40.—Bommel, 1894b, 191, 193, 198-199, 202, 203-204, 205, 206, [pl. 11 figs. 6-10, 12-14].—Bos, 1894a, 219.—Braun, 1882a, 195; 1882c, 123; 1883a, 148, 164-165, figs. 39, 44, 46; 1891e, 110; 1893f, 390; 1895b, 243, figs. 107, 118, 119; 1900a, 1622; 1903a, 302; 1906a, 270, fig. 187; 1908a, 279, 341; 1915a, 290, 363, 365, fig. 264.—Braun & Lühe, 1909a, 89, 90; 1910a, 94.—Brems., 1824a, 128; 1824c, pl. 4 fig. 23.—Brumpt, 1910a, 348; 1913a, 413.—Buëtsch., 1873a, 55; 1876, 42.—Bunge, 1883, 84, 50.—Campb. & Lacr., 1907, 70.—Carnoy, 1886b, 50.—Cobbald, 1858b, 165 (in F. c. d.); 1866, 5; 1866b, 9 (in F. concolor); 1873c, 83, 124; 1874d, 8; 1879a, 61, 62-63; 1879b, 237, 238, 239, 244, 302, fig. 49.—Cast. & Chalm., 1910a, 443.—Cohn, 1899a, 6.—Crep., 1839a, 282.—DaCosta, 1884, 932.—Daniels, 1910a, 71; 1914a, 169.—Daniels & Stanton, 1907a, 344, 345.—Dav. 1877a, xcvi, 234, fig. 53.—Delafield & Prudden, 1897a, 136.—Dewitz, 1892b, 9, 72, 128, 143, 146, 147, 152-154, figs. 86, 93, 118.—Dies., 1851a, 180 (in F. c. d., F. c. f., F. l, F. maniculata); 1861a, 665 (in F. c.; Pa.).—D'Udekem, 1859, 7.—Duj., 1845a, 162-163.—Dungl., 1893a, 107, 463, 820.—Dramard, 1905, v. 13 (5), 222-224, figs. 1-2 (var. leptoptera in lion).—Fiebiger, 1912a, 296.—Francis, 1894a, 451.—Galeb, 1878b, 343, 350, 354.—Glaue, 1909 (4), 463 (so. felis) (review of 1909, v. 33, 785-790); 1910, ZA, 744, 745, 754 (type of Belascaris).—Gough, 1908, 3.—Grassi, 1879i, 276-278.—Gurlt, 1831a, 366-367, pl. 8 figs. 16-20.—Guiart, 1910a, 369.—Heller, 1872b, 73.—Hempel., 1915, 96.—Hering, 1873a, 305-337.—Hut. & Mar., 1906a, 395; 1910b, 494; 1913b, 494, 497.—Ijima., 1889b, 300.—von Ihering, 1902a, 47, 48.—Jägers., 1894b, 454; 1898a, 787; 1909, 8.—Jaksch, 1889a, 189, fig. 64.—Jammes & Martin, 1908, 208, 209.—Joseph, 1884a, 264-266.—J. Comp. M. & S. N. Y., 1883, v. 4, 171 (in cat.).—Kefenstein, 1861a, 135-137 (parasitische Pilze aus), pl. 15A figs. 1-7; 1862a, 135-137.—Kholodk., 1899a, 177.—Knoch, 1862e, 126.—Kowal., 1904, 7 [22] (in F. c.).—Krabbe, 1865e, 18, 20-21, 38, 40, 48.—Krefft, 1871a, 212 (in cat.).—Küech. & Züern, 1881a, 412.—Kuschakewitsch, 1907, 212.—Lam., 1816, 208; 1840a, 655.—Leidy, 1856b, 50; 1875a, 14; 1875b, 17.—Leiper, 1907, 1296, 1297.—Leuck., 1863a, 54, 57; 1866b, 210; 1867b, 10, 24, 32, 50, 66, 80, 84, 124, 125, 150, 155, 195, 200, 203, 212, 219, 223, 227, 253, figs. 20, 27, 38, 45, 47-49, 57, 58, 75, 89, 92, 158; 1868a, 258-285, 291, 292, 299, 307, 360, 383, figs. 159, 160, 162-174; 1876a, 618, 876, 877; 1879a, 70, 74; 1886d, 54, 56,

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- 667.—Linst., 1866c, 2; 1883a, 276; 1899b, 5; 1901b, 410; 1903u, 265; 1904, 4; 1908, Apr., 109 (in *Felis pardus*; India).—Lint., 1905a, 21–22 (in lion).—Loeb & Smith, 1904, 4.—Looss, 1905a, 18; 1911a, 258.—Lukjanow, 1888a, 293–302 (intest. epithelium); 1888b, 471; 1888c, 583.—Lutz & Sp'endore, 1908, v. 46, 314 (in cats, as host of *Nosema mystacis*).—Mayer, 1908, 500.—Marcus, 1905a, 39–44, figs. 1–3; 1906, 421–426, figs. 1–3 (chromosomes).—Martin, 1913, 74.—Martini, 1906a, 707.—Mégn., 1888a, 655–659, figs. 1–3.—Mol., 1861c, 279.—Moniez, 1896a, 400, 406–409, fig. 74.—Mori, 1908, 668 (mystax); 1911, v. 17, 417–418.—Mœbius, 1874, 257 (in *Canis lagopus*).—Morton, 1865a, 278.—Mosler & Peiper, 1894a, 207–208, figs. 76–78.—Mueh., 1898b, 22, 45.—Muell., 1890c, 64 (in cat; Munich).—Neum., 1896f, 177, 183.—Neum. & Mayer, 1914a, 451.—Nordm., 1840a, 655 (s. *felis*).—Nev.-Lem. 1902a, 99; 1908a, 430.—Oken, 1815a, 201.—Olfers, 1816a, 63.—Oppenheim, 1900, 185, 187.—Packard, 1896a, 502.—Par., 1887b, 337–339 (65–67) (in *Canis fam.*, *C. vulpes*, *F. dom.*, *F. leo*, *F. lynx*, *F. concolor*, *Homo*); 1887c, 492 (12) (in *Vulpes vulg.*); 1894a, 214; 1900c, 194 (in *F. d.*).—Perez, 1866a, 220, 273, 278, 280.—Perronc., 1882a, 302.—Petit & Motas, 1902a, 240–241 (in hepatic ducts); 1902b, 146; 1902c, 101; 1902d, 305; 1903a, 111.—Porta, 1911, 376 (in *F. catus*).—Pratt, 1916a, 225.—Rail., 1889, 124; 1890, 143; 1890, 321; 1892, 30; 1893a, 402 (s. *tricuspidata*, *wernerii*, *alata*, etc.).—Risso, 1826, 260.—Ritchie, 1915, 41.—Roberts, 1888, 673.—Rud., 1802a, 13 (s. *felis* Gmel. 3031); 1809a, 140–141; 1819a, 42, 276 (in *F. c. d.*, *F. c. f.*, *F. lynx*).—Royal, 1909, 326; 1909, 501.—Schneidemann., 1896, 322.—Schneid., 1866a, 6, 31, 33, 34, 38–39, (s. *triquetra*, *marginata*, *leptoptera*, ? *microptera*) 40, 212, 220, 226, 247, 255, 257, 258, 260, 269, 272, 274, 275, 280, 281, 283, 284, 285, 286, 287, 288, 290, 293, 301, 310, pl. 1 fig. 4, pl. 2 figs. 4–5, pl. 24 figs. 1, 9, 14 (in *C. fam.*, *F. concolor*, *F. dom.*, *F. leo*, *F. lynx*, *C. vulpes*).—Schade, 1906a, 443; 1906b, 822; 1907a, 69.—Shiple, 1896a (1901b), 125, 130, 140; 1905, 96 (in dog).—Simon, 1896, 183, 193, fig. 54; 1897, 209, 225, fig. 55; 1907a, 305, fig. 97; 1911a, 233, fig. 82.—Schroeder, 1914, v. 18 (10), 419–451, figs. 1–6; 1914, v. 65 (37), 870.—Sl. & Sw., 1912a, 317, 371.—Smith & Goethe, 1904, v. 43, 543.—Sons., 1889, 281, 282 (in *C. fam.*, *F. catus*, *F. dom.*); 1889c, 231.—Stewart, 1916, 488.—Stiles, 1891f, 163; 1891g, 164; 1907 (37), 41 (to *Toxocara*).—Stoss., 1890, 190; 1890, v. 12, 55; 1890, 129; 1893, 83; 1896a, 13–16 (7–10) (in *C. fam.*, *C. vulpes*, *C. lupus*, *C. lagopus*, *C. aureus*, *C. azaræ*, *Champsia nigra*, *F. dom.*, *F. catus*, *F. leo*, *F. pardus*, *F. lynx*, *F. concolor*, *F. maniculata*, *Homo*, *Herpestes albicauda*, *Mustela martes*, *M. foina*, *Nasua socialis*, *N. narica*, *N. rufa*, *Viverra genetta*); 1896, 121 (in *Ch. n.*); 1897, 1; 1898, 67.—Stubbendorff, 1893, 10, 27.—Sustmann, 1915, MtW, 569–571 (epilept., dog).—Tabusso, 1905c, 36–39; 1905d, 551 (verminous entero-peritonitis in dog); 1906a, 370.—Vallillo, 1909h, ZiB, 461–462 (var. *leonis*); 1909i, 856; 1910, Feb., 36.—Vauil., 1901, 135.—Verrill, 1870, 171, 175, 237.—Vogt, 1878, 11, 13, 54, figs. 49, 50, 51.—Wagner, 1883, 123.—Walter, 1866, v. 7, 18; 1866, 68–69.—Walton, 1916, 39, 41.—Ward, 1895a, 301, 342 (in *C. f.*); 1903l, 223 (so. *canis*).—Weichselbaum, 1898, 323.—Weidman, 1912, 39 (in *F. rufus*).—Wedl, 1856, v. 19, 35.—Züern, 1882, 238, pl. 4 figs. 14, 50.—Also reported for *Felis serval*, *Lynx canadensis*.
- , Occurrence in man.—See also: Beisele, 1911, MmW, v. 58, 2391–2392, 1 fig.—Cobbold, 1863a, 31–34, figs. 1–10; 1863b, 115–118, figs. 1–10; 1863c, 121–126.—Eichorst, 1901a, 303.—Engel, 1913, GmP, 189–190.—Fagge & Pye-Smith, 1902a, 464.—Huber, 1896a, 588.—Kelley, 1884a, 483–486 (in *U. S.*).—Leon, 1912, CiB, 386.—Mans., 1901, 545–546.—Ragazzi, 1903a, 509–520; 1906a, CiB, 613.—Schœppler, 1908a, 129–131; 1908b, 266; 1908c, 367; 1908d, 501; 1911, CiB, v. 58 (6), 567–568.—Stiles, 1914, MM, v. 2, 288.—Ward, 1895, 330.—[See also under *mystax*.]
- , Egg, spermatozoa, embryology, development of parasite: Bischoff, 1855a, 377–405.—R. Bl., 1888a, 666, 667, 704–710, 711, 716, figs. 349, 350.—Leidy, 1856b, 50.—Marcus, 1905a, 39–44, figs. 1–3; 421–426, 3 figs.—Mégn. 1888a, 655–659, fig. 1–3.—Nelson, 1851a, 86–87; 1851b, 157–158; 1852a, 563–594, pl. 25–30 fig. 1–92; 1852b, 31 pp., 6 pls.; 1852c, 197–198; 1852d, 205–207; 1852e, 39–40; 1856a, 131.—Thoms., 1856a, 138–139; 1856b, 425–438.
- mystax canis* (Werner, 1782) Rail., 1893a, 403 (s. *marginata*) (in dog).—Gough, 1908, 3 (in *Canis fam.*; S. Africa).—Nev.-Lem., 1904a, 101.
- mystax felis* (Gmel., 1790a) Rail., 1893a, 403 (s. *mystax* Rud.) (in cats).—Gough, 1908, 3 (in black-footed cat; S. Africa).—Nev.-Lem., 1904a, 101.

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- mystax leonis* Vallillo, 1909h, 461-462 (in *Felis leo*; Italy); 1909i, 856; 1910, 36.
- mystax leptoptera* (Rud., 1809) Dramard, Benoit, & Bazil, 1905, 222-224, fig. 1 (in *Felis leo*).
- myxines* Linst., 1898d, 760, fig. 5 (in *Myxine glutinosa*; Kværenfjord); 1898c, 285.
- nasuta* Schneid., 1866a, 45-46, 193, 1 fig. pl. 1 fig. 14 (in *Pelecanus onocrotalus*; Ostsee).—S., F., & W., 1908a, 287.—Stoss., 1896a, 39 (33) (in P. o.).
- neglecta* Leidy, 1856b, 52 (in *Diodon maculostriatus*; by Baird).—Dies., 1861a, 659 (in D. m.; Penn.).—Lint., 1901b, 410, figs. 33-36; 1905d (1906a), 328, 330, 403 (in *Chilomycterus schœpfi*; N. C.).—Mont., 1889d, 70 (in Dorado).—Stiles & Hass., 1894e, 341.—Stoss., 1896a, 89-90 (83-84) (in D. m.; N. A.).
- neitsib* Herbst, 1787a, 27 for *neitsil* (s. *phocæ*) (in Robben).—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Lûche, 1905b, 332.—Rud., 1809a, 119 (so. O. d.).
- neitsil* Müell. 1776a, 214 (in *Phoca foetida*; Greenland).—Lûche 1905b, 272, 332.
- nelsonis* Chatin, 1885a, 41 (hng.)
- nigrovenosa* Gœze in Zed., 1800a, 50 (includes *bufonis* Schrank [= *pulmonalis* Gmel.], *subulata* Schrank [cf. *trachealis* Gmel.], *dyspnoos* and *insons* Gmel.) (to Fus.; by Zed.) (in lungs of Frœsche & Wasserkroeten; Germany).—Bagge, 1841a, 1-16, fig. 20.—Baird, 1853, 21.—Bellingh., 1844a, 170.—Ben., 1866a, 207, 211.—Brandt, 1877a, 365-384, 14 figs.—Braun, 1883a, 152, 159, 186, 187, figs. 41, 43.—Cobbold, 1858b, 162 (in *Rana temp.*); 1879b, 452.—Dav., 1877a, lxxxix, xc.—Deutsche Zeits. f. Thiermed., 1889, v. 15, 317.—Dewitz, 1892b, 142, 143.—Dies., 1851a, 187 (s. *filif. bufonum* Gœze, *subulata* b. Gœze, *acicula*) (in *Anguis fragilis*, *Bombinator igneus*, *Bufo viridis*, *Pelobates fuscus*, *Pelophylax escul.*, *Phryne vulg.*, R. t.; Europe); 1861a, 666 (in *B. cinereus*, P. e.; Padua); 1861c, 278.—Duj., 1845a, 178.—Eichw., 1829a, 251.—Fisch., 1840a, 155.—Galeb, 1878b, 361, 362.—Galli-Val., 1901c, 363 (in R. t.), 365 (in R. escul.).—Gluge, 1842b, 1050; 1842c, 103; 1842d, 207-208.—Grassi, 1883c, 261.—Hannover, 1843a, 669-672; 1845a, 443-445.—Knoch, 1862e, 101.—Kœll., 1843a, 85, 101-136, figs. 21-23.—Leichtenstern, 1886c, 175.—Leidy, 1851b (1904a), 206 (±8).—Leuck., 1865b, 641-658; 1866g, 100-104; 1867b, 59, 61, 65, 76, 87, 89, 107, 139, 140, 141, 146, 148, 154, figs. 42, 43, 46, 68, 106-111; 1868a, 405, 412; 1876a, 691; 1879a, 4, 80, 118, 127, figs. 61, 62; 1886d, 2, 61.—Looss, 1892a, 37.—Mayer, 1841a, 15, 16.—Mayzel, 1879a, 31-33.—Metchn., 1865a, 409-420, pl. 10 figs. 1-11A; 1865b, 302-303; 1866d, 25-32.—McDowall, 1906a, 309-312, 1 pl.; 1908, v. 14, 613.—Mol., 1858 (1859e), 297 (in *Pelophylax esculentus*; Padua); 1859, 24; 1861c, 289 (in P. e.; P.).—Nedkoff, 1897a, 34 pp., 1 pl. 10 figs.; 1898a, 506-507.—Oken, 1815a, 201.—Olfers, 1816a, 63.—Olss., 1869b, 482; 1876a, 147.—Pag., 1857a, 40, 43.—Rollest., 1870, 136; 1888a, 684 (to *Angiost.*).—Rud., 1802a, 17-18, 44; 1809a, 147-149, 247 (in *Anguis fragilis*, *R. bombina*, *R. bufo*, R. t., R. e.); 1819a, 43, 279 (in A. f., B. cin., B. fuscus, B. igneus, B. viridis, R. e., R. t.; C. E. V.).—Schneid., 1866a, 151, 316, 317, 321.—Shipley, 1896a (1901b), 155.—Stoss., 1893, 4; 1898, 99.—Walter, 1866, 69.—Wedl, 1855, 406-407; 1856, 40.—Also reported for *B. vulg.*, *Bombinator igneus*.
- , eggs: Brandt, 1877a, 365-384, pl. 20-21, 14 figs.—Gluge, 1842b, 1050.—Leichtenstern, 1885b, 502.—McDowall (1906a), 309-312, 1 pl. (to *Angiost.*); 1908, v. 14, 613.
- , development: Hannover, 1843a, 669-672; 1845a, 443-445.—Leuck., 1865b, 641-658; 1866g, 100-104; 1867b, 147; 1868a, 412.—Mandl, 1842, v. 14; 1842, v. 2, 1084.—Metchn., 1865a, 409-420, pl. 10 figs. 1-11A.; 1865b, 302-303; 1866d, 25-32.—Nedkoff, 1897a, 34, 2 l., 1 pl. 10 figs.; 1898a, 506-507.
- nisi* Frœl., 1802a, 35-36 (in *Falco nisus*; lng.).—Dies., 1851a, 156 (so. *depressa*).—Mol., 1861c, 280 (so. d.).
- noduloso striata* Linst., 1878a, 107 (for *unduloso-striata*).—Stoss., 1896a (b), 73 (67) (in *Sarcorhamphus papa*).
- novacula* Rud., 1819a, 58, 302 (in *Labrus novacula*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in *Xyrichthys cultratus*; N.).—Duj., 1845a, 185.—Par., 1894a, 217.—Stoss., 1896a, 90 (84) (in X. c.; N.).—Also reported for *Coryphaena novacula*.
- nuda* Leidy, 1856b, 51 (in *Crotalus adamanteus*; by Schafhirt).—Dies., 1861a, 659 (in C. a.; Penn.).—Stiles & Hass., 1894e, 341 (in C. a., C. horridus).—Stoss., 1896a, 79 (73) (in C. a.; N. A.).

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- nuptax* Latter, 1904a, 319, 323 (misprint for *mystax*) (in dogs, cats).
- obconica* Baird, 1860c, 447 (in *Uranops angulatus*; from Brazil); 1861a, 229 (in U. a.; from B.).—Baylis, 1916, 224, 227, 411, 412, 413-416, figs. 1-3 (in *Helicops angulatus*; B.).—Dies., 1861c, 276 (in U. a.; B.).—Stoss., 1896a (b), 80 (74) (in U. a.).
- obtusa* Frøel., 1791a, 88-93, pl. 3 figs. 16-17 (s. *Lumbricus muris-domestici-minoris*) (in *Mus musculus*; Europe).—Hall, 1916a, 204 (so. *Protospirura muris*).—Mol., 1860b, 934 (to *Spiropt.*).—Oken, 1815a, 199.—Olfers, 1816a, 64.—Rud., 1809a, 156, 170-172 (s. *muris* Gmel.) (in *Mus m.*); 1819a, 27.
- obtusicaudata* Krøyer., 1843-45a, 644 (for *obtusocaudata*).
- obtusocaudata* (Zed., 1800) Rud., 1809a, 177-179, 202 (in *Salmo trutta*); 1819, 50, 291-292.—Bellingh., 1844a, 172 (Ireland).—Dies., 1851a, 178 (s. *farionis*, *truttæ*, *lavareti*) (in *Coregonus wartmanni*, *C. oxyrrhynchus*, *S. t.*, *S. fario*).—Duj., 1845a, 209-210.—Hofer, 1904a, 229 (in C. w., *Trutta trutta*, *T. fario*).—Krøyer., 1838-40a, 615; 1843-45a, 644 (*obtusicaudata*); 1852-53a, 1215 (in C. o., *S. t.*, *S. fario*).—Linst., 1906, 751, fig. 6 (in *T. fario*); 1909a, 51-52 (in C. w., *C. o.*, *T. f.*, *T. lacustris*, *T. t.*).—Oken, 1815a, 200.—Olfers, 1816a, 64.—Stoss., 1896a, 90 (84) (in C. o., *C. w.*, *T. t.*, *T. f.*).—Tosh, 1905, 116.—Valentin, 1891a, 436.—Zsch., 1896, 817, 820.—Also reported for *Salmo oxyrrhynchus*.
- obelata* Rud., 1802a, 18-20 (s. *vermicularis muris*) (in *Mus musculus*; by Rud.); 1809a, 155-156 (in *Mus m.*); 1819a, 19, 44, 280-281 (Greifsw.) (in *Arctomys citellus*, *M. arvalis*, *M. amphibius*; *C. E. V.*).—Bellingh., 1844a, 170.—Dies., 1851a, 146 (so. *oxyura*), 174 (so. *tetrapt.*).—Duj., 1845a, 159 (in *Mustela vulg.*), 165.—Galeb, 1878b, 286, 288.—Oken, 1815a, 202.—Olfers, 1816a, 64.—Schneid., 1866a, 30, 116.
- oculata* Linst., 1899b, 6, pl. 1 fig. 7 (in *Python reticulatus*; Berl. Mus.); 1903k, 109.
- oculi ranæ* Nordm., 1832a, 17-18 (in *Rana escul.*; by Nordm.).—Dies., 1851a, 195 (in *Pelophylax escul.*).—Gescheidt, 1833a, 423-424, 445.—Leuck., 1876a, 628.—Rayer, 1843d, 149.—Stoss., 1896a (b), 81 (75) (in *R. e.*).
- oligotoca* Sieb. in Carus, 1857a, pl. 8 figs. 4-8 (hng.; lng.).—Dies., 1861a, 668.
- opeatura* Leidy, 1891a, 411-412 (in *Cyclura baeolopha*; New Providence Isl.), to *Atractis* (Asc.).
- ophidii-barbati* Rud., 1819a, 57, 299 (in *Ophidium barbatum*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 197-198 (in O. b.; N.).—Duj., 1845a, 205.—Par., 1894a, 218.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- ophidii-imberbis* Rud., 1819a, 57, 299, 769 (in *Ophidium imberbe*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 198 (in *Fierasfer imberbe*; N.).—Duj., 1845a, 205.—Par., 1894a, 218.—Stoss., 1896a, 57 (51) (so. *capsularia*).—Also reported for *Fierasfer acus*.
- orthagorisci* Rud., 1819a, 56, 299 (in *Orthagoriscus mola*; Nap.).—Carus, 1884, v. 1, 170.—Dies., 1851a, 197 (in O. m.).—Duj., 1845a, 192.—Krøyer., 1852-53a, 745, 1231 (in O. m.).—Par., 1894a, 220.—Stoss., 1896a, 90 (84) (in O. m.; N.).
- osculata* Rud., 1802a, 14-15 (in *Phoca vitulina*; by Rud.); 1809a, 50, 135-136 (in P. v.); 1819a, 39, 651-652 (in P. v.; Greifsw.).—Ariola, 1914, v. 25, 68-70 (in *Foca elefantina*, *Halichoerus grypus*, *Macrorhinus leoninus*, *Monachus albiventer*, *Ogmorhinus leptonyx*, *Phoca barbata*, *P. cristata*, *P. foetida*, *P. groenlandica*, *P. hispida*, *P. v.*, *Trichechus rosmarus*).—Baird, 1853a, 18.—Baylis, 1916, P. 368.—Bellingh., 1844a, 169.—Braun, 1891e, 110.—Cobbold, 1866b, 9-10 (in *Caloc. barbatus*, *P. v.*); 1879b, 243, 313, fig. 59.—Crep., 1841a, 79; 1844a, 126, 128, 129.—Dies., 1851a, 169 (P. b., *P. groen.*, *P. gryphus*, *P. h.*, *P. monachus*, *P. pantherina*, *P. v.*; Greenland, Iceland).—Duj., 1845a, 164.—Jægers., 1893a, 10-16, pl. 2 fig. 12, pl. 4 fig. 35, pl. 5 fig. 39; 1894a, 450, 457, figs. 12, 35, 36, 38; 1897b, 20; 1898a, 738, 739, 740, 741, 787, 788, 789, 791.—Køll., 1843a, 110, 117.—Krabbe, 1878a, 45, pl. 1 fig. 1.—Leidy, 1891a, 410 (in *Macrorhinus angustirostris*).—Leiper & Atkinson, 1914, 222-226 (to *Kathleena*).—Leuck., 1867b, 124.—Linst., 1880a, 44-45; 1893, 19; 1895a, 528; 1901e, 272; 1903u, 266; 1905bb, 182-183, pl. 13 fig. 1-3 (in P. b.); 1905dd, 1; 1907, 469-470, fig. 7 (in *Leptonychotes weddelli*; Antarctic expedition); 1909, 49, fig. 7 (in *Cystophora cristata*, *Halichoerus grypus*, *L. w.*, *Monachus albiventer*, *P. groen.*, *P. b.*, *P. vitulina*, *P. pantherina*, *P. annulata*).—Marenz., 1882-83.—Mûch., 1898b, 45.—Nassonov, 1899a, in 61-86.—Nehring, 1884a, 59.—Olfers, 1816a, 62.—Rail., 1899, 128.—Rail. & Henry,

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osculata—continued.

1907, 2, 3-4, 7, 9, 13, 14 (in L. w., *Lobodon carcinophaga*).—Schneid., 1866a, 44, 193, 210, 219, 220, 247, 295, 1 fig., pl. 1 fig. 13, pl. 21 fig. 2 (in P. grøn.).—Sieb., 1854, 33.—Shipley, 1905, 96-97 (in P. b., P. grøn.).—Stiles & Hass., 1894e, 340 (in *Macrorhinus angustirostris*); 1899a, 100, 105, 106, 108, 109, 110, 112, 113, 120, 140, 147, 151-159, 160 (in *Cystophora cristata*, *Eumetopias stelleri*, *Erignathus barbatus*, *Halichoerus grypus*, *Monachus albiventer*, *Odobenus rosmarus*, *Otaria jubata*, P. grøn., P. foetida, P. panth., P. vit., *Stenor. leptonyx*).—Stoss., 1896a, 37-38 (31-31) (in *Cystophora cristata*, P. annellata, P. v., P. grøn., P. h., P. b., *Pelagius monachus*, *S. leptonyx*, *Trichurus rosmarus*).—Zsch., 1903, 30.

osmeri Linst., 1878b, 240, pl. 9 fig. 29 (larva in *Osmerus eperlanus*; Ing.); 1887d, 107 (in O. e.); 1899b, 10; 1909a, 54 (in O. e.).—Hofer, 1904a, 271 (in O. e.).—Stoss., 1896a, 62 (56) (in O. e.).

ostroumovi Golowin, 1901a (in *Acipenser ruthenus*) [nv]; 1901b, 751 (in A. r.); 1902, J RMS, 49 (in A. r.).—Linst., 1904, AN, Dec., 57.

ovalis Linst., 1907, 252, pl. 6 fig. 4 (in *Podiceps cristatus*; Ing.).

ovis Rud., 1819a, 54 (in *Ovis dom.*; C. E. V.).—Armatage, 1895, 462, 464, 476.—Bail. 1866b, 34.—Braun, 1915a, 366.—Campb. & Lacr., 1907, 69.—Curtice, 1890c, 151.—Dav., 1877a, xcvi, 235.—Dies., 1851a, 190 (in *Capra aries dom.*; M. C. V.).—Drasche, 1883a, 141, pl. 12 fig. 11.—Duj., 1845a, 166.—Fiebiger, 1912a, 297.—Geddes, 1911a, 131.—Huber, 1896a, 583.—Hut. & Mar., 1906a, 395; 1910b, 494; 1913b, 494.—Neum., 1884a, 119; 1884b(c), 382-386, pl. 2 figs. 1-6.—Nev.-Lem., 1912a, 669.—Rail., 1893a, 400-401, fig. 263.—Rans., 1911a, 13, 25, 122.—Schneidem., 1896a, 323 (*Ascaris*).—Sl. & Sw., 1912a, 371, 401.—Stoss., 1896a, 22 (16) (in O. aries; Wien).—Verrill, 1870, 176.—Ward, 1895a, 336 (in O. a.).

oxyura Nitzsch, 1821a, 48, pl. 2 figs. 1-6 (in *Mus musculus*; Ing.).—Cobbold, 1879b, 316.—Dies., 1851a, 145-146 (s. *vermicularis muris*, *obvelata*) (in *Arctomys citillus*, *Holochilus brasiliensis*, *Hesperomys leucogaster*, *Lemmus amphibius*, *L. arvalis*, *L. rutilus*, M. m., M. minutus, M. sylvaticus, M. rattus, *Oxymycterus nasutus*; Europe, Brazil, M. C. V.).—Eberth, 1863a, 63, 66, 67, 69, 70, pl. 8 figs. 7, 9.—Giebel, 1857a, 268.—Schmalz, 1831a, 54, pl. 17 figs. 8-9.

oxyuris Bond, 1874a, 818-819 (treatment) (for *Oxyuris vermicularis*).—Dungl., 1893a, 463.

pacheia Drasche, 1882 (1883a), 140-141 (2-3), pl. 12 fig. 9 (in *Sarcophagus papa*; Brazil).—Stoss., 1896a, 27 (21) (in S. p.).

pachyderma Stoss., 1902c (d; e) 5 (65; 5), pl. 3 figs. 13-14 (larva in *Lamna cornubica*; Genoa, Nap.).

pachysoma Linst., 1899b, 6-7, pl. 1 fig. 8 (in *Diacoepa macrolepis*; Massaua).

pallasii Linst., 1903u (1904a), 271-272, pl. 18 fig. 3 (in *Acipenser stellatus*; Kas-pisches Meer).

papillifera Linst., 1898c, 281-282, figs. 1-3 (in snake; Bismark Archipelago).

papilligerum (Crep., 1846) Stoss., 1887d (e), 188-189 (5-6) (larva in *Scomber scombrus*; Trieste); 1890, 55; 1896a (b), 62-63 (56-57) (in *Auxis rochei*, S. s.; Italy); 1898, 74.—Barbag. & Drago, 1903, 416 (in S. s.; Catania).

papillosa Bloch, 1782a, 32, pl. 9 figs. 1-6 (in Trappen; by Bloch).—Baird, 1853a, 27 (so. Het. vesicularis).—Brug., 1791a, 93, pl. 32 figs. 24-29 (in *Otis tarda*) (so. vesicularis).—Dies., 1851a, 148 (so. v.).—Duj., 1845a, 223 (so. H. v.).—Gmel., 1790a, 3034.—Hass., 1896a, 5 (to H.); 1896b, 2 (to H.).—Herbst, 1787a, 26, pl. 2 figs. 1-6 (in T.).—Mol., 1861c, 290 (102) (so. H. v.).—Nordm., 1840a, 654 (so. v.).—Perronc. & Tomiolo, 1901, 69.—Rail., 1893a, 407 (of Bloch not Mol.) (to H.).—Rud., 1809a, 129, 130 (so. v.).—Schränk, 1788, 12.

papillosa n. sp. Mol., 1860e, 338-339 (s. *Spiropt. corvi-cajani*) (in *Corvus cajanus*; Barro do Rio Negro, Brazil).—Dies., 1861a, 658 (in C. c.; B.).—Drasche, 1883b, 129 (probably belongs to *Heteracis*).

papillosus Bloch, 1782a, 32, pl. 9 figs. 1-6 (see *papillosa*).—Wilmsen, 1821, v. 3, 15-16.

parvula Frœl., 1802a, 45-46, pl. 1 figs. 19-20 (in *Ardea cinerea*; prob. by Frœl.).—Mol., 1860c, 487 (so. *Disph. analis*).—Rud., 1814a, 91 (so. sagittata).

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- pastinacæ* Rud., 1819a, 56 (in *Raja pastinaca*; C. E. V.).—Carus, 1884, v. 1, 170.—Dies., 1851a, 196 (in *Trygon pastinaca*; M. C. V.).—Drasche, 1883b, 135, pl. 9 figs. 22–23.—Duj., 1845a, 193.—Linst., 1905bb, 184, 190 (so. *quadrata* n. sp.).—Oerley, 1885a, 104.—Shipley & Hornell, 1904, 102.—Stoss., 1896a, 28 (22) (in T. p.).
- pastoris* Linst., 1883a, 279 (larva in *Pastor roseus*; Turkestan); 1886c, 5.—Stoss., 1896a, 52 (46) (in P. r.; T.).
- patagonica* Linst., 1880a, 41–42, pl. 3 fig. 1 (in *Phoca jubata*; Patagonia).—Rail. & Henry, 1907, 1, 2.—Stiles & Hass., 1899a, 107, 143–144 (in *Otaria jubata*; P.).—Stoss., 1896a, 20–21 (14–15) (in P. j.; P.).
- paucipara* Sieb., 1848a, 140 (in *Testudo græca*; Ing.).—Dies., 1861a, 668 (in T. g.).—Drasche, 1884b, 325 (in T. g.).—Schneid., 1866a, 273.—Stoss., 1896a, 80 (74) (in T. g.).
- pectinis-jacobæi* (Linst., 1878a) Seur., 1916, Bs, v. 49, 353.
- pedum* Deslgch., 1824e, 97 (in *maquereau*; Ing.).—Ben., 1870b, 37.—Dies., 1851a, 172 (in *Scombers scombrus*; Rennes).—Duj., 1845a, 208–209.—Krøyer, 1838–40a, 595 (in S. s.).—Stoss., 1896a, 91 (85) (in S. s.).
- pelagica* Gunnerus, 1770, 174.—Brug., 1792a, 140 (so. *rubra*) (cf. Gunnerus, 1770, Skrift. Kiøb. Selsk. Laerdoms, v. 10, 174, pl. E figs. 18–19).—Fabr., 1798a, 59 (of Müell.).
- pellucida* Rud., 1819a, 39, 270–271 (in *Upupa eppos*; by Treutler).—Dies., 1851a, 171 (in U. e.).—Duj., 1845a, 170–171 (in U. e.).—Stoss., 1896a, 73 (67) (in U. e.).
- pellucida* Brown, 1823a, 107–111 (in eye of horse; India).—Kennedy, 1823a, 107–111 (*pellucidus*); 1823b, 5 pp.—Lee, 1840a, 286 (so. *Fil. papillosa*).—Mo., 1858, 406 (so. F. p.).—Nordm., 1832a, 11 (so. F. p.).—Rail., 1893a, 525 (so. *equina* or *inermis*).—Stiles, 1892f, 146; 1907b, 41 (? so. *Fil. equina*), 45 (? so. *Fil. conjunctivæ*).—Ward, 1895a, 339 (in *Equus cab.*).
- pellucidus*. See *pellucida*.
- penita* Leidy, 1886e, 312 (in *Trachemys scabra*; apparently U. S. A.); 1904a 192.—Par., 1900c, 194.—Stiles & Hass., 1894e, 341 (in T. s.).—Stoss., 1896a, 80 (74) (in T. s.; N. A.).
- percæ* Gmel., 1790a, 3036 (in *Perca fluvi.*; Gœze, 1782a, 90).—Bennet & Olivier, 1826a, 18–19.—Dies., 1851a, 162 (so. *truncatula*).—Rud., 1809a, 173 (so. t.).
- perspicillum* Rud., 1803a, 9–10 (s. ? *Fus. inflexa*, A. teres (from turkey), *gallopavonis*) (in *Meleagris gallopavo*; by Rud.).—1809a, 141–142 (in M. g.); 1819a, 42 (Greifsw.).—Bail., 1866b, 36.—Brems., 1811a, 18, 24.—Dav., 1877a, xcix.—Dies., 1851a, 183–184 (in M. g.; G.).—Duj., 1845a, 218.—Gerv. & Ben., 1859b, 125 (*perspicillum*).—Hass., 1896a, 5 (to Het.); 1896b, 2 (to H.).—Olfers, 1816a, 63.—Rail., 1893a, 406 (to H.).—Schneid., 1866a, 70.—Stoss., 1888, v. 2, 279 (so. H. *inflexa*).—Verrill, 1870, 180.
- petromyzi* Linst., 1879a, 171, pl. 11 figs. 14–15 (in *Petromyzon fluviatilis*; Ing.); 1887d, 107 (in P. f.); 1909a, 54 (in P. f.).—Barbag. & Drago, 1903, 416 (in P. marinus; Catania).—Stoss., 1896a, 63 (57) (in P. f.).
- phasiani* Gmel., 1790a 3034 (in *Phasiani picti* int. cæco; Gœze, 1782a, 86).—Rud., 1809a, 129 (so. *vesicularis*).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- philomelæ* Linst., 1879b, 321, pl. 5 fig. 5 (in *Luscinia philomela*; Ing.).—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70 (so. e.).
- phoca* Gœze, 1782a, 39 (in Seehund), 73 (renamed *phocarum*, in *Phoca vitulina*).
- phocæ* Fabr., 1780a, 272 (s. *neitsib*) (in *Phoca groenlandica*, P. *foetida*; Greenland); 1790, 155, 156 (s. *bifida*).—Brug., 1791a, 91, pl. 30 figs. 5–6; 1792a, 131, 137–138.—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Gmel., 1790a, 3030.—Krabbe, 1878a, 44.—Lühe, 1905b, 272, 332 (so. *Ophiost.*).—Müell., 1784a, 46, 49, 101, 106, pl. 74 fig. 1; 1788b, 46, pl. 74 fig. 1 (s. *phocarum*).—Rud., 1793, 10; 1809, 119.—Stiles & Hass., 1899a, 105 (in seals; G.).—Zed., 1803a, 114.
- phocæ-groenlandicæ* Rud., 1809a, 121 (for *phocarum*, quotes Gœze, 1782a, 73, pl. 2 figs. 9–10).
- phocarum* Gœze, 1782a, 73, pl. 2 figs. 9–10 (in *Phoca vitulina*; from Cassel; Ing.).—Brug., 1792a, 137 (so. *phocæ* Fabr.).—Rud., 1809a, 121 (so. *phocæ-groenlandicæ*).—Schränk, 1788a, 8 (in Seehund; Gœze, 1782a, 73, pl. 2 figs. 9–10).—Stiles & Hass., 1899a, 105.

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- phoxini* Linst., 1887d, 106–107, pl. 2 fig. 9 (in *Phoxinus lævis*; Ing.); 1909a, 55 (in P. l.).—Hofer, 1904a, 229 (P. l.).—Stoss., 1896a, 63 (57) (in P. l.; Gœtt.).
- phycidis* Rud., 1819a, [57], 300 (for *phycis*).—Barbag. & Drago, 1903, 417 (in *Phycis mediterraneus*: Aci-Trezza).—Carus, 1884, v. 1, 171.—Dies., 1851a, 199 (in P. m.; Rimini).—Duj., 1845a, 183.—Par., 1894a, 217.—Stoss., 1896a, 91 (85) (in P. m.; R.).
- phycis* Rud., 1819a, 57 (in *Blennius phycis*; Rimini).
- pica* Rud., 1819a, 54, 297 (in *Corvus pica*; Greifsw.).—Dies., 1851a, 192 (in C. p.; G.).—Duj., 1845a, 170.—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70.
- pigmentata* Linst., 1897j, 28, pl. 4 fig. 2 (in *Arctomys marmota*; Koenigsb.).—Hall, 1916a, 40, 41–42, fig. 46 (in *Marmota marmota*).
- piscicola* Linst., 1878b, 239, fig. 27 (larva in *Blicca bjœrkna*, *Cobitis fossilis*, *Esox lucius*; Ing.); 1879a, 169; 1887d, 107 (in B. bj., C. f., E. l.); 1909a, 54 (in B. bj., C. f., E. l.).—Hofer, 1904a, 271 (in B. bj., C. f.).—Stoss., 1896a, 47 (41) (so. *acus*); 1898, 72.
- piscium* Pall., 1781a, 90 (so. *Tœnia nodulosa*).
- plagiotomorum* Linst., 1905bb, 183–184, pl. 13 fig. 4 (in *Selache maxima*, *Raja radiata*; Ceylon).
- platessæ* Ben., 1871a, 76 (in *Platessa vulg.*; Belgium).
- pleuronectis* Muëll., 1776a, 214; 1784a, 103, pl. 74 fig. 5; 1788b, 47, pl. 74 fig. 5 (in ventric. *Pleuronectis platessoidæ*).—Brug., 1792a, 131, 138–139.—Bosc, 1802, 9.—Crep., 1844a, 130.—Dies., 1851a, 57 (= *Echinorh. pleuronectis-platessoides*).—Fabr., 1780a, 274.—Gmel., 1790a, 3048.—Herbst, 1787a, 27.—Lûche, 1905b, 274, 332.—Porta, 1905a, 196 (so. *Ech. p.-p.*).—Rud., 1809a, 310–312.—Westrumb, 1821a, 42.
- pollicaris* Linn. [nv.], cf. 1758a, 648.—Baird, 1853a, 14 (so. *Oxyuris vermicularis*).—Pall., 1781a, 72 (seu *acicularis*, in *Equus cab.*).—Rud., 1809a, 154.
- porcipara* Stiles & Hass., 1894e, 341 (misprint for *paucipara*) (in tortoise, gen. ? sp. ?; Eng.).
- prælonga* Duj., 1845a, 201–202 (in *Colymbus auritus*; Mus. Wien).—Dies., 1851a, 158 (so. *spiculigera*).—Stoss., 1896a, 32 (26) (so. s.); 1898, 70.
- prionodora* Stoss., 1902e, 5, pl. 3, figs. 9–10 (in *Lampris luna*; Viareggio).
- procellariæ* Dies., 1851a, 194 (in *Procellaria anglorum*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 73 (67) (in P. a.; I.).
- pterophora* Crep., 1853 (1854a), 60–61 (in *Dicholophus cristatus*; Brazil).—Dies., 1861a, 664–665 (in D. *marcgravi*; B.).—Stoss., 1896a, 73 (67) (in D. m.; B.).
- pterostichi* Linst., 1892a, 325, pl. 15 fig. 1 (in *Pterostichus niger*; Ing.); 1893, 330.—Stoss., 1896a, 63 (57) (in P. n.).
- pulmonalis* Gmel., 1790a, 3035 (based on Gœze, 1782a, 95–97, pl. 5 figs. 6–17, from lungs *bufonis* & *rubetræ* [same as A. *bufonis* Schrank]).—Bennet & Olivier, 1826a, 16–17 (in *Anguis fragilis*, *Rana bufo*, *R. bombina*, *R. escul.*, *R. temp.*).—Dies., 1851a, 187 (so. *nigrovenosa*).—Rud., 1801a, 49 (sub *Lior.*); 1802a, 44; 1809a, 147–148 (so. n.).—Sherborn, 1902, 787.
- pusilla* Rud., 1802a, 29 (in *Schweinigel*; by Rud.); 1809a, 50, 164–165 (in *Erinaceus europæus*); 1819a, 46.—Cobbold, 1879b, 295.—Crep., 1839a, 282; 1844a, 133.—Dies., 1851a, 165 (in E. e.; Greifsw.).—Duj., 1845a, 157.—Oken, 1815a, 199.—Olfers, 1816a, 30, 64.—Seur., 1916, 353.—Stoss., 1896a, 63–64 (57–58) (in E. e.; G.).
- pythonis* Cat. RCSL, 1830, 43 (in *Python*).—Dies., 1851a, 161 (so. *anoura*) (quotes Retz., 1830a, 104, 107, pl. 5) (in *Python bivittatus*; Bengal).—Mol., 1861a, 282 (so. *attenuata*).—Stoss., 1896a, 77 (71) (so. a.).
- quadrangularis* Schneid., 1866a, 31, 35, 43, 255, 256, pl. 1 fig. 10 (in *Crotalus* sp.; Brazil).—Linst., 1802d, 31.—Stoss., 1896a, 25 (19) (in C. sp.; B.).
- quadrata* Linst., 1904f, 3–4, pl. 1 fig. 4 (in *Crocodylus porosus*; Bolgoda).
- quadrata* n. sp. Linst., 1905bb, 184–185, 190 (s. ? *pastinacæ*), pl. 13 fig. 5 (? in *Tœniura* sp.).
- quadicornis* Wedl., 1861b, 469, 481–482, figs. 17–19 (in *Uræus haje*; Egypt).—Stoss., 1896a, 50 (44) (in U. h.; E.).—Also reported for *Naja haje*.
- quadrilobata* Linst., 1908, 21, pl. 4 fig. 1 (in *Pseudaspis cana*, *Vipera arietans*; Kooa, Kalahari, Africa).

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- radiata* Linst., 1907, 468-469, figs. 4-5 (in *Leptonychotes weddelli*; Antarctic expedition); 1909, 48-49, figs. 4-5 (in L. w.).—Baylis, 1916, P, 368.
- radiosa* Schneid., 1866a, 31, 42, pl. 1 fig. 9 (in stom., *Echidna rhinocerotis*; Mozambique).—Stoss., 1896a, 36 (30) (in E. r.; M.).
- raia* Müell., 1776a, 214.—Fabr., 1780a, 273-274 (s. *raja*) (in *Raia fullonica*; Greenland).
- raja* Fabr., 1780a, 273-274 (for *raia* Müell.) (so. *raia*) (in *Raia fullonica*; Greenland).—Brug., 1792a., [131], 138 (in *Raja f.*; Greenland).—Crep., 1844a 124 (in R. f. = R. *radiata*).—Gmel., 1790a, 3037.—Herbst, 1787a, 27 (in Bauch des Rochen).—Krøyer., 1852-53a, 960 (in R. r.).—Müell., 1784a (1788b), 102 (47), pl. 24 fig. 4 (in R. f.).—Rud., 1809a, 124, 188, 311.
- raja* Dies., 1851a, 196 (in *Raja batis*; Ireland, Bellingh., 1844a, 174).—Krøyer., 1852-53a, 995 (in R. b.).—Oerley, 1885a, 104.—Stoss., 1896a (b), 91 (85), (in R. b.; I.).
- ralli* Rud., 1819a, 55 (in *Rallus crex*; C. E. V.).—Dies., 1851a, 193 (in *Gallinula crex*; M. C. V.).—Duj., 1845a, 173.—Stoss., 1896a, 73 (67) (in G. c.).—Also reported for *Crex pratensis*.
- ranæ* Gmel., 1790a, 3035 (in *Rana temp.*; Goeze, 1782a, 101, pl. 4 figs. 4-9).—Bennet & Olivier, 1826a, 17 (in R. *arborea*, R. t.).—Dies., 1851a, 152 (so. *acuminata*).—Fisch., 1799a, 98.—Nordm., 1840a, 654 (so. a.).—Rud., 1809a, 136 (so. a.).
- ranziæ* (Stoss., 1893) Stoss., 1898c, 75 (in *Ranzania truncata*; Pirano).
- reclinata* Rud., 1819a, 657 (in *Crotophaga major*, C. minor; Brazil).—Dies., 1851a, 174 (in C. ani, C. major; B.).—Stoss., 1896a, 74 (68) (in C. ani, C. major).
- rectanquila* Linst., 1907, 464-468, figs. 1-3, 8-15 (in *Leptonychotes weddelli*; S. Orkneys); 1909, 45-48, figs. 1-3, 8-15 (in L. w.).—Baylis, 1916, P, 368.—Leiper & Atkinson, 1915, 27 (to Kathleena).
- reflexa* Nitzsch, 1821a, 47 (in *Caprimulgus europæus*; Ing.).—Dies., 1851a, 173 (so. *subulata*).—Duj., 1845a, 169-170.—Schmalz, 1831, pl. 18 figs. 1-6.—Stoss., 1896a, 76 (70) (so. s.).
- renalis* Goeze, 1782a, 39, 73 (in kidney of *Canis fam.*; Redi, 1729, 309, pl. 9 fig. 1 and Gmel., 1790a, 3032).—Aubinais, 1846a, 51, 56.—R. B1., 1888a, 727 (so. *Eustr. gigas*).—Braun, 1903a, 290; 1908a, 324; 1915a, 329.—Breder, 1882a, 168-170.—Brumpt, 1910a, 472; 1913a, 534.—Cast. & Chalm., 1913a, 562.—Cat. RCSL, 1830, 40.—Chiaje, 1825a, 8 (so. *Str. gigas*).—Cuv., 1817a, 34 (so. S. g.).—Dies., 1851a, 327 (so. E. g.).—Duj., 1845a, 113 (so. S. g.).—Dungl., 1893a, 107, 821.—Nordm., 1840a, 650 (so. S. g.).—Rud., 1809a, 211 (so. S. g.).—Stiles, 1913 (2169), 128.—Stoss., 1899d, 57 (3) (so. E. g.).—Ward, 1895a, 330 (in *Homo*) 333 (in *Bos taurus*), 339 (in *Equus cab.*), 342 (in *Canis fam.*); 1903, 220 (so. *Diocotophyme renale*).
- reticulata* Linst., 1899b, 7, pl. 1 fig 11 (in *Ardea coçoi*; Porto Alegre).—S., F., & W., 1908a, 288.
- retusa* Frœl., 1802a, 41-43 (in *Corvus corone*, *Tringa vanellus*; by Frœl.).
- retusa* Rud., 1819a, 656-657 (in *Dasypus novemcinctus*; Brazil).—Cobbold, 1859d, 365, pl. 63 fig. 22 (in D. *sexcinctus*); 1861e, 121 (in D. s.); 1879b, 321, fig. 60.—Dies., 1851a, 147 (in D. *peba*; B.).—Duj., 1845a, 166 (in D. n.).—Schneid., 1866a, 73 (to Het.).
- rhombi* Gmel., 1790a, 3036 (in *Pleuronectes rhombus*; quotes Müell., 1780c, 213).—Bennet & Olivier, 1826, 18 (in P. r.).—Dies., 1851a, 162 (so. *acuta*).—Mol., 1861c, 282 (so. a.).—Rud., 1809a, 182 (so. a.).
- rytinæ* Dies., 1851a, 190 (s. *Lumbricus candidus* 1751, *rytinæ*) (in *Rytina stelleri*; Brandt, 1849a, 100)—Cobbold, 1879b, 429.—Linst., 1878a, 59.—Stoss., 1896a, 69 (63) (in R. s.; Bering).—Also reported for *Hydrodamalis gigas*.—See also *rytinæ*.
- rytinæ-stelleri* Dies., 1851a, 190 (so. *rytinæ*) (quotes Brandt, 1846a, 192).
- rigida* Rud., 1809a, 181-182 (s. *marina* Müell., *lophii* Müell.) (in *Lophius piscatorius*; by Müell.); 1819a, 51, 292.—Baird, 1853a, 22.—Carus, 1884, v. 1, 169.—Cobbold, 1858b, 161 (in L. p.).—Dies., 1851a, 164 (in L. p.; M. C. V.); 1861a, 659-660 (in L. p.; Trieste, Padua); 1861c, 276.—Drasche, 1883a, 141, pl. 12 figs. 12-14.—Duj., 1845a, 183-184.—Galeb, 1878b, 334.—Hamann, 1895, 98, pl. 5 figs. 9-10.—Jägers., 1898a, 793.—Krøyer., 1838-40a, 741 (in L. p.).—Linst., 1890d, 179; 1903u, 267, 275; 1905t, 356 (in *Gadus carbonarius*).—

ASCARIS—Continued.

rigida—continued.

Lint., 1901b, 410, 488 (L. p.: Woods Hole).—Mol., 1858d, 147; 1859h, 22; 1861c, 283, 284 (in L. p.; P.).—Olfers, 1816a, 64.—Olas., 1869b, 499, 514.—Par., 1894a, 217.—Schneid., 1866a, 48 (in L. p.) 251, 280, pl. 2 fig. 3.—Shipley, 1905k, 95 (so. adunca).—Stoss., 1896a, 26 (20) (in *Labrax lupus*, L. p.); 1898, 68.—Thomps., 1844, 439.—Wedl, 1855, v. 16, 390; 1856, v. 19, 38, pl. 1 fig. 8.

rosarius Connal, 1912, 233–234, figs. g–h (in *Nycticorax* sp.; Lagos).

rosmari Baylis, 1916, P, 373–376, pl. 15 fig. 3, pl. 17 fig. 3 (s. bicolor Baird) (in walrus; Brit. Mus.).

rostrata Stoss., 1897a, 2, figs. 6–8 (in *Sciæna aquila*; Fiume).

rostratus Scortegagna, 1848a, 245 (in Homo; Italy) (as lumbricoides rostratus).

rotunda Mol., 1861c, 280 (93).

rotundata Rud., 1819a, 39, 270 (in *Squalus galeus*, S. *glaucus*; Rimini, Mus. Wien).—Bellingh., 1844a, 169 (Ireland).—Ben., 1870, 5.—Carus, 1884, v. 1, 169.—Chatin, 1885a, 40, 41.—Dies., 1851a, 171 (in *Galeus canis*, *Gadus morrhua*, *Prionodon glaucus*, *Raja batis*; Europe, M. C. V.).—Duj., 1845a, 190, 192.—Garin, 1913, 42–47, 49, 71, 84, 148, figs. 8–10 (in *Carcharias glaucus*).—Jægers., 1893a, 29–39; 1894b, 476, figs. 4, 5, 13, 18, 24, 25, 27, 28, 29, 43; 1898a, 739, 741, 787, 788, 789, fig. 3.—Krøyer., 1838–40a, 605; 1852–53a, 851, 995 (in *Gad. m.*, *Gal. vulg.*, R. b.).—Linst., 1880a, 44, pl. 3 figs. 8–9; 1903u, 266.—Lint., 1901b, 410, 430, 431, 434, figs. 14–18 (in *Chimæra affinis*, R. *eglanteria*, R. *erinacea*, R. *ocellata*).—Martini, 1906a, 700.—Oerley, 1885a, 102, 104, 108 (in *Gal. c.*, *Gad. mo.*, *Mustelus lævis*, R. b.); 1885b, 217.—Par., 1894a, 220.—Stoss., 1896a, 22–23 (16–17) (in *G. m.*, *G. c.*, *Mustelus equestris*, *Prionodon glaucus*, R. b., R. *fullonica*, R. *radiata*, *Scymnus microc.*).

rotundicaudata Linst., 1904f, 2, pl. 1 fig. 1 (in *Calotes ophiomachus*; Colombo).

rubicanda Schneid., 1866a, 31 (misprint for *rubicunda*).

rubicunda Schneid., 1866a, 35, 42, 255, 256, pl. 1 fig. 8 (in *Python molurus*; Zool. Garden Berl., from ? Bengal).—Kowal., 1902d, 26 (8) (in P. m.).—Leidy, 1891b, 236 (so. anoura).—Linst., 1901b, 409; 1902d, 31; 1903, 109.—Müell., 1897, 9–10, pl. 1 fig. 6.—Par., 1898b, 12.—Shipley, 1896a (1901b), 141; 1903, 49, 52, 54 (5, 8, 10) (in P. m.; Weligatta); 1905, 97.—Smith, 1908, 266 (in P. m.).—Stoss., 1895c, 35, 36, pl. 5–6 figs. 30, 31, 35 (in P. m., P. *reticulatus*; Singapore); 1896a(b), 35(29) (in P. m., P. r.; Singapore).

rubra Müell., 1774a, 36–37 (free; Norway & Eng.) (quotes Pall., figs. 7–9); 1776a, 213; 1784a, 107.—Brug., 1792a, 131, 140.—Fabr., 1798a, 59.—Herbst, 1787a, 27.

rugosa Mol., 1858d, 146 (in *Strix bubo*; Padua); 1861c, 281–282.—Dies., 1851a, 658 (in *Strix b.*; P.); 1861c, 276.—Par., 1894a, 214.—Stoss., 1896a, 74 (68) (in *Bubo maximus*, P.).—Also reported for *Bubo ignavus*.

rytinæ Dies., 1851a, 190 (s. *rhytinæ*—*stelleri*, *Lumbrici candidi*) (in *Rytina stelleri*; Bering Sea).—Stiles & Hass., 1899a, 100, 108, 163–164 (in *Hydrodamalis gigas*; B. S.).—See also *rhytinæ*.

sagittam Olfers, 1816a, 64 (in *Ardea nigra*) (cf. *sagittata*) [nv.].

sagittata Rud., 1809a, 189 (in *Ardea nigra*; by Braun); 1814a, 91; 1819a, 24.—Mol., 1860c, 487 (so. *Disph. analis*).

salamandræ Schrank, 1790a, 122 (in *Salamandra maculosa*; Schrank); 1803, 200.—Dies., 1851a, 152 (so. *acuminata*).—Rud., 1809a, 199 (so. *salamandræ-terrestris*).

salamandræ-tæniatæ Gravenhorst, 1807, v. 8, 14.—Rud., 1809a, 199.

salamandræ-terrestris Rud., 1809a, 167, 199 (*salamandræ* renamed) (in *Salamandra maculosa*; by Schrank); 1819a, 47 (so. *brevicaudata*).

salaris (Gmel., 1790) E. Bl., 1849a, 151–152, pl. 6 fig. 2 (in *Gadus*) (s. *Capsularia*, *Cucullanus salaris*, *C. lacustris*, *Capsularia salaris*, *C. trinodosa*).—Ben., 1871a, 56 (in *Morrhua vulg.*).—Dies., 1851a, 163 (so. caps.).—Stiles & Hass., 1894c, 341 (in *Gadus morrhua*).—Stoss., 1896a, 57, 92 (51, 86) (so. caps.).

salmonis-omul Rud., 1819a, 59 (in *Salmo omul*; Pall., 1813, v. 3, 409).—Dies., [1850a, 558]; 1851a, 203 (in *Salmo (Omul) autumnalis*).—Duj., 1845a, 210 (in S. o.; Asiatic Russia).—Stoss., 1896a, 92 (86) (in S. a.; Asiatic Russia).

ASCARIS—Continued.

- salvini* Baird, 1860c, 446 (in *Oreophasis derbianus*; of Guatemala); 1861a, 228-229 (in O. d.; of G.).—Baylis, 1916, 411, 412, 417-418 (in O. d.; G.).—Dies, 1861c, 277 (in O. d.; G.).—Stoss., 1896a, 74 (68) (in O. d.; G.).
- satyri* Chatin, 1877, CrSB, 384-387 (in Orang-Outang; Mus. Par., from Borneo).—Looss, 1902m, 746.—Stoss., 1896a, 69 (63) (in *Satyrus orang*).—Also reported for *Pithecius satyrus*.
- sauri* Rud., 1819a, 59, 302 (in *Osmerus saurus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 203 (in *Saurus saurus*; N.).—Duj., 1845a, 210.—Par., 1887c, 493; 1894a, 218.—Stoss., 1896a, 57 (51) (so. capsularia).—Also reported for *Saurus griseus*, *Aulopus filamentosus*.
- sciænæ* Rud., 1819a, 58-59, 302 (in *Sciæna umbra*; Spezia).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in *Umbrina vulg.*; S.).—Duj., 1845a, 182.—Par., 1887c, 493; 1894a, 218.—Sons., 1891, 263 (in *U. cirrhosa*).—Stoss., 1896a, 57 (51) (so. capsularia).
- scombrorum* Stoss., 1892b, 71 (8) (in *Scomber colias*; Trieste); 1896a, 64 (58) (in S. c. Trieste); 1898, 75.—Barbag. & Drago, 1903, 416 (in *Pelamys sarda*, S. c.; Catania).—Par., 1902c, 14 (in S. c.).
- scorpænæ* Rud., 1819a, 57, 300 (in *Scorpæna scrofa*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 199 (in S. s.).—Duj., 1845a, 181.—Linst., 1903u, 267.—Par., 1894a, 217 (in S. s.; R.).—Stoss., 1896a, 92 (86) (in S. s.; R.).
- scorpænæ-cirrhosa* (Dies., 1851) Par., 1887, 345-346, pl. 7 figs. 44-47, to *Agamonema* (Asc.).—Stoss., 1896a, 64 (58) (in *Scorpæna cirrhosa*, S. porcus).
- secunda* Schrank, 1790a, 120 (in *Perca vulg.*; Schrank); 1803, 203.—Rud., 1809a, 161, 175.
- semiteres* (Zed., 1800) Rud., 1802a, 13 (in *Tringa vanellus*, *Corvus cornix*; by Rud.); 1809a, 143 (in T. v.); 196 (so. cornicis) 197; 1814a, 89-90; 1819a, 42, 276 (Greifsw.).—Baird, 1853a, 24.—Bilek, 1910 (2), 170.—Dies., 1851a, 184 (in *Vanellus cristatus* at Greifsw.; V. melanogaster; M. C. V.); 1861a, 666 (in V. c.; Padua); 1861c, 278.—Duj., 1845a, 200-201.—Gieb., 1857a, 268.—Mol., 1858d, 149; 1861c, 289 (in V. c.; P.).—Olfers, 1816a*, 63.—Par., 1894a, 215; 1899a, 13.—Stoss., 1896a, 33 (27) (so. ensicaudata); 1898, 70.—Villot, 1875, 470 (in *Pluvialis apricarius*, V. c.; Roscoff).—Also reported for *Corvus cornix*, & Kiebitz.
- septangularis* Linst., 1903u, 271, pl. 18 fig. 2 (in *Aquila nobilis*; Petrograd Mus.).
- serpentinus* Rud., 1809a, 191 (in *Ardea cinerea*; by Braun); 1814a, 91-92; 1819a, 53, 296, 663-664.—Baird, 1853a, 20.—Blainv., 1828a, 541.—Brems., 1824a, 128; 1824b, pl. 5 figs. 9-14.—Crep., 1839a, 282.—Dies., 1851a, 156 (s. ardeæ Frœl.) (in A. c., A. grus, A. major, A. nycticorax, A. pileata, A. cœrulea, A. agami, A. scapularis; Europe, Brazil, M. C. V.); 1861a, 657 (in A. violacea; America).—Duj., 1845a, 172.—Leidy, 1856b, 51 (in A. v.; by Schafhirt, Ing.).—Linst., 1899b, 7-8, pl. 1 fig. 9 (in *Grus pavonina*, G. australasiana); 1903u, 266; 1909a, 52 (in A. cinerea, *Nycticorax nycticorax*).—Mûeh., 1898b, 9, 45.—Olfers, 1816a, 65.—Par., 1887b, 342; 1887c, 493; 1894a, 215; 1899a, 13; 1899b, 97 (in A. purpurea; Portoferrijo); 1902c, 13 (in A. p.).—Smith, 1908a, 266 (in *Anthropoides virgo*).—S., F., & W., 1902a, 288.—Stiles & Hass., 1894e, 340 (in *Ard. violacea*).—Stoss., 1896a, 74-75 (68-69) (in *Ard. cin.*, A. maj., A. nyc., A. pil., A. cœrulea, A. ag., A. scap., A. viol., A. purp., *Grus cinerea*, *Phœnicopterus roseus*); 1897, 1.—Wedl, 1856, v. 19, 35.
- serrata* (Wright, 1879) Stoss., 1896a, 64 (58) (in *Coregonus albus*; N. A.).
- serrata* Drasche, 1884a, 116, pl. 5 figs. 3-4 (in *Vastres cuvieri*; Mus. Wien).—Stoss., 1896a, 24 (18) (so. draschei).
- sesquipedalis* Linn., 1771b, 543 (*Hedemoræ Sveciæ sub graminum radicibus*).—Modeer, 1790a, 126.—Rauh, 1779a, 18.—Schrank, 1803b, 197.
- seta* Gœze in Müell., 1780b, 140, 141 (for *seta stricta nigrescens*) (so. acus).—Dies., 1851a, 186 (so. a.).—Rud., 1809a, 149 (so. a.).
- seta stricta nigrescens* Müell., 1780b, 140 (in Hechte, Fræschen, Raubvögeln).
- setarictica nigrescens* Müell., 1780c, 204 (so. *Gord. lacustris*) (see *seta stricta nigrescens*).
- setiformis* Gœze in Zed., 1800 a, 78 (so. *Str. auricularis*) (in *Rana temp.*; quotes Gœze, 1782a, 93, 94, 98, 434, pl. 4 figs. 1-3) (see also *tenuissima*).

ASCARIS—Continued.

- siluri* Gmel., 1790a, 3036 (in glanide; Bloch, 1782a, 31).—Dies., 1851a, 202 (in Silurus glanis; Griesw.).—Duj., 1845a, 186–187.—Hofer, 1904a, 229 (in S. g.).—Linst., 1909a, 53 (in S. g.).—Rud., 1809a, 201–202 (in S. g.); 1819a, 59.—Stoss., 1896a, 92 (86) (in S. g.; G.).—Zsch., 1903, 146, 147.
- siluri* Linst., 1878b, 239–240, fig. 28 (larva in Silurus glanis; lng.); 1880a, 53 (re-named glandidis).—Stoss., 1896a, 65(59) (so. linstowi).
- siluri-glandis* Linst., 1883a, 279, pl. 6 fig. 4 (in Silurus glanis; Turkestan); 1886a, 4, fig. 4.—Stoss., 1896a, 65 (59) (in S. g.; T.).—Zsch., 1903, 146, 147.
- similis* Baird, 1853a, 19, pl. 1 fig. 1 (in stomach of a seal; Antarctic); 1855a, 69–70.—Baylis, 1916, P, 370–372, 375, 411, pl. 15 fig. 2, pl. 1 fig. 1.—Dies., 1861a, 656 (in Phoca sp.; A.).—Krabbe, 1878, 45, 47.—Krefft, 1871a, 211.—Rail. & Henry, 1907, 1, 2.—Stiles & Haas., 1899a, 108, 109, 110, 144, 146–147.—Stoss., 1896a, 69 (63) (in P. sp.).
- simplex* Rud., 1804a, 94 (nomen nudum except for habitat, Delphin; Coll. Albers, in Bremen); 1809a, 170 (in Delphinus phocæna); 1819a, 49.—Baylis, 1916, P, 365, 366 (of Linst., so. decipiens) (in Otaria jubata; Kerguelen Isl.), 373, 374.—Ben., 1870a, 363.—Braun, 1891e, 110.—Cobbold, 1876, 297; 1886, 176–177; 1879b, 426.—Dies., 1851a, 155 (s. ? delphini-gangetic) (in D. p., D. nr. 5; by Dussumier; D. gangeticus).—Duj., 1845a, 220–221.—Jægers., 1891a, 132; 1893a, 27–29; 1894b, 474, fig. 42; 1897b, 22; 1898a, 738, 787, 791, 793.—Krabbe, 1878a, 47–49, fig. 2, pl. 1 fig. 4.—Leidy, 1886e, 311; 1891a, 411 (in Mesoplodon sowierbiensis).—Linst., 1888, 2–3, pl. 1 figs. 1–4; 1899b, 9; 1901e, 273; 1903u, 267.—Looss, 1905a, 18.—Mégn., 1882w, 645–647 (in Dauphin commun; Concarneau) (development).—Mont., 1889d, 69, 70 (in D. sp.; Patagonia).—Olfers, 1816a, 64.—Rail. & Henry, 1907, 1, 2.—Shipley, 1905, 97 (in D. delphis).—Stiles & Haas., 1894e, 340 (in Phocæna sp.); 1899a, 107, 111, 112, 120–126, 127, 128, 130, 131, 132, 134, 138, 139, 142, 144, 145, 146, 161, 162, 163 (in Balænopt. rostrata, B. sibbaldii, Delphinapt. leucas, Delphinus sp., Hyperoodon rostratus, Lagenor. albirostris, Monodon monoceros, Ot. j., Phocæna phocæna, Platanista gangetica); 1894e, 340 (in Phocæna sp.).—Stoss., 1896a, 17(11) (in Beluga leucas, Balænopt. sibbaldii, B. rostrata, Delphinus sp., Hyp. r., Lag. albi, Mon. m., Ot. j., Pl. g., Phocæna com.).—Thomps., 1844, 439.—Villot, 1875, 467 (in Del. d.).
- smaris* Rud., 1819a, 58 (in Sparus smar; C. E. V.).—Dies., 1851a, 200–201 (in Smaris vulg.; M. C. V.).—Duj., 1845a, 182.—Stoss., 1896a, 92 (86) (in S. v.).
- soleæ* Rud., 1819a, 58 (in Pleuronectes solea; C. E. V.).—Braun, 1891e, 110.—Dies., 1851a, 199 (in Solea vulg.; M. C. V.).—Drasche, 1883b, 135, pl. 10 figs. 20–21.—Krøyer., 1838–40a, 612 (in S. v.).—Stoss., 1896a, 27 (21) (in Cottus scorpius, S. v.).
- solitaria* Linst., 1903k, 109, fig. 3 (in Dipsadomorphus dendrophilus; Aring, Siam).—Shipley, 1903, 153.
- soricis-tetragonuri* Crep., 1844a, 121 (based on Leuck., 1842a, 41, does not use name but refers to Asc. in der Spitzmaus).
- spari* (-spicæ) Par., 1894a, 216 (in Sparus spicra ?); Naples) (for spari-spicre).
- spari-spicre* Rud., 1819a, 58, 301, 776 (in Sparus spicre; Naples).—Duj., 1845a, 182.
- sparoidum* (Dies., 1851) Stoss., 1867d, 189; 1896a (b), 65 (59) (in abd. cav. of Box boops, Oblata melanura, Pagellus mormyrus, Smaris alcedo; Europe); 1898, 75.—Barbag. & Drago, 1903, AdP, 416 (in B. b., O. m., S. gagarella; Catania).
- species Barbag. & Drago, 1903, v. 7, 416–417 (in Raja clavata; Catania); 417 (in Exocoetus volitans; Riposto); 417 (in Thynnus brachypterus; Tonnara di S. Panagia, Siracusa); 417 (in Xiphias gladius; Messina).
- species Ben., 1866a, 210 (forme embryonnaire . . . dans les taupes, . . . dans les poumons du busard).
- species Ben., 1871a, 63 (in Motella quinquecirrata; Belgium).
- species Braun, 1883b, 22 (in Canis fam.; Germany).
- species Carnoy, 1886b, 44–46, 60, 82, pl. 5 figs. 131–133 (in Canis fam.) (not mystax).
- species Clerc, 1903, v. 11, 245 (in Milvus ater; Oural).
- species Cobbold, 1859d, 366, pl. 63 figs. 32–33 (in American snake).
- species Cobbold, 1866b, 10 (in Heterodon platyrhinus); 10 (in land tortoise); 11 (in Python); 11 (in Sciæna umbra).

ASCARIS—Continued.

- species Cond.-Franc., 1898a, 2, 4, 14 (in *Gobius avernensis*; Italy).
- species Glaue, 1910, ZA, 753, 758, fig. d (in *Felis melas*); 753, 759, fig. h (in *Felis pardochrous*); 753, 758-759, fig. g (in *Felis serval*).
- species Jægers., 1894b, 454 (in *Grus cinerea*; Ing.).
- species Johnst., 1912, v. 12, 108 (in *Phalacrocorax carbo*; N. S. Wales).
- species Krefft, 1871a, 212 (in *Ovis aries*; Australia).
- species Krøyy., 1838-40a, 187 (in *Gasterosteus aculeatus*; Ing.).
- species Krøyy., 1843-45a, 138 (in *Merlangus pollachius*; Ing.); 315 (in *Platessa limanda*; Ing.); 376 (in *Platessa limandoides*; Ing.); 488 (in *Solea vulg.*; Ing.).
- species Krøyy., 1846-53a, 137 (*Silurus glanis*; Ing.); 201 (in *Clupea schoneveldii*); 552 (in *Cobitis barbatula*); 641 (in *Anguilla migratoria*); 976 (in *Raja clavata*);
- species Leidy, 1891b, 236 (in *Heterodon platyrhinus*, *Ophibolus triangulus*; U. S. A.); 1904a, 242.
- species Linst., 1883a, 279 (in fish).
- species Linst., 1901b, 410 (in *Chromis* sp.; Rukwa-See, Africa).
- species Linst., 1901e, 275 (in *Lucioperca marina*; Ing.).
- species Linst., 1901e, 275 (in *Drepanopsetta platessoides*; Europ. Eismeer).
- species Linst., 1907, v. 26 (6), 470 (in *Catarrhactes chrysolophus*; Antarctic).
- species, Linst., 1908, RIM, 109 (larva in *Bungarus fasciatus*, *Digsalotus alcocki*, *Otolithus maculatus*, *Tropidonotus piscator*; Indian Mus.).
- species Lint., 1901b, 410 (in various fish; Woods Hole).
- species Lint., 1901b, 481, pl. 7 figs. 57-61 (in *Paralichthys dentatus*; Woods Hole); 1905d, 329 (to Het.).
- species Lint., 1901b, 410, 425, pl. 9 fig. 90 (in *Mustelus canis*; U. S. Nat. Mus.); 410, 481, figs. 143-146, 147-151 (immature, in *Paralichthys dentatus*; Woods Hole region); 481, figs. 57-61 (in intestine of P. d.; W. H. r.); 410, 477, figs. 75-78 (in *Phycis tenuis*; by V. N. Edwards); immature ascarids, 477, figs. 166-167 (in body cavity of P. t.; Marthas Vineyard); 410, 438, pl. 5 figs. 41-45 (in *Pomolobus mediocris*; W. H.); 410, 445, figs. 37-40 (in *Sarda sarda*; W. H.); 410, 458, figs. 65-69 (in *Stenotomus chrysops*; U. S. Nat. Mus.); immature forms (in viscera) figs. 110-116, 117-120 (in S. c.; Charleston, S. C.); 410, 461, figs. 79-80, pl. 9 figs. 81-83 (in *Sciaenops ocellatus*; Sandy Hook); immature ascarids figs. 134-137 (in peritoneum of S. o.); 410, 467 (in *Hemirhamphus americanus*; by Edwards), figs. 91-94, 157-159; 410, 467, figs. 84-87 (in stom. of *Cottunculus thomsonii*; by Steamer Albatross); 410, 487, figs. 95-96 (immature in *Glyptoc. cynoglossus*; U. S. Nat. Mus.); 410, 467 (immature in *Myxoc. aeneus*; U. S. Nat. Mus.), 467, figs. 70-72 (in M. a.; N. Y.); 488, figs. 185-187 (immature in *Lophius piscatorius*; W. H.); 410, 485 (immature in *Pseudo-pleuronectes americanus*; W. H. r.); 485, figs. 88-89 (in P. a.); 484, figs. 152-153 (immature in *Paralichthys oblongus*; U. S. A.); 410, 480, figs. 173-178 (immature in *Macrourus bairdii*; U. S. Nat. Mus.); 484 (immature in *Bothus maculatus*; Grand Banks); 410, 479 (immature in stomach of *Brosmius brosme*; W. H. r.); 476 (immature in *Gadus callarias*; W. H. r.); 410, 475, figs. 97-99 (immature in intest. of *Microgadus tomcod*; W. H. r.); 410, 464, figs. 121-122 (immature in intest. of *Lagoc. lævigatus*; W. H. r.); 410, 461, figs. 168-171 (immature in *Menticirrus saxatilis*; W. H. r. & U. S. Nat. Mus.); 457, figs. 140-142 (immature in *Lobotes surinamensis*; W. H. r.); 410, 444, figs. 73-74, 181-182 (immature in *Scomber scombrus*; N. Y.) (probably *clavata*); 410, 455 (immature in *Roccus lineatus*; W. H. r.); 441, pl. 11 fig. 131 (immature in *Salmo salar*; Bucksport, Me.); 410, 443 (immature in *Tylosurus acus*; W. H. r.); 410, 429, pl. 11 figs. 127-130 (immature in *Carcharias littoralis*; W. H. r.); 410, 432 (immature in *Dasyatis centroura*; W. H. r.); 410, 437 (immature in *Clupea harengus*; U. S. Nat. Mus.); 410, 441 (immature in *Osmerus mordax*; U. S. Nat. Mus.); 410, 440, pl. 12 figs. 138-139 (immature in *Alosa sapidissima*; U. S. Nat. Mus.); 449 (immature in *Trachurops crumenophthalmus*; W. H. r.).
- species Lint., 1905d (1906a), 330, 372 (in *Coryphæna hippurus*; Beaufort); 330, 383 (in *Kyphosus sectatrix*; Beaufort); 330, 395 (in *Micropogon undulatus*; B.); 330, 342 (immature in *Scoliodon terræ-novæ*; B.); 350 (immature in *Galeichthys milberti*; B.); 330, 352 (immature in *Brevoortia tyrannus*; B.); 330, 353 (immature in *Stolephorus brownii*; B.); 330, 354 (immature in *Synodus*

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species Lint.—continued.

foetens; B.); 330, 355 (immature in *Fundulus majalis*; B.); 330, 357 (immature in *Tylosurus raphidoma*; B.); 330, 358 (immature in *Hyporhamphus roberti*; B.); 330, 360 (immature in *Menidia menidia*; B.); 330, 365 (immature in *Caranx hippos*; B.); 330, 366 (immature in *Trachinotus carolinus*; B.); 330, 368 (immature in *Pomatomus saltatrix*; B.); 330, 372 (in *Coryphaena hippurus*; B.); 330, 375 (immature in *Centropristes striatus*; B.); 330, 377 (immature in *Orthopristis chrysopterus*; B.); 330, 384 (immature in *Cynoscion regalis*; B.); 330, 385 (immature in *Cynoscion nebulosus*; B.); 330, 387 (immature in *Bairdiella chrysura*; B.); 330, 392 (immature in *Leiostomus xanthurus*; B.); 330, 395 (immature in *Micropogon undulatus*; B.); 330, 398 (immature in *Menticirrhus americanus*; B.); 330, 402 (immature in *Sphaeroides maculatus*; B.); 330, 404 (immature in *Prionotus scitulus*; B.); 330, 404 (in *Prionotus tribulus*; B.); 330, 407 (immature in *Opsanus tau*; B.) (probably young *Asc. habena*); 330, 411 (immature in *Paralichthys dentatus*; B.); 330, 412 (immature in *Paralichthys albiguttus*; B.); 330, 414 (immature in *Lophopsetta maculata*; B.); 330, 341 (immature in *Carcharhinus milberti*; B.); 356 (immature in *Tylosurus marinus*; B.); 363 (immature in *Scomberomorus regalis*; B.); 381 (immature in *Lagodon rhomboides*; B.).

species Lint., 1907, 90-91, pl. 1 figs. 1, 1b (in *Bodianus fulvus punctatus*, *Epinephelus striatus*, *Mycteropera aqua*; Bermuda).

species Lint., 1908 (1907), 114 (in *Ginglymostomum cirratum*; Tortugas).

species Nicoll, 1907a, 71 (in *Centronotus gunnellus*; Ing.); 71 (in *Cottus bubalis*; Ing.); 71 (in *Gadus aeglefinus*; Gr. Brit.); 71 (in *Gobius ruthensparri*; Ing.); 71 (in *Liparis montagui*; Ing.); 72 (in *Ammodytes tobianus*; Gr. Brit.); 72 (in *Hippoglossus vulg.*; G. B.); 72 (in *Pleuronectes limanda*; G. B.); 72 (in *Pleuronectes microc.*; G. B.).

species Par., 1887b, 343-344 (71-72), pl. 7 figs. 40-41 (in intest. *Thynnus vulg.*; Tonnare di Porto Paglia, Sarda).

species Par., 1902, 2 (in *Ardeola ralloides*; Elba); 2, (in *Dactylopterus volitans*; E.); 2 (in *Polyprion cernuum*; E.); 2 (in *Scomber scomber*; E.); 2 (in *Xiphias gladius*; E.).

species Par., 1909, 417 (3) (in *Leggada minutoides*; Fort Portal).—Hall, 1916a, 40 (in *Mus minutoides*; F. P., Africa).

species Pierantoni, 1913, ICZ, Com., 35-36; 1914, ICZ, 663-664 (larva in *Sagitta*; Nap., etc.).

species Rail., 1890w, 143 (in horse; Japan).

species Rail. & Henry, 1907b, 10 (larva in *Notothenia coriiceps*; Antarctic).

species Rail. & Henry, 1911, BSPE, 573 (in *Rhea americana*).

species Ritchie, 1915, 38 (in *Molge palmata*; Scotland).

species Rizzo, 1902, 32-33 (so. cephalopt.) (in *Tropidonotus natrix*; Catania).

species Shipley, 1905k, 98 (host unknown; Mus. Dundee).

species Shipley & Hornell, 1906, 88 (in *Carcharias müelleri*).

species Skrz., 1916, 486-487 (in *Circus cineræus*; Aoulié-ata); 487 (in *Aquila imperialis*; A.-a.).

species Skrz., 1916, 48 (in *Gallinacea*); 48 (in *Bitis gabonica*).

species Stewart, 1914, RIM, 179-180, pl. 22 figs. 55-56 (in *Wallago attoo*); 179, pl. 22, figs. 52-54 (in *Callichrous pabda*, periton. cav., *Wallago attoo*; Lucknow & Calcutta).

species of Curtice.—Ward, 1895a, 333 (in *Bos taurus*; U. S. A.).

species of Drasche, 1882.—Ward, 1895a, 336 (in *Ovis aries*; Ing.).

species Wellman, 1905.—Braun, 1908a, 241 (in *Homo*; Angola); 1915a, 365.—Stiles, 1914, MM, v. 2, 288.

species Whitefield, 1829, 58-60, pl. 1, 2 unnumbered figs.

species Wolffh., 1900a, 44 (in *Specht*).

species Zsch., 1896a, 775 (in intest. of *Abramis brama*; Switz.); 776 (in intest. of *Salmo salar*; Switz.).

species.—Also reported for *Alepoc. rostratus*, *Cottus caetaphractus*, *Cyclopterus lumpus*, *Gadus callarias*, *Rana temp.*, *Talpa europæa*, *Zamenis parallelus*.

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- speculigera* Desmonceaux, 1868a, 11 (misprint for spiculigera).
sphærocephala Rud., 1809a, 188–189 (in *Accipenser sturio*; by Rud.); 1819a, 61 (to Ophiost.).—Duj., 1845a, 271 (to *Dacnitis*).—Olfers, 1816a, 65.
sphyranuræ Linst., 1906, 1–3, pl. 1 figs. 1–3 (in *Sphyranura barracuda*; Tasmania).
spicæ Dies., 1851a, 200 (spari-spice renamed) (in *Sparus spicra*; Nap.).—Carus, 1884, v. 1, 171.—Stoss., 1896a, 57 (51) (so. capsularia).
spiculifera Shipley, 1905k, 97, 102 (for spiculigera) (in *Phalacrocorax* sp.; Mus. Dundee).
spiculigera Rud., 1809a, 168–169 (in *Pelecanus onocrotalus*; by Jurine); 1819a, 48–49, 290 (in *P. carbo*, at Berl.; *P. cristatus*, *P. pygmaeus*, at Mus. Wien), 595, 662–663, 664.—Aitken, 1866, 845; 1872, 151.—Baird, 1853a, 25.—Bellingsh., 1844a, 171.—Blainv., 1828a, 541.—Braun, 1891e, 110.—Brems., 1824a, 128; 1842c, pl. 5 figs. 5–8.—Cat. RCSL, 1830, 42–43 (in *Phalacrocorax carbo*).—Clerc, 1903, 250, 254, 256.—Cobbold, 1858b, 165 (in *Alca tarda*, *Uria troile*); 1866b, 10 (in Ph. c., *Utamania tarda*; Gr. Brit.); 1879b, 448.—Crep. 1829b, 22–29; 1844a, 121, 129, 131; 1846a, 138; 1846b, 166.—Desmonceaux, 1868a, 11 (*speculigera*) (s. *colymborum*, *mergorum*, *prælonga*).—Dies., 1851a, 157–158 (s. col., *merg.*, *præl.*, *variegata*) (in A. t., *Colymbus arcticus*, *C. rufogularis*, *C. septentrionalis*, *Carbo brasiliensis*, *C. cormoranus*, *C. cristatus*, *C. graculus*, *C. pygmaeus*, *Lestris pomarinus*, *Larus tridactylus*, *Mergus merganser*, *M. serrator*, *Podiceps auritus*, *P. cristatus*, *P. dominicensis*, *P. minor*, *Pel. onoc.*, *Tachypetes aquila*, Ur. tr.; Europe, Brazil, M. C. V.); 1861a, 658 (in *Pelecanus americanus*, *Carbo dilophus*; U. S. A.); 1861c, 276.—Duj., 1845a, 206–208.—Fedtsch., 1874a, 57.—Jägers., 1893a, 16–20; 1894b, 450, 454, 463, fig. 39; 1897b, 20; 1898a, 738 (*apiculigera* misprint), 787, 789.—Johnst., 1912, v. 12, 108 (in *Pelecanus conspicillatus*, *Plotus novæ-hollandiæ*, *Phalacrocorax sulcirostris*; S. Q., S. W. Australia).—Kowal., 1904, 7 (22) (in *Podiceps auritus*; Dufalany).—Leidy, 1858a, 112; 1886e, 311; 1891a, 411 (in *Pelecanus fuscus*; Fla.).—Leuck., 1867b, 124; 1868a, 417.—L'Herminier, 1826, 33.—Linst., 1879a, 168; 1883a, 277; 1886c, 3; 1888a, 3–4, pl. 1 figs. 5–7; 1901b, 410; 1901e, 272; 1903u, 266 (in *Hæmatopus ostralegus*, *Phalacrocorax uril*, *P. pelagicus*, *Pel. on.*); 1906, 163, 164, 166 (in *Plotus melanogaster*); 1909a, 52, fig. 12 (in *Colymbus sept.*, *C. arc.*, *C. cris.*, *C. nigricans*, *Larus ridibundus*, *Mergus merganser*, *M. serrator*, Ph. c.).—Looss, 1905a, 18.—Mehl., 1831a, 94, pl. 2 figs. 11, 18.—Mol., 1861c, 281.—Müch., 1898b, 45.—Olfers, 1816a, 64.—Par., 1887b, 342–343 (70–71), pl. 7 figs. 38–39 (s. col., *merg.*, *spiculigera*, *variegata*, *præl.*) (in A. t., *Carbo bras.*, *C. corm.*, *C. crist.*, *C. grac.*, *C. pyg.*, *Colymbus arct.*, *C. rufogularis*, *C. septentrionalis*, *Lestris pomarinus*, *Larus tridactylus*, *Mergus merganser*, *M. serrator*, *Pel. on.*, *Podiceps aur.*, *P. crist.*, *P. domin.*, *P. minor*, *Tach. aq.*, U. t.); 1894a, 215; 1900c, 194 (in *Fulica leucopt.*; Patagonia).—Rail. & Henry, 1912, 256 (to *Contracæcum*).—Schneid., 1866a, 18, 45 (pars so. *nasuta*), 46 (pars so. *granulosa*), 193, 215, 218, 219, 220, 221, 295, pl. 1 fig. 14, pl. 16 fig. 3 (in *Carbo corm.*, *Halieus brasiliensis*, *Pel. on.*; Nubia, Brazil, Ostsee).—Setti, 1897, 46.—Sieb., 1854, 33.—S., F., & W., 1908a, 287.—Stiles & Hass., 1894e; 340 (in *Pelecanus fuscus*, *P. tetrarhynchus*, *Phalacrocorax dilophus*, *Plotus anhinga*); 1899a, 112, 160.—Stoss., 1889, v. 4, 181, pl. 4 figs. 1, 2; 1890, v. 5, 129; 1890, v. 12, 55; 1891, v. 13, 110; 1891, v. 6, 216; 1892, v. 6, 7, 70; 1893, v. 14, 83; 1895, v. 16, 35; 1896a, 31–32 (25–26) (in *Alca tarda*, *Chrocephalus ridibundus*, *Carbo dil.*, *Colymbus arct.*, *C. ruf.*, *C. sept.*, *Halieus brasiliensis*, *H. cristatus*, *Lestris parasitica*, *L. pom.*, *Larus argentatus*, *L. canus*, *L. fuscus*, *L. marinus*, *L. trid.*, *Microcarbo pygmaeus*, *Mergus castor*, *Mergus merganser*, *M. se.*, *Podiceps au.*, *P. crist.*, *P. domin.*, *P. minor*, *P. nigricollis*, *Pelecanus am.*, *P. f.*, *P. on.*, *P. trachyrhynchus*, Ph. c., *P. graculus*, *P. verrucosus*, *Plotus anhinga*, *Tachypetes aquila*, *Uria grylle*, U. t.); 1896, 121; 1898, 70; 1902, 2.—Villot, 1875, 470–471 (in U. t.; Roscoff).—Wolffh., 1900, 10, 62.—Also reported for *Anas clangula*, *Colymbus atrigularis*, *Plotus lavallanti*, *Pelecanus* sp.
spinicauda Olfers in Rud., 1819a, 40, 272–273 (in *Lacerta teguixin*; Brazil), 652–653.—Dies., 1851a, 150 (in *Podinema t.*, Brazil; *Ctenodon nigropunctatus*, M. C. V.).—Duj., 1845a, 174–175.—Also reported for *Lacerta* sp., *Scincus* sp.
spinicauda (Duj., 1845) Dies., 1851a., 188 (in *Podarcis muralis*; near St. Malo).
spiralis Rud., 1795a, 11–12 (in *Strix aluco*; by Rud.); 1802a, 25–26; 1809a, 189–191, 278 (in *S. flammea*, *S. stridula*, *S. bubo*); 1814a, 90; 1819a, 42 (so. *depressa*).—Baird, 1853a, 24.—Dies., 1851a, 157 (so. d.); 1861a, 657.—Duj.,

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spiralis—continued.

- 1845a, 196-197.—Gieb., 1857a, 268.—Kowal., 1904, 6 [21] (in *Otus brachyotus*).—Linst., 1875a, 203, pl. 4 figs. 30-31A; 1876a, 3; 1884a, 130; 1901e, 272; 1903u, 267.—Mol., 1859h, 21; 1861c, 281 (so. d.).—Müch., 1898b, 45.—Müll., 1904a, 119 (in Eulen).—Olfers, 1816a, 65.—Stiles & Hass., 1894e, 340 (in *Bubo virginianus*).—Stoss., 1891, v. 13, 110; 1895, v. 14, 34; 1896a, 27-28 (21-22) (in *Aegolius otus*, *A. brachyotus*, *Bubo maximus*, *Nyctale tengmalmi*, *S. f.*, *S. nivea*, *S. noctua*, *S. stridula*, *Ulula aluco*); 1898, 68-69.—Walter, 1866, 69.—Wolfh., 1900, 10, 16, 17.—Also reported for *Falco pygargus*, *Otus vulg.*, *Syrnia nyctea*, *Syrnium aluco*.
- spiralis* Mol., 1860e, 339-340 (in *Picus comatus*; Barro do Rio Janeiro, Brazil).—Dies., 1861a, 667 (in P. c.; B.).—See molini.
- spirotheca* (Gycery, 1856) Clap., 1859a, 101, pl. 8 figs. 9-12.—Dies., 1861a, 638 (to *Ptychoceph.*).
- squali* Gmel., 1790a, 3037 (in *Squalo globerrima*; Red. an. viv. 89).—Dies., 1850a, 619 (so. *Cephalocotyleum squali-musteli*); 1851a, 197 (s. *lineata* Bosc) (in *Squalus*).—Duj., 1845a, 192.—Oerley, 1885a, 104.—Rud., 1809a, 200; 1810a, 379; 1819a, 56 (s. l.) (in *Squalus*; by Bosc) 767.—Stoss., 1896a, 93 (87) (in *S. sp.*).
- squalii* Linst., 1908, 5, pl. 1 fig. 9 (in *Squalius schmidtii*).
- stenocephala* Rail, & Henry, 1907b, 2, 3, 4, 7-10, 13, 14, figs. 3, 8-12 (in *Leptonychotes weddelli*, *Stenorhynchus leptonyx*; Bay of Flanders, Booth Wandel Isl., Antarctic).—Leiper & Atkinson, 1915, 27 (so. *Kathleena rectangula*).
- stephanostoma* Jørdens, 1802a, 29-30, pl. 7 figs. 5-8 (in *Homo*; by Bretschneider) (type of *Stephanostoma*).—R. Bl., 1889d, 708 (larva of mouche carnassière).—Brems., 1824a, 322, pl. 9 fig. c.—Chiaje, 1825a, 36, pl. 10 fig. 4; 1833, 36.—L'Herminier, 1826, 13.—Joy, 1835a, 505.—Moq.-Tand., 1860a, 386.—Olfers, 1816a, 65.—Rail., 1895, 789.—Slawikowski, 1819, 79.
- sternæ* Rud., 1819a, 55, 298 (in *Sterna nigra*; Rimini), 595.—Dies., 1851a, 193 (so. *sternæ-nigræ*).—Par., 1894a, 215.—Stoss., 1896a, 75 (69) (in *S. nigra*; R.).
- sternæ* Linst., 1909a, 53 (in *Sterna hirundo*) for *sternæ-hirundinis*.
- sternæ-hirundinis* Dies., 1851a, 193 (in *Sterna hirundo*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 75 (69) (in *S. h.*; I.).
- sternæ-nigræ* Dies., 1851a, 193 (*sternæ* Rud. renamed) (in *Sterna nigra*; Rimini).—Mol., 1860c, 495 (so. *Disph. elongatus*).
- stictodora* Stoss., 1902e, 5, pl. 3 figs. 11-12 (in *Dentex gibbosus*; Genoa).
- striata* Linst., 1907, 251, pl. 6 fig. 2 (in *Potamocheilus penicillatus*; Kamerun).
- strongylina* Rud., 1819a, 651 (in *Crypturus* (*Tinamus*), *Tetrao uru*; Brazil).—Cobbold, 1879b, 447.—Dies., 1851a, 150 (in *Perdix dentata*, *Tinamus tu-taupa*; B.).—Duj., 1845a, 171.—Schneid., 1866a, 75.
- strumosa* Frøel., 1791a, 82-85, pl. 3 fig. 15 (in *Maulwurf*; by Frøel.).—Hall, 1916a, 199 (so. *Spirura talpæ*).—Mol., 1860b, 933 (to *Spiropt.*).—Oken, 1815a, 203.—Olfers, 1816a, 65.—Rud., 1809a, 163, 193-194 (s. *talpæ* Gmel., *Fus. convoluta*) (in *Talpa*); 1819a, 24 (to *S.*).—Schrank, 1803, 197.
- sturni* Gmel., 1790a, 3034 (in *Sturnus vulg.*; Goeze, 1782a, 86).—Bennet & Olivier, 1826, 15 (in *S. v.*).—Dies., 1851a, 185 (so. *crenata*).—Rud., 1809a, 146 (so. c.).
- styligera* Mehl. in Crep., 1846a, 146 (in *Testudo*).
- subulata* Schrank, 1788a, 11 (based on Goeze, 1782a, 97-101, pl. 2 fig. 8, *Asc. vermicularis cauda subulata*, from *Wasserkroeten*, 100, pl. 4 figs. 4-9).—Dies., 1851a, 152 (so. *acuminata*).—Nordm., 1840a, 654 (so. a.).—Rud., 1809a, 136 (pars so. a.), 147 (so. *nigrovenosa*).—Zed., 1800a, 47.
- subulata* Rud., 1819a, 38, 269 (in *Caprimulgus ruficollis*; Mus. Wien).—Dies., 1851a, 173-174 (s. *caprimulgi*, *forcipata*, *reflexa*) (in *C. europæus*, *C. r.*, *C. cortopan*, *C. mercurius*, *C. candicans*, *C. diurnus*, *C. nattereri*, *C. trifurcus*, *C. scaphiurus*, *C. semitorquatus*, *C. guianensis*, *Cuculus cayanus*, *C. tinguaçu*, *C. nævius*, *C. melacoryphus*, *Nyctibius æthereus*, *N. grandis*; *Algeciras & Brazil*).—Duj., 1845a, 169.—Leidy, 1886b, 10.—Par., 1889d, 761.—Stoss., 1896a, 76 (70) (in *C. e.*, *C. cortopan*, *C. m.*, *C. candicans*, *C. d.*, *C. n.*, *C. r.*, *C. t.*, *C. scaphiurus*, *C. semit.*, *C. g.*, *C. sp.*, *Cuculus cay.*, *C. ting.*, *C. n.*, *C. m.*, *N. a.*, *N. g.*).—Also reported for *Antrostomus vociferus*, *Chordeiles semitorquatus*, *Nyctidromus guianensis*.

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- subulato* bufonum Rud., 1809a, 147 (so. *Asc. nigrovenosa*) [see Gœze, 1782a, 98, pl. 2 fig. 8].—Dies., 1851a, 187 (so. n.).
- succisa* Rud., 1809a, 187–188 (in *Raja clavata*; by Treviranus); 1819a, 52 (in *R. miraletus*; C. E. V.).—Barbag. & Drago, 1903, 417 (in R. c.; Catania).—Bellingham, 1844a, 173.—Braun, 1891e, 111.—Carus, 1884, v. 1, 170.—Crep., 1844a, 124, 125.—Dies., 1851a, 178 (in *Cyclopterus lumpus*. R. c.; Ireland).—Duj., 1845a, 190, 193.—Kœll., 1843a, 101–136.—Krøyer, 1838–40a, 613; 1852–53a, 976 (in C. 1., R. c.).—Mol., 1861c, 280.—Oerley, 1885a, 104.—Olfers, 1816a, 65.—Sieb., 1845, 215.—Stoss., 1896a, 93 (87) (in C. 1., R. c.; I.).
- suilla* Duj., 1845a, 167–168 (in *Sus scrofa* dom.; Paris).—Aitken, 1866, 842; 1872, 152.—Anacker, 1891d, 407.—Bail., 1866b, 13, 14, 32, 33, 34.—Baird, 1853a, 19 (in S. s. d.).—R. Bl., 1906, 372.—Braun, 1915a, 362.—Bütsch., 1876, 228.—Campb. & Lacr., 1907, 69.—Cave, 1905, v. 1, 7 (in liver of *Sus scrofa*).—Cobbold, 1866b, 9 (in *Dicotyles torquatus*. pig); 1879a, 62; 1879b, 243, 244, 246, 405.—Craig, 1904, 947, 1915, 501.—Curtice, 1890c, 152.—Dav., 1877a, xcvi, 231.—Dewitz, 1892b, 147.—Dies., 1851a, 168 (so. *lumbricoides*); 1861a, 661 (so. 1.).—Fiebiger, 1912a, 295.—Francis, 1894a, 451.—Heidrich, 1912, v. 9 (8), 90.—Hut. & Mar., 1906a, 395; 1910b, 494.—Leiper, 1913, 268.—Leuck., 1867b, 157, 195, 205; 1879a, 196; 1886d, 154.—Lœwenthal, 1908, 557; 1909, v. 14, 617.—Martin, 1913, 74.—Nev.-Lem., 1912a, 666.—Perez, 1866a, 220, 224, 273, 278.—Rail., 1893a, 400 (so. suum).—Rail. & Morot, 1893a, 407–408 (in S. s.).—Schneid., 1866a, 36 (so. 1.). 37, 272.—Shipley, 1896a (1901b), 138 (in pig).—Stewart, 1916, BMJ, 486, 487, 488 (in mouse); 1917, P, v. 9 (2), 213–227, figs. 1–9, pl. 1, figs. 1–12.—Stiles, 1907b, 50.—Stoss., 1896a, 11 (5) (so. 1.).—Tidswell & Johnst. 1912., v. 2, 112 (in pig; Australia).—Titta, 1903a, in 1–28 (in liver of S. s.).—Verrill, 1870, 179, 238.—Walter, 1866a (b), 68 (18) (*suilla* in swine).—Wheeler, 1900, 480.
- suillæ* Walter, 1866a(b), 68(18) for *suilla*.—Bennett, 1912, v. 9, 553.—Shipley, 1896a (1901b), 139 (in pig).
- suis* Gmel., 1790a, 3032 (in *suis serosæ intestinis*; Gœze, 1782a, 71).—Martin, 1913, 3, 19, 20, 21, 41, 64, 66–67, 100, 118, 119, 122, 124, 127, 130, 141, 142, 143, 145, 146.—Meyer, 1910, v. 23, 37.—Rud., 1809a, 125 (so. *lumbricoides*).—Sl. & Sw., 1912a, 401.—Züern, 1882, 238.
- sulcata* Rud., 1819a, 48, 289–290 (in *Testudo mydas*; Mus. Wien).—Baird, 1853a, 26.—Carus, 1884, v. 1, 169.—Dies., 1851a, 159 (in *Halichelys atra*, *Geochelone schweiggeri*; Berl., M. C. V.).—Duj., 1845a, 173.—Leidy, 1887b, 21.—Looss, 1902m, 415.—Par., 1894a, 216; 1900c, 194 (in *Thalassochelys caretta*; Rio de la Platte).—Schneid., 1866a, 31, 32, 43, 1 fig., pl. 1 fig. 11 (in *Chelonia mydas*, C. sp.; Carracas); 286.—Shipley, 1896a (1901b), 141.—Stiles & Hass., 1894e, 341 (in *Trachemys scabra*).—Stoss., 1895, v. 16, 35, pl. 4 figs. 8–11; 1896a, 25–26 (19–20) (in C. m., G. s., T. c., *Testudo mauritiana*, Tra. sc.). 1897, 5; 1898, 67–68.—Also reported for *Chelone mydas*, *Chersus mauritanicus*, *Halychelys atra*, *Testudo indica*, *T. tabulata*, *T. græca*, *T. geometrica*.
- suum* Gœze, 1782a, 71–72 (in *Sus scrofa* dom.; Germany).—Bossuat, 1902, v. 6, 197 (in liver).—Braun, 1915a, 362.—Braun & Lûche, 1909a, 145, 151; 1910a, 159, 164.—Brumpt, 1910a, 332; 1913a, 397.—[Cary, 1915, Bull. 185, 46–47].—Froel., 1802a, 33–34.—Galli-Val., 1907, 224 (in S. s.; Tunis).—Garin, 1913, 21, 22, 23, 24, 28–35, 48, 147, 148, fig. 3.—Gedœlst, 1911a, 131.—Gough, 1908, 3 (in S. s.; S. Africa).—Mote, 1914, v. 40, 216 (in sheep); 1914, Bull. 280, 28, 31, 43–46, fig. 13.—Nev.-Lem., 1912a, 666.—Rail., 1893a, 400 (s. *suilla*); 1915, 491; 1915, IVC, 734 (in pig).—Rans., 1911a, 25 (in pig).—Rud., 1809a, 125 (so. *lumbricoides*).—Schrank, 1788a, 7.—Stoss., 1896a, 11 (5) (so. 1.).—Ward, 1895a, 300 (so. 1.).—Zed., 1800a, 27.
- talpæ* Gmel., 1790a, 3032 (in *talpæ intestinis et ventriculo*; Gœze, 1782a, 75, 87).—Bennet & Olivier, 1826, 11–12 (in mole).—Hall, 1916a, 199 (to *Spirura*).—Modeer, 1790a, 127.—Mol., 1860b, 933 (so. *Spiropt. strumosa*).—Rud., 1809a, 193 (so. st.).—Schrank, 1790a, 121 (in *Talpa*; teste Schrank); 1803, 197–198.
- tardæ* Gmel., 1790a, 3034 (in *Otidis tardæ intestinis*; Bloch; 1782a).—Rud., 1809a, 241 (to Str.) (in *Otis tarda*).
- [*tenella* Rud., 1809a, 158, “cl. Schrank in trium *Ascaridum tenellarum*,” probably not as specific name.]
- tentaculata* Rud., 1819a, 658 (in *Didelphys cayopollin*, D. quoaquiqua; Brazil).—Cobbold, 1879b, 433.—Dies., 1851a, 147 (in *D. philander*, D. dom., D. opossum, D. virginiana, D. cancrivora, D. lanigera, D. quica; Brazil); 1861a,

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tentaculata—continued.

- 655-656 (in D. v.; Penn.).—Duj., 1845a, 168.—Leidy, 1856b, 51.—Linst., 1903u, 266 (of Hempr. & Ehrenb.) (in Hyrax sp.).—Schneid., 1866a, 115.—Stiles & Hass., 1894e, 340 (in D. v.).
- tentaculatus* (Hempr. & Ehrenb., 1828) Nassonow, 1897 [nv.].—Hall, 1916a, 43, 44 (to Crossophorus).
- tenuicollis* Rud., 1819a, 47, 286-287 (in *Crocodilus lucius*; Heidelberg).—Dies., 1851a, 160 (in *Champsia lucius*, C. sclerops, C. nigra; Brazil); 1861a, 658 (in *Alligator mississippiensis*; Penn.).—Duj., 1845a, 174.—Leidy, 1856b, 51; 1886e, 311.—Linst., 1904, 4.—Pavesi, 1881a, 294, 295.—Rayer & Chaussat, 1850a, 128.—Reese, 1914, v. 33 (2), 138, pl. 9 figs. 1-2.—Stiles & Hass., 1894e, 341 (in A. m.).—Stoss., 1896a, 80 (74) (in A. m., C. n., C. s., C. l.).—Also reported for *Champsia gibbiceps*, *Jacare sclerops*, *J. nigra*.
- tenuissima* Schrank, 1788a, 11 (in *Wasserkroeten*; Goeze, 1782a, 93, pl. 4 figs. 1-3) [= *bufonis* Gmel.]; 1803, 201.—Dies., 1851a, 314 (so. *Str. auricularis*).—Duj., 1845a, 131 (so. S. a.).—Fröel., 1791a, 93-97 (in frogs & toad).—Mol., 1861c, 331 (so. S. a.).—Rud., 1802a, 41 (so. S. a.); 1809a, 223 (so. S. a.).—Zed., 1800a, 80 (so. S. a.); 1803a, 92 (so. S. a.).
- tenuissima* (Zed., 1800) Rud., 1809a, 185-186 (in *Gadus lota*; C. F. V.), 223; 1819a, 52.—Bellingh., 1844a, 173.—Dies., 1851a, 178-179 (in *Lota com.*, *Merlangus com.*; M. C. V.).—Duj., 1845a, 189.—Hofer, 1904a, 229 (in L. vulg.).—Krøyer., 1838-40a, 606; 1843-45a, 184 (in L. v., M. vulg.).—Olfers, 1816a, 62, 65 (in G. l.).—Stoss., 1896a, 93 (87) (in L. v., M. v.; Ireland).—Zsch., 1884, 6, 12; 68-70, pl. 2 fig. 14 (in L. v.); 1896a, 783, 820 (in fish; Genfersee); 1903, 132, 135, 139, 140 (in L. v.).
- teres* Goeze, 1782a, 39 [a collective species from mammals and birds, cf. *Lumbricus teres intestinalis* Linn.], 74-89, pl. 1 figs. 4, 5, 7-12, pl. 2 figs. 1-4 (in hen).—R. Bl., 1888a, 704 (pars so. *mystax*).—Dies., 1851a, 148 (pars so. *vesicularis*), 182 (pars so. *maculosa*), 184 (pars so. *perspicillum*), 185 (pars so. *crenata*), 189 (pars so. *mustelorum*).—Fröel., 1802a, 49 (so. *gallinarum*).—Hass., 1896b, 2 (so. *Het. perspicillum*).—Mol., 1860b, 933 (pars so. *Spiropt. strumosa*), 934 (so. S. obtusa); 1861c, 290 (so. *Het. vesicularis*).—Rud., 1803a, 10 (*teretes* so. *persp.*); 1809a, 129 (pars so. *ves.*), 132 (pars so. *inflexa*), 141 (pars so. *persp.*), 146 (pars so. *crenata*), 159 (pars so. *macu.*), 170 (pars so. *obtusa*), 193 (pars so. *strumosa*), 194 (pars so. *martis*), 196 (pars so. *cornicis*).—Ward, 1903l, 223 (pars so. *canis*).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- teres [anatis]* Goeze, 1782a, 85 (in *Anas*).—Dies., 1851a, 170 (so. *inflexa*).—Mol., 1861c, 286 (so. i.).—Rud., 1809a, 132.
- teres [canis]* Goeze, 1782a, 84 (in *Dachshund*).—Dies., 1851a, 181 (so. *marginata*).—Rud., 1809a, 138 (so. m.).
- teres [felis]* Goeze, 1782a, 79-84, pl. 1 figs. 5, 9-13 (in cat).—Dies., 1851a, 180 (so. *mystax*).—Rud., 1809a, 140 (so. *mys.*).—Schrank, 1788a, 8 (named cati).
- teres [galli]* Goeze, 1782a, 86 (in Hahn). See also *Asc. galli* Schrank, 1788a, 9.
- teres galli major* Rud., 1809a, 129 (based on Goeze, 1782a, 76, 85, 86, pl. 1 figs. 4, 7, 8) (so. *vesicularis*).—Dies., 1851a, 170 (so. *inflexa*).—Mol., 1861c, 286 (so. in.).—See *gallinarum* 1788.
- teres galli minor* Rud., 1809a, 129 (based on Goeze, 1782a, 86) (so. *vesicularis*).
- teres [milvi]* Goeze, 1782a, 85 (in *Falco milvus*; by Goeze).—Dies., 1851a, 156 (so. *depressa*).—Mol., 1861c, 280 (so. de.).—Rud., 1809a, 143 (so. d.).
- teres [minor]* Duj., 1845a, 223 (refers to Goeze, 1782a, 86) (so. *Het. vesicularis*).
- teres [minor, phasiani-galli et picti]* Rud., 1809a, 129 (refers to Goeze, 1782a, 86) (so. *vesicularis*).—Mol., 1861c, 290 (so. *Het. ves.*).
- teres [variorum turdorum]* Goeze, 1782a, 77.—Dies., 1851a, 184 (so. *ensicaudata*).—Rud., 1809a, 191 (so. *lancea*).
- teres [vulpis]* Goeze, 1782a, 84 (in Fuchs; Rekan).—Dies., 1851a, 181 (so. *triquetra*).—Rud., 1809a, 139 (so. t.).
- teretes* Goeze, 1782a of Rud., 1803a, 10 (? so. *perspicillum*).
- testudinis* Rud., 1809a, 198-199 (in *Testudo vulg. aquatica*; Braun in Schneid.); 1810a, 374; 1819a, 25 (so. *Spiropt. contorta*).—Sons., 1889, 284.—Also reported for *Testudo orbicularis*.
- testudinis terrestris* Cat. RCSL, 1830, 43 (in land tortoise) (cf. *dactylura*).

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- tetraonis* Gmel., 1790a, 3034 (in *tetrix*; Redi an. viv. 82).—Dies., 1851a, 148 (so. vesicularis).—Mol., 1861c, 290 (so. *Het. ves.*).—Nordm., 1840a, 656 (so. compar).—Rud., 1809a, 161 (so. c.).
- tetraptera* Nitzsch, 1821a, 48, pl. 3 dextr. 1-6 (*obvelata* renamed) (in *Mus musculus*, *Hypudæus arvalis*, *H. amphibius*, *Arctomys citillus*; lpg.).—Cobbold, 1871l, 466; 1879b, 245, 316, 379.—Crep., 1849, 56-57.—Dies., 1851a, 174 (s. *obvelata*, *dipodis*) (in *Cricetus vulg.*, *Dipus sagitta*, *D. jaculus*, *Mus musculus*, *M. sylvaticus*; M. C. V.).—Duj., 1845a, 165.—Hall, 1916a, 86 (to *Oxyuris*).—Stoss., 1898c, 82.
- terana* Smith & Goeth, 1904, v. 43 (8), 542-544, figs. 1-4 (in *Homo*; Tex.); 1904, v. 7 (9), 316 (in H.); 1904, v. 66 (9), 345-346; 1904, v. 80 (9), 420; 1904, v. 7 (25), 974; 1904, v. 30 (39), 1450.—Braun, 1908a, 341; 1915a, 365.—Brumpt, 1910a, 349; 1913a, 413.—Cast. & Chalm., 1910a, 442, 450, 925; 1913a, 1292.—Gedölst, 1911a, 131.—Guiart, 1910a, 364.—Koch, 1910, v. 14, 118, 122.—Nev.-Lem., 1908a, 431.—Simon, 1907a, 307; 1911a, 233.—Sl. & Sw., 1912a, 317.—Stiles, 1907, 597, 598; 1914, MM, v. 2, 288.—Verdun, 1907, 326.—Ward, 1916, 702.
- thymalli* Linst., 1885b, 240-241, pl. 13 fig. 12 (larva in *Thymallus vulg.*; lng.); 1887d, 107 (in T. v.).—Hofer, 1904a, 229 (in T. v.).—Stoss., 1896a, 65-66 (59-60) (in T. v.; Hameln).
- thyrsitis* Linst., 1908, v. 13, 21 (immature, in *Thyrsites atun*; S. Africa).
- tiana* Linst., 1879b, 320, pl. 5, fig. 1 (in *Varanus ornatus*; Natal); 1904f, 12; 1908, 21 (in T. o.).—Par., 1898b, 13.—Stoss., 1896a, 52 (46) (in V. o.).
- tigridis* Gmel., 1790a, 3031 (in *tigridis intestinis*; Redi, an. viv. 19; Act. Acad. Par., 1763, 47).—Dies., 1851a, 189 (in *Felis tigris*).—Glaue, 1910, ZA, 746.—Rud., 1809a, 194 (in *tigris*); 1819a, 53, 296 (in F. t.).—Stoss., 1896a, 69 (63) (in F. t.).
- todari* Chiaje, 1823, v. 4, 200 [nv.].—Dies., 1851a, 205 (in *Loligo todarus*).
- torpedinis* Rud., 1819a, 56, 298 (in *Torpedo marmorata*; Mus. Wien).—Ben., 1870b, 16.—Carus, 1884, v. 1, 170.—Dies., 1851a, 196 (in T. m.; M. C. V.).—Duj., 1845a, 193.—Oerley, 1885a, 104.—Stoss., 1896a, 93 (87) (in T. m.).
- trachealis* Gmel., 1790a, 3035 (based on Gœze, 1782a, 98, pl. 2 fig. 8 [see *subulata* Schrank] from lungs *bufonis*, see *bufonis* Schrank).—Fisch., 1799, 98.—Dies., 1851a, 187 (so. *nigrovenosa*).—Shipley, 1901b, 125, 126, 241.—Rud., 1809a, 147 (so. n.).
- transfuga* Rud., 1819a, 40-41, 273-274 (in *Ursus arctos*, U. *maritimus*; Mus. Wien).—Baird, 1853a, 20.—E. Bl., 1849a, 150, pl. 6 fig. 1.—R. Bl., 1888a, 711.—Cobbold, 1879b, 243, 297.—Dies., 1851a, 179 (in U. a., U. m., U. *americanus*, U. *labiatus*; M. C. V.).—Duj., 1845a, 158.—Fox, 1912, 36 (in U. a.).—Freund, 1913, 352 (in *Thalassarctos maritimus*).—Giebel, 1857a, 268.—Hempelm., 1912a, 96.—Jægers., 1894b, 454 (in brown bear).—Leidy, 1891a, 410-411 (in U. m.).—Leuck., 1876a, 878.—Looss, 1901a, 58.—Moniez, 1896, 409.—Schneid., 1866a, 32, 38, pl. 1 fig. 3 (in U. *arctus*).—Shipley, 1896a (1901b), 125, 126, 141, fig. 62.—Stiles & Hass., 1894e, 340 (in U. *horribilis*).—Stoss., 1896a, 19 (13) (in U. *americanus*, U. *arctos*, U. *lab.*, U. *mar.*).—Ward, 1903, 223; 1903, 707; 1916, 702.
- transfuga* Par., 1896c, 5 for *transfuga* Rud.
- tribothrioides* Cobbold, 1859d, 365, pl. 63 figs. 10-11 (in *Anas obscurus*; Gr. Brit.); 1861e, 122 (in A. o.; Zool. Gard., Lond.); 1879b, 447.—Stoss., 1896a, 76 (70) (in A. o.).
- trichina* Moq.-Tand., 1860a, 324 (for *trichiura*).
- trichiura* Linn., 1771b, 543 (in *Homo*; Germany).—Abildg., 1790, 31.—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Braun, 1903a, 278; 1908a, 312; 1915a, 330.—Brumpt, 1913a, 466.—Cast. & Chalm., 1910a, 428, 929; 1913a, 563, 1301.—Chiaje, 1825a, 4 (so. T. dispar).—Cobbold, 1866, 5.—Fagge & Pye-Smith, 1902a, 465 (so. T. d.).—Linn., [1771b], 543.—Linst., 1905bb, 191 (to T.).—Rauh, 1779a, 18.—Rud., 1809a, 89 (so. T. d.).—Schneid., 1896, 309 (*Askaris*).—Sl. & Sw., 1912a, 338.—Stiles, 1907e, 603; 1914, MM, v. 2, 295.—Ward, 1895a, 330 (in *Homo*); 1903l, 216 (so. T. *trichiuris*).—Werner, 1782b, 84-87.
- trichiura* Werner, 1782b, 84-87 (misprint for *trichiura*).
- trichura* Mehl. in Crep., 1846a, 147 (in *Triton alpestris*; by Mehl.)

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- trichura* Rud., 1809a, 89 (misprint for *trichiura*).—Ward, 1895a, 313 (so. *Trichoceph. dispar*).
- trichuria* Hooper, 1799a (b), 252 (31) (so. *Trichuris vulg.*).—Dungl., 1893a, 107 for *trichiura* (see *Tricoc.*).
- tricuspidata* Brug., 1791a, 91, pl. 30 figs. 7–9 (in *Canis fam. hispan.*; quotes Bloch).—Braun, 1903a, 302; 1908a, 341.—Dies., 1851a, 181 (so. *marginata*).—Rud., 1809a, 138 (so. *margin.*).—Ward, 1895a, 301 (so. *mystax*), 330 (in *Homo*), 342 (in *Canis fam.*); 1903, 223 (so. *canis*).
- trigonura* Dies., 1851a, 186 (s. *cobitidis*) (in *Cobitis barbatula*; Ireland).—Hofer, 1904a, 271 (in C. b.).—Krøyer., 1852–53a, 1226 (in C. b.).—Stoss., 1896a, 94 (88) (in C. b.; I.).—Zsch., 1896, 773, 775, 778, 784 (*trigora*), 822 (in *C. fossilis*).
- trigora* Zsch., 1896, 784 (misprint for *trigonura*).
- triquetra* Schrank, 1790a, 120 (in *Vulpes*; Schrank); 1803, 195.—Baird, 1853a, 17.—Bellingsh., 1844a, 169 (Ireland).—Dewitz, 1892b, 147.—Dies., 1851a, 181–182 (so. *teres vulpis*, *vulpis*) (in *Canis vulpis*; M. C. V.); 1861a, 666 (in C. v.; Padova); 1861c, 278.—Duj., 1845a, 161.—Glaue, 1910, ZA, 745, 748, 753, 754, 757, 758.—Leiper, 1907, 1297.—Linst., 1878a, 1 (so. *mystax*).—Mol., 1858d, 149; 1861c, 288 (in C. v.; Padua).—Mueh., 1898b, 45.—Oken, 1815a, 201.—Olfers, 1816a, 63.—Rail. & Henry, 1911, 14 (so. *Belascaris vulpis* Schrank, 1788).—Rud., 1802a, 12 (s. *vulpis*) (in fox; Europe); 1809a, 139–140, 194 (in V.); 1819a, 41 (in C. v.).—Schneid., 1866a, 38 (so. *mys.*).—Stoss., 1896a, 15 (9) (so. *mys.*); 1898, 67.—Walter, 1866, v. 7, 18.—Ward, 1895, 330 (so. *mys.*) (in *Homo*).—Walton, 1916, JP, 39–41, figs. 1–6 (in dog).
- tritonis* Dies., 1861a, 667 (in *Triton tæniatus*; Clap., 1859a, 14, 101, pl. 8 figs. 11–12).—Stoss., 1896a, 81 (75) (in T. t.).—Linst., 1909a, 53 (in T. t.).
- truncata* Rud., 1793a, 12 (in *Ursus meles*; by Rud.); 1802a, 44 (to Lior.); 1809a, 247.
- truncata* (Zed., 1803) Rud., 1809a, 160, 195–196 (includes *hermaphrodita* Froel.) (in *Psittacus aestivus*); 1819a, 45, 281, 657–658.—Crep., 1846a, 131; 1849a, 63.—Dies., 1851a, 183 (s. *herm.*) (in P. a., P. *dominicensis*, P. *leucoc.*, P. *aracanga*, P. *menstruus*, P. *pulverulentus*, P. *sulfureus*, P. *guianensis*, P. *ararauna*, P. *aracanga*, P. *purpureus*, P. *vinaceus*, P. *leucotis*, P. *phœnicurus*, P. *festivus*; M. C. V., Brazil), 560 (in P. *pertinax*; Greifsw.).—Duj., 1845a, 214–215 (s. *herm.*) (in P. *pulv.*, P. *æst.* P. *domin.*, P. *leucoc.*; Mus. Wien).—Gieb., 1857a, 268 (in P. *macao*, P. *solstitialis*).—[? Olfers, 1816a, 61.]—Schneid., 1866a, 71 (in P. *macao*; Brazil).—Also reported for P. *auctumnalis*.
- truncatula* Rud., 1809a, 161, 173–175 (s. *perca* Gmel., *bicolor* Rud.) (in *Perca fluviatilis*, P. *lucio-perca*; by Rud.); 1819a, 49–50.—Baird, 1853a, 21.—Baylis, 1916, P, 376.—Dies., 1851a, 162 (in P. f., *Lucio-perca sandra*; Greifsw.).—Duj., 1845a, 180–181.—Hofer, 1904a, 271 (in L. s.).—Krøyer., 1838–40a, 20, 41 (in L. s., P. f.).—Linst., 1909a, 53 (in *Acerina cernua*, L. s., *Lota vulg.*, P. f., *Salmo salvelinus*).—Oken, 1815a, 199–200.—Olfers, 1816a, 31, 64.—Stoss., 1896a, 94 (88) (in *Gymnoc. cernua*, L. s., P. f., S. s.).—Zsch., 1884, 12, 72–73 (in P. f., S. umbra); 1896, 783, 820.
- truncatula* Hofer, 1904a, 284 (in *Perca fluviatilis*) (for *truncatula*).
- truncatula* Sieb., 1854a, 111 (apparently lapsus for *truncatula*).—Hofer, 1904a, 229, 238 (for *truncatula* Rud.) (in *Acerina cernua*, *Lucio-perca sandra*, *Perca fluviatilis*, *Salmo salvelinus*).
- truttæ* Gmel., 1790a, 3036 (in *farionis intestinis*; Gœze, 1782a, 93).—Dies., 1851a, 178 (so. *obtusicaudata*).—Rud., 1809a, 178, 202 (s. *farionis* Gmel.) (in *Salmo trutta*); 1819a, 50 (so. ob.).—Schrank, 1803, 202–203.
- tubifera* Fabr., 1780a, 273 (s. *urksuk*) (in *ventriculo Phocæ barbatae*; Greenland).—Brug., 1792a, 131, 138.—Crep., 1844a, 128.—Lühe, 1905b, 322, 332–333 (so. Lior. *gracilescens*).—Müell., [1784a], 46, 49, 101, 107, pl. 74 fig. 2 (in P. b.); 1788b, 46, pl. 74 fig. 2 (in P. b.).—Nordm., 1840a, 646 (so. L. g.).—Rud., 1802a, 15 (in P. b.); 1809a, 248 (so. L. g.).—Stiles & Hass., 1899a, 105.
- tulura* Leidy, 1887b, 21, figs. 2–3 (in *Buteo lineatus*; Penn.). 1904a, 194.—Stiles & Hass., 1894e, 340 (*turula*) (in B. l.).—Stoss., 1896a, 76 (70) (in B. l.).
- turdi* Gmel., 1790a, 3034 (in *Turdi iliaci*, *viscivori*, *pilaris intestinis*, *hepate*; Gœze, 1782a, 75, 77, 78, 85, pl. 2 figs. 1–3).—Bennet & Olivier, 1826, 15–16 (in *Turdus pilaris*, T. *iliacus*).—Brug., 1791a, 94, pl. 31 figs. 13–16 (in T. v.).—Dies., 1851a, 184 (so. *ensicaudata*).—Rud., 1809a, 191 (so. *lancea*).—Schrank, 1788a, 9.—Stoss., 1896a, 34 (28) (so. *ensicaudata*).

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- turdi-iliaci* Dies., 1851, 184 (in *Turdus iliacus*; Goeze, 1782a, 77, pl. 2 figs. 1-4) (so. *ensicaudata*).
- turdi-pilaris* Dies., 1851a, 184 (in *Turdus pilaris*; Goeze, 1782a, 85) (so. *ensicaudata*).
- turgida* Stoss., 1902e, 2-3, pl. 4 fig. 23 (in *Didelphys crassicaudata*; Buenos Aires).
- turula* Stiles & Hass., 1894e, 340 (lapsus for *tulura*) (in *Buteo lineatus*; Coll. Leidy).
- typica* (Dies., 1861) Jægers., 1894b, 453 [not genotype of *Asc.*].—Baylis, 1916, P, 372.—Rail. & Henry, 1907, 1.—Shipley, 1905, 98 (in *Delphinus delphis*, *Globic. globiceps*).—Stiles, 1901r, 181.—Stiles & Hass., 1899a, 102, 108, 116, 125, 126, 127-138, 161, 162 (in *D. d.*, *D. sp.*, *Phocæna phocæna*, *Prodelphinus*).
- uncinata* Rud., 1819a, 661 (*Cavia aperea*, *C. paca*; Brazil).—Cobbald, 1879b, 318.—Dies., 1851a, 147 (in *C. a.*, *Coelogenis paca*; Brazil).—Duj., 1845a, 166.—Schneid., 1866a, 73.
- of Trav., 1914, v. 6 (2), 139 (type of *Paraspidodera*).—Hall, 1916a, 49, 53 (to *Paraspidodera*).
- unciniformis* Stoss., 1896a, 88 (82) (lapsus for *cuneiformis* Rud., 1819a, 50) (so. *leucisci-idi*).
- unduloso-striata* Baird, 1862b, 113-114 (in *Sarcoramphus papa*; Brit. Mus.).—Baylis, 1916, P, 411, 412, 418 (so. *Het. vesicularis*) (in *S. p.*).
- unguiculata* Rud., 1819a, 653-654 (in *Amphisbæna* sp.; Brazil).—Dies., 1851a, 151-152 (in *A. fuliginosa*, *Anops kingii*, *Glyptoderma vermiculare*, *Lepidosternon microc.*, *Siphonops annulatus*; B.).—Duj., 1845a, 177.—Stoss., 1896a, 81-82 (75-76) (in *A. f.*, *A. k.*, *G. v.*, *L. m.*, *S. a.*; B.).
- ungulata* Ben., 1871a, 45 (*ungulatus*) (in *Labrus maculatus*; Belgium).—Stoss., 1896a, 94 (88) (in *L. m.*).
- uranoscopi* Rud., 1819a, 57, 299 (in *Uranoscopus scaber*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 198 (in *U. s.*; N.).—Duj., 1845a, 181 (in *Lophius piscatorius*).—Par., 1894a, 216.—Stoss., 1896a, 94 (88) (in *U. s.*; N.).
- urksuk* Müell., 1776a, 214; 1780, pl. 74 fig. 2.—Herbst, 1787a, 27 (in Robben).—Lüthe, 1905b, 332-333 (Fabr. of Müell.=*tubifera*) (so. *Lior. gracilescens*).—Rud., 1809a, 248 (so. *L. g.*).
- urogalli* Rud., 1809a, 198 (based on Viborg, 1795, 236); 1814a, 92; 1819a, 38 (so. *vesicularis*).—Brems., 1811a, 24 (so. v.).—Dies., 1851a, 148 (so. v.).—Mol., 1861c, 290 (so. *Het.*).—[Müell., 1806a, 44, pl. 159 figs. A, 1-4 (in *Tetrao urogallus*; by *Abildg.*) [nv.].]
- valdemucronata* Mol., 1860e, 339 (in *Ciconia maguari*; Caiçara, Brazil).—Dies., 1861a, 667 (in *C. m.*; B.).
- variegata* Brug., 1792a, 131, 135-136 (in cheval, âne, mulet, chien, cochon, mouton).—Bosc, 1802a, 21 (so. *Sprungylus equinus*).
- variegata* Rud., 1809a, 169-170 (in *Colymbus septentrionalis*; Greifsw.). 198; 1819a, 49.—Bellingh., 1844a, 172.—Crep., 1829b, 22-29; 1844a, 131 (so. *spiculigera*).—Dies., 1851a, 158 (so. s.).—Olfers, 1816a, 64 (in *C. s.*).—Stoss., 1896a, 32 (26) (so. s.); 1898, 70.
- veligera* Rud., 1819a, 656 (in *Lepus brasiliensis*; Brazil).—Cobbald, 1879b, 319.—Dies., 1851a, 173 (in *L. b.*; B.).—Duj., 1845a, 165-166.—Hall, 1916a, 99 (to *Dermatoxys*).—Schneid., 1866a, 123.
- velocissima* (Nordm., 1832) Dies., 1851a, 204-205 (in *Acerina vulg.*, *Lucioperca sandra*, *Perca fluvi.*; by Nordm.).—Fric & Vavra, 1901, 101.—Hofer, 1904a, 296 (in *P. f.*).—Krøyer., 1838-40a, 576, 579 (in *L. s.*, *P. f.*).—Linst., 1878a, 206 (so. *Cucullanus elegans*).—Rail. & Henry, 1915, 449 (larva of *Camallanus lacustris*).—Seur., 1916, 353.—Srámek, 1901a, 101 (so. *C. e.*).
- [*ventriculi* Werner, 1782a, 19-22, pl. 8 fig. 8 (in *Homo*). Not an *Ascaris*, and doubtful if this is used as a specific name.]
- vermiculari cauda subulata* Rud., 1809a, 199 (so. *lacertæ-palustris* Rud.) (see *vermicularis c. s.*).
- vermicularis* Linn., 1758a, 648 (in *Equus*, *Homo*; Europe); 1761a, 504.—Aitken, 1872a, 177 (to *Oxyuris*).—Anacker, 1890h, 446.—Barbut, 1783a, 10, pl. 1 fig. 6.—Barry, 1818a, 383-396.—Belles, 1865a, 270-278 (convulsions).—Bellingh., 1844a, 170.—R. B1., 1888a, 711 (to *Oxyuris*).—Bennet & Olivier, 1826, 7-8 (in *H.*).—Blumenb., 1825a, 240.—Bosc, 1802a, 36, pl. 12 fig. 1.—Braun, 1915a, 368.—Brems., 1824a, 128.—Braun, 1903a, 303; 1908a, 342.—

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vermicularis—continued.

Brumpt, 1910a, 350; 1913a, 415.—Brug., 1791a, pl. 30 figs. 25–29; 1792a, 131, 133–134.—Burm., 1837a, 535; 1856a, 278.—Cat. RCSL, 1830, 42.—Chiaje, 1825a, 5, 70 (to Oxyuris).—Cast. & Chalm., 1910a, 444; 1913a, 547.—Cobbold, 1866a, 5; 1873c, 108 (of Youatt, so. canis).—Crep., 1839a, 279, 282.—Cuv., 1817a, 33.—Dies., 1851a, 144–145 (in H.).—Dunzl., 1893a, 107, 463, 871.—Eiss, 1838a, 28–29.—Fabr., 1780a, 271.—Fagge & Pye-Smith, 1902a, 464.—Frayse, 1895a, 11.—Fuchet, 1819a, 10–11.—Galeb, 1878b, 286, 288.—Herbst, 1787a, 25 (in Equus cab., H.).—Hergesell, 1818a, 4, 8.—Hooper, 1799b, 9, 24–30, 1 pl.—Huber, 1896a, 588.—Joy, 1835a, 504, 505, 507–508, 526, 529, 531, 538–541.—Keating, 1890, 972.—Küech., 1855a, 275.—Kühn, 1798a, 5.—Lam., 1801a, 339.—Larère, 1829a, 9.—Leidy, 1909, June 5, 1832 (2) (in Man).—Leuck., 1868a, 286; 1879a, 33; 1886d, 25.—Lunel, 1857a, 121.—Loreau, 1860a, 1–24.—Lundborg, 1817a, 8.—M'Can, 1822a, 6.—Marggraf, 1799a, 7, 9.—Meese, 1864a, 338–347.—Millard, 1885a, 117, 118–119.—Mosler & Peiper, 1894a, 224.—Müh., 1898b, 10.—Müell., 1774, 34–35; 1776a, 213; [1784a], 49; 1784a, 106.—Nordm., 1840a, 653, 662 (to Oxyurus).—Oken, 1815a, 202.—Olfers, 1816a, 63–64.—Oppenheim, 1900a, 186.—Owen, 1835l, 394.—Posonyi, 1820a, 12, 29.—Rans., 1856, 599.—Rathke, 1799, 67.—Rauh, 1779, 17.—Reckitt, 1880a, 604.—Roc, 1823, 2.—Rud., 1802a, 18–20, 31 (in H.); 1809a, 152–155 (in H.); 1819a, 44, 279–280 (in H.).—Schneidem., 1896, 323 (vermikularis).—Schneid., 1866a, 8, 30, 116, 118 (pars so. minuta).—Schränk, 1803, 193–194.—Simon, 1897, 225.—Slawikowski, 1819, 14.—Stiles, 1907e, 600; 1914, MM, v. 2, 291.—Szerlecki, 1874a, 37.—Valentin, 1811, 4–5.—Vauzème, 1834a, 327, 331.—Ward, 1895a, 301 (to Oxyuris), 330 (in H.), 342 (in Canis fam.); 1903, 223 (to O.).—Werner, 1782, 72.—Westwood, 1851, 645.—Wilmsen, 1821, v. 3, 14–15 (in E. C., H.).—Zwicke, 1841, 28 (in H.).—Also reported for Simia paniscus.

vermicularis of Bradshaw, 1876a, 837–839 (in mules).—Cobbold, 1876c, 839 (so. Spiropt. megast., S. microst., Str. tetracanthus); 1877b, 4 (so. Sp. megast.); 1879b, 382.

vermicularis of Acharius, 1780a, 44, 52, pl. 2 figs. 3–6 (in swimbladder of Salmo eperlanus).—Rud., 1802a, 31.

vermicularis cauda subulata Goeze, 1782a, 108 (in Hechte & Lacerta palustris; by Goeze).

vermicularis muris Frœl., 1791a, 99–100 (quotes Goeze, 1782a, pl. 5 fig. 2) (in mouse; by Frœl.).—Baird, 1853a, 15.—Dies., 1851a, 146 (so. oxyura).—Hall, 1916a, 81 (so. Oxyuris obvelata).—Rud., 1802a, 19 (s. obvelata); 1809a, 155 (so. ob.).

vermicularis pollicaris Pall., 1761a, 504 (in paludibus, in intest. recto puerorum in intest. equorum, in radicibus plantarum).

vermikularis Schneidem., 1896a, 323 (for vermicularis) (Askaris).

vernicularis Frayse, 1895a, 11 (misprint for vermicularis).

versipellis Müell., 1776a, 214; 1788b, 48, 49, pl. 74 fig. 7 (in Gadus barbatus; lng?); 1784a, 105, 107 (in G. b.).—Brug., 1792a, 139–140.—Crep., 1844a, 130.—Dies., 1851a, 40 (so. Echinor. acus).—Fabr., 1780a, 275.—Herbst, 1787a, 27.—Lühe, 1905b, 149, 163, 212, 334–335 (E. gadi).—Porta, 1905a, 171 (so. E. a.).—Rud., 1809a, 278, 282.—Westrum, 1821a, 24.

vescicularis Carruccio, 1886b, 293 (misprint) (so. Het. papillosa).

vesicularis Frœl., 1791a, 85–88, pl. 3 figs. 12–14; 1802a, 48–49 (in Phasianus colchicus; by Frœl.).—Bellingh., 1844a, 168.—Brems., 1811, 18, 24 (s. urogalli).—Bourgeois, 1859a, 501–503.—Cobbold, 1858b, 165 (in P. pictus); 1859d, 365, pl. 63 fig. 21 (in P. torquatus); 1861e, 122; 1869a, 67, 68 (in capercaillie, fowl, gray partridge, pheasant, quail, red grouse); 1877b, 5; 1879b, 382, 440, 442 (to Het.).—Crep., 1825a, 17–21; 1846a, 134.—Dav., 1877a, xci, xcix.—Dies., 1851a, 148–149 (in Anas tadorna, Meleagris gallopavo, Numida meleagris, Otis tarda, O. tetrax, P. gallus, P. colchicus, P. pictus, P. nycthemerus, Pavo cristatus, Perdix cinerea, P. coturnix, P. saxatilis; Tetrao lagopus, T. urogallus, T. bonasia; M. C. V.), 170 (pars so. inflexa).—Duj., 1845a, 223 (to Het.).—Fisch., 1840a, 154.—Giebel, 1857a, 268.—Hass., 1896a, 5 (so. Het. papillosa); 1896b, 2 (so. H. p.).—Lam., 1816, 207–208; 1840a, 654.—Leidy, 1856b, 51.—Leuck., 1867b, 54 (to Het.); 1886d, 98.—Lucet, 1888a, 314.—Lühe, 1905b, 159.—Mol., 1861c, 286 (pars so. inflexa), 290 (phasiani-galli) (to Heteracis).—Nordm., 1832a, 22; 1840a,

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654 (so. *papillosa*).—Oken, 1815a, 198–199.—Olfers, 1816a, 62.—Perronc., 1882a, 305.—Perronc. & Tomiolo, 1901, 69.—Rail., 1893a, 407 (pars so. *Het. papillosa*).—Rud., 1793a, 12–13; 1802a, 16–17; 1809a, 129–132 (in O. t., P. colchicus, P. gallus, P. pictus), 158, 161, 163, 168, 187, 198, 228, 242; 1814a, 89; 1819a, 38, 268 (s. *urogalli*).—Schneid., 1866a, 30, 66, 76.—Walter, 1866, 69.—Wedl, 1855, 303–304, fig. 6; 1856, 36–37, 66, pl. 1 fig. 6.—Zed., 1800a, 33 (so. *Fus. reflexa*).—Also reported for *Euplocamus melanotis*.

vespertilionis Gmel., 1790a, 3030 (in *Vespertilio auritus*; Gæze, 1782a, 86).—Rud., 1809a, 118.

vimbæ Linst., 1877b, 179, pl. 12 fig. 8 (larva in *Abramis vimba*; Hameln); 1887d, 107 (in A. v.); 1909 (15), 55 (in A. v.).—Hofer, 1904a, 229 (in A. v.).—Stoss., 1896a, 66 (60) (in A. v.; H.).

viperæ Linst., 1902a, 217 (in *Vipera arietans*; Holub, S. Africa).—Seur., 1916, 353 (in V. a.).

visceralis Gmel., 1790a, 3031 (in *Canis* fam.; Red. An. viv. 308, pl. 8 fig. 1).—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Bennet & Olivier, 1826a, 9–10 (in cattle, horse, dog).—Braun, 1903a, 290; 1908a, 324; 1915a, 329.—Brumpt, 1910a, 472; 1913a, 534.—Cast. & Chalm., 1910a, 429; 1913a, 562.—Cuv., 1817a, 34 (so. *Str. gigas*).—Dies., 1851a, 327 (so. E. g.).—Dungl., 1893a, 107.—Duj., 1845a, 113 (so. S. g.).—Nev.-Lem., 1912a, 775.—Nordm., 1840a, 650 (so. S. g.).—Rud., 1809a, 211 (so. S. g.).—Stoss., 1899, 57 (so. S. g.).—Ward, 1895a, 302 (so. *Diocetophyme gigas*), 330 (in *Homo*), 333 (in *Bos taurus*), 339 (in *Equus cab.*), 342 (in *Canis* fam.); 1903, 220 (so. D. renale).

vituli Gmel., 1790a, 3032 (gregaria in vitulorum per artem insectorum pulmonibus et tracheis, vivipara; Gæze, 1782a, 91, pl. 2 fig. 7B).—Bennet & Olivier, 1826a, 12–13 (in calves).—Brug., 1791a, 92, pl. 30 figs. 22–24.—Dies., 1851a, 316 (so. *Str. micrurus*).—Rail., 1893a, 430 (so. *Str. micrurus*).—Rans., 1911a, 125 (pars so. vitulorum).—Rud., 1809a, 125 (pars so. *lumbricoides*), 245 (so. *Str. vitulorum*).—Stoss., 1899, 71 (so. *Str. micrurus*).—Ward, 1895a, 333 (so. S. m.) (in *Bos taurus*).

vituli Neum., 1883a (b), 362–377 (1–20), 10 figs. (in *Bos taurus*; Europe) [not vituli 1790].—Campb. & Lacr., 1907, 69.—Linst., 1904, 4 (so. vitulorum).—Ward, 1895a, 333 (in B. t.).

vituli author not stated.—Campb. & Lacr., 1907, 69 (in *Bos taurus*).—Hut. & Mar., 1906a, 394 (in calves); 1910b, 494 (so. *lumbricoides*, teste Gasteiger) (in B. t.).—Rozsa, 1910, v. 33 (46), 543.

vitulorum Gæze, 1782a, 72 (in *Bos taurus*; Europe).—Braun, 1915a, 363.—Braun & Lûche, 1909a, 151; 1910a, 164.—Fiebiger, 1912a, 297.—Gedælst, 1911a, 131 (in cattle, calves).—Huber, 1896a, 583.—Hut. & Mar., 1913b, 494, 495, 497.—Jammes & Martin, 1908, 123, 124; 1908, 208, 209.—Linst., 1904, 4.—Martin, 1913, 3, 6–18, 19, 20, 21, 27, 28, 40, 41, 43, 45, 46, 47, 48, 49, 50, 51, 52, 53, 55, 62, 63, 64–65, 68, 80, 81, 82, 83, 84, 86, 87, 89, 90, 91, 92, 94, 95, 98, 102, 106, 107, 108, 110, 111, 112, 115, 117, 118, 119, 122, 124, 127, 130, 133, 136, 141, 142, 143, 145, 146.—Neum. & Mayer, 1914a, 451.—Nev.-Lem., 1912a, 664.—Rail., 1893a, 401, fig. 264; 1915, 491; 1915, IVC, 734.—Rans., 1911a, 13, 17, 25, 121 (s. vituli) (in *Bos taurus*, B. indicus; Europe, Japan, Ceylon, W. Indies).—Sl. & Sw., 1912a, 371, 401.—Stoss., 1896a, 12–13 (6–7) (in B. t.; Europe).—Ward, 1895a, 301, fig. 59, 333 (in B. t.).—Wolffh., 1911, 77.

—, egg, development.—Jammes & Martin, 1906, v. 143 (1), 67–70; 1906, v. 143 (3), 189–190; 1906, v. 31 (9), 604–607, 607–608; 1906 (175), 671; 1907, v. 61 (39), 719–721; 1907, v. 62 (1), 15–17 (shell); 1907, v. 62 (3), 137–139; 1907, v. 32 (4), 272–273; 273–275 (shell); 275–276.

vulpis Frel., 1789a, 140–142, pl. 4 figs. 30–31 (in *Fuchs*; Europe).—Bennet & Olivier, 1826a, 10 (in wolf).—Braun, 1915a, 366.—Dies., 1851a, 182 (so. triquetra).—Gmel., 1790a, 3031.—Rud., 1793a, 10 (so. canis) (in *Canis* fam., C. vulpis); 1802a, 12 (so. tr.); 1809a, 139 (so. tr.).—Schränk, 1803, 194–195.—Stoss., 1896a, 14 (8) (so. mystax); 1898, 67.

wedli Stoss., 1896a, 62 (56) (s. *Agamonema mulli*) (in *Mullus barbatus*; Trieste); 1898, 74.—Barbag. & Drago, 1903, 416 (in M. b.; Catania).

[*werneri* Rud., 1793a, 11 (used in sense of ascaris of Werner, referring to *Lumbricus canis*); 1809a, 138 (so. *marginata*).—Dies., 1851a, 181 (so. marg.).—Ward, 1895a, 301 (so. mystax), 330 (in *Homo*), 342 (in *Canis* fam.); 1903, 223 (so. canis).

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- zebræ* Skrj., 1916, 46–48, 121–123, pl. 3 figs. 15–16 (in zebra; Brit. E. Africa).
zeylanica Linst., 1907, AN, for 1901, J. 67, v. 2, 172 (for *ceylanica*).
- ASCAROIDEA Rail. & Henry, 1915, BS*Pe*, 271; 1915, BS*Pe*, 452.—Hall, 1916a, 6, 39, 40, 44, 65; 1916, RM*v*, 518.
- ASCAROIDES Barth., 1858a, 41–48 (mt. *limacis*).—Stiles & Hass., 1905b, 88.
limacis Barth., 1858a, 41–48, pl. 5 figs. 8–15 (in *limace grise*; by Barth.).—Perez, 1866a, 155, 158, 159 (so. *Rhabditis terricola*).—Stiles & Hass., 1905b, 88.
- ASCAROPHIS Ben., 1871a, 92 (mt. *morrhuae*) (see also *Ascaropsis*).—Stiles & Hass., 1905b, 88.
morrhuae Ben., 1871a, 92, pl. 3 fig. 11 (in *Gadus morrhua*; Belgium).—Stiles & Hass., 1905b, 88.
- ASCAROPS Ben., 1873b, 22 (mt. *minuta*); 1873c, 322–323.—Scudd., 1884a, 29.—Seur., 1916, 353.—Stiles & Hass., 1905b, 88.
minuta Ben., 1873b, 22, pl. 5 figs. 6–11 (in *Vespertilio dasycneme*; Belgium); 1873c, 322–323.—Cobbold, 1879b, 294 (in *Vespertilio murinus*, *V. serotinus*).—Linst., 1878a, 13 (to *Spiropt.*).—Seur., 1916, 353 (in *V. d.*).—Stiles & Hass., 1905b, 88.
- ASCAROPSIS Power & Sedgwick, 1880a, v. 1 (4) (unpaged) (see *Ascarophis* Ben., 1871a).—Stiles & Hass., 1905b, 88.
morrhuae (Ben., 1871) Power & Sedgwick, 1880a, v. 1 (4) (unpaged) (in *Gadus morrhua*; by Ben.).—Nicoll, 1907a, 71, 72, 92–93, pl. 4 fig. 14–16 (in *G. æglefinus*, *Cottus bubalis*, *Hippoglossus vulg.*).
species Nicoll, 1907a, 72 (in *Pleuronectes micro.*; Gr. Brit.).
- ASCARUS Am. J. Vet. Med., 1912, v. 7, 28 (misprint for *Ascaris*).
- ASCONEMA Leuck., 1886c, 743–746 (mt. *gibbosum*) [not *Askonema* Kent, 1870, Protozoön]; 1886, 1–10 [nv.]; 1887e, 357 (renamed *Atractonema*).—Stiles & Hass., 1905a, 88.
gibbosum Leuck., 1886c, 743–746 (in body cavity, *Cecidomyia pini*; by Leuck.); 1887e, 356–365 (to *Atractonema*) (in larva, pupa, adult of *C. p.*; by Leuck.); 1887g, 212–213; 1887k, 402.—Stiles & Hass., 1905b, 88.
- ASCORIA Huber, 1896a, 562 (misprint for *Ascaris*).—Stiles & Hass., 1905b, 88.
maritima (Leuck., 1876) Huber, 1896a (b), 562.
- ASEARIS Brändes, 1898a, 213 (21) (misprint for *Ascaris*; *Asearis megalcephala*).
- ASIFIA Lane, 1914, IJMR, July, 384 (tod. *vasifa*) (*Strongyloidea*).
vasifa Lane, 1914, July, 384–386, figs. 7–14 (in cecum of *Elephas indicus*; Bengal).
- Askariden.—German vernacular for *Ascaridæ* and for plural of *Ascaris*.
- Askaridosis Reinach, 1913, v. 60 (48), 2704 (for *Ascaridosis*).
- ASKARIDÆ Schneidem., 1896a, 305, 322 (for *Ascaridæ*).—Edelmann, 1914, 270; 1915, 109.
- ASKARINÆ Rail. & Henry, 1912, 256 (subf. of *Ascaridæ*, contains *Asc.*, *Belasc.*, *Toxasc.*, *Lagochilasc.*, *Polydelphis*).
- ASKARIS Humb., 1808a, 162.—Schneidem., 1896a, 305 (for *Asc.*).
canikuli Schneidem., 1896a, 322 (for *Asc. caniculæ*).
kanis Schneidem., 1896a, 314 (for *Asc. canis*).
kati Schneidem., 1896a, 322 (for *Asc. cati*).
lumbricoides (Linn., 1758) Dunkel, 1897, 1–30.—Ostertag, 1907d, 122 (in gall ducts of swine).
ovis (Rud., 1819) Schneidem., 1896a, 323.
mystax (Zed., 1800) Schneidem., 1896a, 326.
vermicularis Schneidem., 1896a, 323 (for *vermicularis*).
- ASPIDOCEPHALUS Dies., 1851a, 80, 208 (mt. *scoleciformis*) [not *Aspidocephalus* Motašch, 1839, coleopt., for *Aspicephalus*; not *Aspidocephala* Burm., 1837, crust., supergeneric; not *Aspidocephali* Ritg., 1828, reptile, supergeneric]; 1855, 180.—Carus, 1863, 462.—Mol., 1857a, 151; 1861c, 296.—Ols., 1869b, 487.—Stiles & Hass., 1905b, 88.
scoleciformis Dies., 1851a, 208 (s. *Asc. didelphidis* Rud.) (in *Dasypus unicinctus*, *D. setosus*, *D. gilvipes*, *D. tricinatus*, *Didelphis murina*, *D. dom.*; Brazil); 1855, 180, pl. 5 fig. 1–7.—Cobbold, 1879b, 321.—Stiles & Hass., 1905b, 88.—Also reported for *Dasypus sexcinctus*, *D. gymnurus*.

ASPIDOCEPHALUS—Continued.

subulatus (Mol., 1860) Drasche, 1884a, 208, pl. 12 figs. 5-7, pl. 14 fig. 12 (in *Didelphis* sp.) (apparently Molin's original material).—Linst., 1889a, 27 (in *Didelphys nudicaudata*).

ASPIDODERA Rail. & Henry, 1912, BSPe, 257 (for *Aspidocephalus* Dies., 1851, not Motsch, 1839) (tod. *scoleciformis* Dies.); 1913 (1912), 93-98 (1-6).—Lane, 1914, 655 (g. of *Heterakinae*); 1916, IJMR, 100, 101.—Trav., 1913, 271, 303-305; 1914, v. 6 (2), 138, 139 (g. of *Het.*).

binansata Rail. & Henry, 1913, BMHn, 97-99 (5-6) (in *Dasypus villosus*; Mus. Hist. Nat.), 1914, 679 (in D. v.).

fasciata (Schneid., 1866) Trav., 1913, 306, 307-308, pl. 30 fig. 29, pl. 31 figs. 35, 37 (in *Tatus novemcinctus*, *Tolypeutes tricinctus*).—Rail. & Henry, 1914, 679 (in T. n.).

raillieti Trav., 1913, 308-309, pl. 31 fig. 38 (pl. 30 figs. 30, 31) (in *Didelphis aurita*).

scoleciformis (Dies., 1851) Rail. & Henry, 1912, 257; 1914, 679 (in *Cabassus unincinctus*, *Dasypus sexcinctus*, *Tolypeutes tricinctus*).—Trav., 1913, 305, 306-307, pl. 31 figs. 32, 33, 36 (in D. s., D. villosus, D. unincinctus, *Didelphys dom.*, D. murina, *Tatus novemcinctus*, *Tolypeutes tricinctus*).

subulata (Mol., 1860) Rail. & Henry, 1912, 257; 1914, 679 (in *Didelphys nudicaudata*).—Trav., 1913, 305-306, 307, pl. 30 fig. 28, pl. 31 fig. 34 (in D. n.).

ATRACTIS Duj., 1845a, 230, 233, 654 (mt, *Asc. dactyluris*) [not *Atractus* Wagl., 1828, reptile].—Linst., 1902d, 28-29; 1910, v. 53 (5), 517.—Par., 1894a, 223.—Schneid., 1866a, 29, 51, 124.—Rail. & Henry, 1916, CrSB, 115.—Stoss., 1898, 80.—Stiles & Hass., 1905b, 89.

brevicollis Schneid., 1866a, 120, [125] (in *Testudo græca*) (apparently for *dactylura*, q. v.).

cruciata Linst., 1902d, 29-30, 32, figs. 1-5 (in *Metopoceros* (*Iguana*) *cornutus*; Haiti); 1902e, 74; 1905q, 41-42; 1910, v. 53 (5), 518 (in *Metopoceros cornutus*; H.).—Rail. & Henry, 1912, 252 (so. *opeatura* Leidy).—Schuberg & Schröder, 1904, 512, 513 (in M. (I.) c.).—Skrj., 1916, 75, 141.—Stewart, 1914, 178.

dactylura (Duj., 1845) Dies., 1851a, 151 (based on Duj., 1845a, 233, 654[*Asc. dactylura*]) (to *Asc.*).—Drasche, 1884b, 325, 328-329, figs. 17-18 (in *Testudo græca*; Mus. Wien).—Galli-Val., 1901c, 362 (in T. g.).—Hallez, 1886d; 1887a, 1-20, figs. 1-20.—Linst., 1883, 296; 1901, 190; 1902d, 29 (in *Chersus marginatus*, *Homopus horsfieldi*, *Podocnemis expansa*, P. *tracaxa*, T. g.); 1910, v. 53 (5), 518 (in C. m., H. h., P. e., P. t., *Rhinemys nasuta*; Europe, America).—Par., 1887, 344-345, pl. 7 fig. 42-43.—Rizzo, 1902, 32 (in T. g.).—Schneid., 1866a, 124, pl. 11 fig. 2.—Schuberg & Schröder, 1904, 512, 513 (in T. g.).—Stewart, 1914, 177.—Stoss., 1898, 80-81.

dactyluris (Rud., 1819) Par., 1894a, 223 (in *Testudo græca*; by Redi).—Rail. & Henry, 1912, 258-259 (in T. emys); 1916, CrSB, 115.—Stiles & Hass., 1905b, 89.

dactyluris granulosa Rail. & Henry, 1912, BSPe, 259 (in *Testudo emys*).

fasciolata Gendre, 1909, v. 63, xxx-xxxiii, figs. 1-6 (in *Cinixys belliana*; French Guiana).—Skrj., 1916, 75, 41.—Stewart, 1914, 178.

hystrix (Dies., 1851) Linst., 1910, v. 53 (5), 518 (in *Podocnemis erythroc.*; America).—Stewart, 1914, 178.

kachugæ Stewart, 1914, RIM, 176-178, 189-190, pl. 21 figs. 44-47, pl. 22 figs. 48-49 (in *Kachuga lineata*; Lucknow).

opeatura Leidy, 1891a (1904a), 411-412 (233) to (*Asc.*) (in *Cyclura baeolopha*, New Providence Isl.).—Linst., 1901, 190; 1902d, 29 (in C. b.; N. P.); 1910, v. 53 (5), 518 (in C. baeolopha; Australia).—Rail. & Henry, 1912, 252-253 (s. *cruciata*) (in *Iguana tuberculata*).—Stewart, 1914, 178.—Stiles & Hass., 1894e, 350 (cf. *subulata*).

perarmata Linst., 1910, CfB, v. 53 (5), 516-518, figs. 1-2 (in *Cinixys belliana*; Deutsch-Ostafrika).—Stewart, 1914, 178.

species Linst., 1901, 190-191, pl. 8 fig. 15 (in *Metopoceros* (*Iguana*) *cornutus*; Haiti).

subulata Coll. Leidy in Stiles & Hass., 1894e, 350 (cf. *opeatura*) (in *Cyclura basolopha*; Coll. Leidy).

- ATRACTONEMA** Leuck., 1887b, 678-703, pl. 3 figs. 1-13 (type *gibbosum*) (*Asconema* 1887 [not *Askonema* Kent, 1870] renamed) [not *Atractonema* Stein, 1878a, protozoon]; 1887d, 95; 1887e, 357; 1887g, 212-213.—A., D., & E., 1901b, 8.—Braun, 1906a, 5.—Hempelm., 1912a, 101.—[Landacre, 1908, v. 4 (10), 435 (protozoon g. of *Astasiidae*).]—Linst., 1892g, 511.—Looss, 1892a, 87.—Shipley, 1896a (1901b), 131, 150, 152, 153.—Stiles & Hass., 1905b, 89.
- gibbosum* (Leuck., 1886) Leuck., 1887b, 678-703, pl. 3 figs. 1-13 (in *Cecidomyia pini*); 1887g, 212-213 (in C. p.).—Braun, 1895b, 9; 1906a, 5.—Hempelm., 1912a, 108.—Looss, 1892a, 85.—Mordw., 1908, v. 13 (1-2), 146.—Shipley, 1896a, 153, fig. 75.—Stiles & Hass., 1905b, 89.
- [*teres* Stein, 1878a, descr. pl. 23 figs. 35-41.—Protozoon.]
- ATYLENCHUS** Cobb, 1913, JWAS, 437 (mt., decalineatus).
- decalineatus* Cobb, 1913, 437 (on roots of *Oxycoccus macrocarpus*, in cranberry bog; New Lisbon, N. J.; Atwood Grove, Fla.).
- AUCHYLOSTOMA** Dunbar, 1904, v. 14 (1), 4 (misprint for *Anchylostoma*).
- AUCYRACANTHUS** Zool. Rec., 1898 (for 1897), v. 34, verm., 42 (misprint for *Ancyracanthus*).—Stiles & Hass., 1905b, 89.
- AULOLAIMUS** Man, 1880a, 30-31 (mt. *oxycephalus*).—Cobb, 1893b, 289-290 (41-42).—Stiles & Hass., 1905b, 89.
- exilis* Cobb, 1893b, 289-290 (40-41), pl. 37 figs. 1-4 (soil about banana plants; Fiji).
- oxycephalus* Man, 1880a, 31 (in sand; Holland).—Hofmæn. & Menz., 1915, 155-156.—Stiles & Hass., 1905b, 89.
- AUSTRONEMA** Cobb, 1914, SE, 16 (mt. *spirurum*).
- spirurum* Cobb, 1914, 8, 9, 16-17, 1 fig. (Cape Royds).
- AUTOPECTUS** Criv. (1843a), 326-328; 1843, 186-189 (mt. *protognostus*); 1845, 15-23 [not *Autoplectus* Raffray, 1883, insect; see Zool. Rec., 1884 (for 1883), v. 20, Index, 2; Waterhouse, 1902, 40, gives this as *Antoplectus* (probably misprint)].—Stiles & Hass., 1905b, 89.—Waterhouse, 1902, 40 (*Antoplectus*).
- protognostus* Criv. (1843a), 326-328 (Lombardia); 1843, 186-188 (in terra argillosa; Lombardia); 1845, v. 2, 15-23 (nella terra di natura argillosa; Italy).—Assmuss, 1865, 52 (so. *Mermis albicans*).—Stiles & Hass., 1905b, 89.
- AXONOLAIMUS** Man, 1889b, 3-4 (tsd. *Anoplostoma spinosum*); 1907, 49.—Stiles & Hass., 1905b, 89.
- filiformis* Man, 1889b, 3-4 (free; Penzance).—Southern, 1914a, 24 (Clare Isl.).—Stiles & Hass., 1905b, 89.
- impar* Savelev, 1912, 119 (Strandzone; Catharinahafen).
- himalis* Savelev, 1912, 118 (im schlammigen Sande; Catharinenhafen).
- polaris* Cobb, 1914, SE, 7, 30, 1 fig. (Bay, Cape Royds).
- spinosus* (Buëtsch., 1874) Man, 1889b, 3-4 [see also de Man, 1888, 19]; 1907, 87 (Zealand).—Schneid., G., 1906, 627.—Stiles & Hass., 1905b, 89.
- BALANTIOPHORA** Dies., 1861a, 619 (subf. of *Trichosomidea*, contains *Calodium*, Thominx) [not *Balantiophorus* Schewiakoff, 1889, Protozoon].—Eberth, 1863a, 44.
- BASTANIA** Zool. Rec., 1894 (for 1893), v. 30, Vermes, 56 (misprint for *Bastiania*).—Stiles & Hass., 1905b, 89.
- BASTIANA** Scudd., 1882, 37 (misprint for *Bastiania*).—Cobb, 1893a, 824 (47).—Stiles & Hass., 1905b, 89.
- australis* Cobb, 1893a, 824 (47) (in soil; N. S. W.).
- exilis* Cobb, 1914, TAMS, v. 33 (2), 72, 105-106 (38, 71-72, 98), pl. 8 fig. 23 (in fresh water; Tynne Station, Fla.).
- BASTIANA** Man, 1876a (b), 172-174 (95-97) (mt. *gracilis*).—Oerley, 1880, 67, 138.—Stiles & Hass., 1905b, 89.—See also: *Bastiana*, *Bastania*.
- gracilis* Man, 1876a, 172-174, pl. 11 figs. 43a-c (Leiden, Middelburg, Walcheren); 1876b, 95-97, pl. 11 fig. 43a-c (Leiden); 1907, 42.—Hofmæn. & Menz., 1915, 120.—Oerley, 1880, 138, pl. 7 fig. 34.—Stiles & Hass., 1905b, 89.
- BATHMOSTOMUM** Rail. & Henry, 1909b, 170 (3) (tod. *sangeri* Cobbold=*Uncinaria os-papillatum*) (g. of *Bunostomeæ*); 1910, 312, 315 (type *sangeri*); 1912, v. 14, 565.—Gedöelst, 1911a, 125.—Lane, 1914, July, 397.—Lane, 1917, IJMR, 420, 422, 436, 437.—Nev.-Lem., 1912a, 648.

BATHMOSTOMUM—Continued.

sangeri (Cobbold, 1879 [not Aless.]) Rail. & Henry, 1909b, 170 (3) (s. *Uncinaria os-papillatum* Piana); 1910, 315.—Geddelst, 1911a, 125, fig. 169 (in elephant; India).—Lane, 1914, July, 380.—Hut. & Mar., 1913b, 2, 508.—Nev.-Lem., 1912a, 743.—Rail., Henry, & Bauche, 1914, 130.

BATHYLAIMUS Cobb, 1894c, 409–410 (mt. *australis*).—Stiles & Hass., 1905b, 89.
australis Cobb, 1894c, 409–410, figs. 9, i–iv (N. S. Wales).—Stiles & Hass., 1905b, 89.

BATHYLAIMUS Daday, 1905, v. 18 (44), 59–60 (Paraguays) (mt. *maculatus*) [not *Bathylaimus* Cobb, 1894]; 1905, Mte, v. 23, 326 (mt. *maculatus*).—Hofmæn. & Menz., 1915, 162.

maculatus Daday, 1905, Z, v. 18, 60–62, pl. 3 figs. 10–15 (in fresh water; Paraguay); 1905, v. 23, 326.

mirabilis Hofmæn., in Hofmæn. & Menz., 1914, ZA, 83–84, fig. 5 (Léman and Vierwaldstætersee); 1915, 162–163, pl. 5 figs. 13–14.

BATHYMERIS Daday, 1911, Mte, v. 29, 493–494 (type ?); 1911, 519; 1913, 244, 259–260 (Mermithidæ).

fuhrmanni Daday, 1911, v. 29, 494–495, pl. 3 figs. 3–9; 1911, 520–521, pl. 16 figs. 12a–g (Neuenburger-See); 1913, 223, 260–261, pl. 3 figs. 3–9 (N.-S.).

helvetica Daday, 1911, v. 29, 495–496, pl. 3 figs. 10–13, 16; 1911, 521–523 pl. 17 figs. 13a–e (Vierwaldstæter-See); 1913, 218, 219, 238, 262–263, pl. 3 figs. 10–13, 16 (V.-S.).

BELASCARIS Leiper, 1907, BMJ, June 1, 1297 (tod. *Asc. mystax* of cat) (contains also *triquetra*, *globulus*, *leptopt.*) [combinations not made]; 1907, DmW, 983; 1907, MR, 1043; 1907, JTVS, 444–445; 1907, JRMS, 555.—Braun, 1915a, 365.—Cast. & Chalm., 1910a, 443; 1913a, 546, 1293, 1317.—Geddelst, 1911a, 131.—Glaue, 1910, ZA, 745, 746, 756, 757.—Nev.-Lem., 1912a, 642.—Pearse, 1913, v. 2, 29.—Rail. & Henry, 1911, 2; 1911, 13; 1911, CfB, 212.—Stiles, 1914a, 271, 288.—Stitt, 1916a, 331.—Ward, 1916, 702.

canis (Werner, 1782) Garin, 1913, 18, 20, 23–27, 28–35, 44, 48, 57, 147, 148, figs. 4–5.

cati (Schrank, 1788) Rail. & Henry, 1911, 14.—Craig, 1915, 502 (treatment).—Nev.-Lem., 1912a, 671.

crenulata (Brems., 1824) Rail. & Henry, 1911, 14 (in *Felis onça*).

marginata (Rud., 1802) Geddelst, 1911a, 132 (in dom. dog).—Craig, 1915, 502 (treatment).—Ihle, 1916, 276, 277; 1916, 1, 2.—Nev.-Lem., 1912a, 671.—Rail., 1915, 491; 1915, IVC, 734.—Rail. & Henry, 1911, 14 [not *Toxascaris marginata* of Leiper, 1907] (in *Canis fam.*).—Ward, 1916, 702.

masculior Rail. & Henry, 1911, 14 (in *Fennecus zerda*).—Braun, 1915a, 366 (in *F. cerdo*).

mystax (Zed., 1800) Cast. & Chalm., 1910a, 443, 450, 926, 940.—Braun, 1915a, 366, figs. 315–317.—Brumpt, 1913a, 413.—Geddelst, 1911a, 132 (in domestic cat, *Homo*).—Graham-Smith, 1913, 198, 201.—Ihle, 1916, 276, 277; 1916, 1, 2.—[Leiper, 1907, 1297].—Nev.-Lem., 1912a, 671.—Rail., 1915, 491; 1915, IVC, 734.—Rail. & Henry, 1911, 13–14 (in *Felis dom.*, *F. catus*, *F. minuta*, *F. maniculata*, *F. leo*, *F. pardus*, *Homo*).—Stiles, 1914a, 288; Stiles, 1914, MM, v. 2, 288.—Ward, 1916, 702.

species Hall, 1913, PUSNM, 83 (in *Canis nebracensis*; Col.).

vulpis (Frœl., 1789) Rail. & Henry, 1911, 14 (in *Vulpes vulpes*).

BICERCA Schep., 1908f, 186 (group of *Desmoscolex*).

BOGDANOWIA Zograf, 1913, ZA, 164 (tod. *Bunonema bogdanowia*).—Menz., 1914, AN, 76.

BOLBORHYNCHUS Porta, 1906a, 236, 268, 269 (for *Echinorh. brevicollis*, *capitatus*, *pellucidus*, *porrigens*, *turbinella* [combinations not made]) (type ?); 1908, 273 (renamed *Bolbosoma*) [not *Bolbor.* Bon, 1857, Aves; not *Bolbor.* Salvadori].—Lüthe, 1912, v. 1, 272.

brevicollis (Malm, 1867) Porta, 1908, 4–6, figs. 6–9 (in *Balænoptera rostrata*).

capitatus (Linst., 1880) Porta, 1908, 3 (in *Pseudorca crassidens*).

turbinella (Dies., 1851) Porta, 1908, 3–4, 6, figs. 3–5 (in *Balænoptera borealis*; Norway).

- BOLBOSOMA** Porta, 1908, AP, v. 12, 273 (Bolbor. Porta, 1906, renamed hence same type).—Lühe, 1912, v. 1, 272.
- aurantiacum* (Risso, 1826) Porta, 1908, v. 12, 273-274 (syns. *Echinorh. annulatus*, *E. bifasciatus*, *E. pellucidus*, *E. serrani*) (in *Delphinus delphis*; larva in *Aulopus filamentosus*, *Conger vulg.*, *Lepidopus caudatus*, *Merlucius vulg.*, *Mustelus laevis*, *Ruvettus pretiosus*, *Regalecus glesne*, *Serranus atrarius*, *Thynnus vulg.*, *Trachypterus falx*; Mediterranean).
- brevicollis* (Malm, 1867) Porta, 1908, v. 12, 274 (in *Balænoptera rostrata*, *B. sibbaldii*; N. Atlantic).
- capitatum* (Linst., 1880) Porta, 1908, v. 12, 275-276 (in *Globicephalus svineval*, *Pseudorca crassidens*; Mediterranean).
- porrigens* (Rud., 1814) Porta, 1908, v. 12, 276 (in *Balænoptera borealis*, *B. rostrata*, *Hyperoodon rostratum*, *Megaptera boops*; N. Atlantic).
- turbinella* (Dies., 1851) Porta, 1908, v. 12, 274-275 (in *Balænoptera borealis*, *B. musculus*, *B. sibbaldii*, *Hyperoodon rostratum*; N. Atlantic).
- BRACHYCLONUS** Rail. & Henry, 1910, BSPE, v. 3, 312 (tod. indicus) (*Bunostominae*); 1912, AP, 565 (g. of *Bunostomeae*).—Lane, 1917, IJMR, 420, 422, 436, 437.
- indicus* Rail. & Henry, 1910, 312-313 (in *Tapirus indicus*; Alfort).—Lane, 1917 434.
- BRACHYNEMA** Cobb, 1893a, 811 (34) (mt. obtusa) [not *Brachynema* Fieb., 1861, hemipt.; not *Brachynceme* Schæff, 1869, lepidopt.].—Stiles & Hass., 1905b, 90.
- obtusa* Cobb, 1893a, 811 (34) (in soil; Australia).—Stiles & Hass., 1905b, 90.
- BRADYNEMA** Strassen, 1892b, 655-747 (mt. Fil. rigida); 1892c, 1-93.—A., D., & E., 1901b, 8.—Rail., 1916, RMv, 517.—Shipley, 1896a (1901b), 150, 151, 160.—Stiles & Hass., 1905b, 90.
- rigidum* (Sieb., 1836) Strassen, 1892b (c), 655-747 (1-93), pls. 29-33 figs. 1-98 (in *Aphodius fimetarius*; Germany); 1893a, 633-634; 1893, 330.—Fuchs, 1914, ZA, 202; 1915, ZJ, 129.—Martini, 1906a, 711.—Mordw., 1908, v. 13 (1-2), 147.—Seur., 1916, 363.—Shipley, 1896, 150, 160.
- Bronchitis:**
- verminosa* (verminous, parasitic).—Bergeon, 1905, JMvZ, v. 56, 91-94 (treatment, cattle).—Fröhner, 1915a, 738.—Milke, 1916, 129-135, pls. 1-2 (Fil. osleri, in dogs).—Smith, 1917, Chicago Vet. Coll. Quart. Bull., 14-15.
- BULBODACNITIS** Lane, 1916, IJMR, 95, 97 (tod. bulbosa).
- bulbosa* Lane, 1916, IJMR, 95-97, pl. 7 figs. 11-14, pl. 8 figs. 15-18 (in duodenum, *Caranx melampygus*; Gulf of Manaar, Ceylon).
- globosa* ([Zed., 1800] Duj., 1845) Lane, 1916, IJMR, 97.
- BUNONEMA** Jægers., 1905, Feb. 28, 557-561, 1 fig. (mt. richtersi).—Cobb, 1915, 101-105; 1915, JP, v. 1 (4), 200.—Hofmæn. & Menz., 1915, 178-179.—Menz., 1914, AN, 74.—Richters, 1905a, 46-47; 1907a, 22.—Spengel, 1905c, 46-47, 233; 1907a, 22.—Stefanski, 1914, ZA, 461-463.—Stiles & Hass., 1905b, 91.
- bogdanowi* Zograf, 1913, ZA, v. 41 (4), 162-164, figs. 1-6 (auf Heckenschwämmen; near Rusa) (type of *Bogdanowia*).—Menz., 1914, AN, 75.
- bogdanowia* Zograf, 1913, ZA, 164 (for bogdanowi).
- dactylicum* Cobb, 1915, 112, fig. 2 (in rotting wood of red oak; Wash., D. C.).
- hessi* Steiner, 1914, AHP, 267, figs. 8-9 (Switz.).
- impar* Cobb, 1915, 111-112 (in rotting wood of red oak; Wash., D. C.); [1915], 101-119, 2 figs.
- inequale* Cobb, 1915, 101-111 (in rotting wood of red oak; Wash., D. C.).
- multipapillatum* Stefanski, 1914, ZA, 462-463, fig. 3 (free, dans les Sphaignes; Lac Lussy).
- penardi* Stefanski, 1914, ZA, v. 43 (10), 461-463, figs. 1-2 (free, in Sphagnum; Lac Lussy).—Steiner, 1914, AHP, 267-268, figs. 10-11 (Switz.).
- reticulatum* Richters, 1905a, 46-47, fig. 1 (Blindbachtal im Schwarzwald); 1907a, 22.—Hofmæn. & Menz., 1915, 179-180.—Menz., 1913, ZA, 412; 1914, AN, 32, 74-76, 77, 78, 82, 83.—Southern, 1914a, 6-7 (Co. Mayo).—Steiner, 1914, AHP, 266-267, figs. 6-7.

BUNONEMA—Continued.

richtersi Jägers., 1905, Feb. 28, ZA, 557-561, fig. 1 ("in einem Stüeckchen Cotula-Rasen von Kerguelen," Schwarzwald, etc.).—Hofman. & Menz., 1914, AN, 74, 75, 77, 78, 83; 1915, 180.—Richters, 1905a, 46.—Steiner, 1914, AHP, 265-266, 267, 268, fig. 4 (Switz.).—Stiles & Hass., 1905b, 91.

richtersi aberrans Steiner, 1914, AHP, 266, fig. 5 (Switz.).

species Cobb, 1915, JP, 200.

BUNOSTOMEÆ Rail. & Henry, 1909b, 170 (group in Ankylostominae, contains Bunost., Necator, Bathmost.); 1910, 311-312; 1912, v. 14, 564-565 (tribe of Strongylinæ, contains Bunost., Necator, Brachyclonus, Gaigeria, Eumonodontus, Bathmost., Grammoc.).—Brumpt, 1910a, 363; 1913a, 427.—F., S., & T., 1916a, 456.—Hall, 1916a, 107, 112, 119; 1916b, 518.—Lane, 1917, IJMR, 425, 426, 431, 432, 433, 434.—Nev.-Lem., 1912, 648.

BUNOSTOMINÆ Looss, 1911, v. 4, 213 (diag.) (subf. of Agchylostomidæ, contains Bunost., Necator); 1911, 202.—Cast. & Chalm., 1913a, 560 (contains Bunost., Necator, Brachyclonus, Gaigeria, Eumonodontus, Bathmost., Grammoc.).—Hall, 1916a, 112 (so. Bunostomeæ); 1916b, 521.—Lane, 1917, IJMR, 435, 436.—Rail., 1915, 492; 1915, IVC, 735.

BUNOSTOMUM Rail., 1902b, 108-110 (tod. trigonocephalum Rud.=cernuus Crep.) (s. Monodontus Mol., 1861 [not Monodontus Linst.]).—Gedœlst, 1911a, 124, 125.—Hall, 1916a, 112.—Lane, 1917, IJMR, 419, 422, 435.—Linst., 1906, 92.—Looss, 1911a, 200, 201, 202.—Nev.-Lem., 1912a, 648.—Rail. & Henry, 1909b, 170; 1910, 312; 1912, v. 14, 565.—Rans., 1911 (127), 27, 28 (so. Monodontus) (type trigonoc.), 124 (recognized as valid).—Stiles, 1903, 14.—Stiles & Hass., 1905b, 91.

foliatum (Cobbold, 1882) Rail., Henry & Bauche, 1914, 130.

longecirratum (Linst., 1879) Rail. & Henry, 1909b, 170; 1910, 312.—Gedœlst, 1911a, 125 (in yak).—Nev.-Lem., 1912a, 743.—Lane, 1917, IJMR, 419.—Rans., 1911 (127), 34, 124.

kashinathi Lane, 1917, IJMR, v. 4, 414-418, figs. 7, 8-12 (in *Capra hircus*; India).

phlebotomum Linst., 1906, v. 43 (1), 91 (misprint for *phlebotomum*).

phlebotomum (Rail., 1900) Rail., 1902b, 108-109 (2-3) (s. *Str. radiatus* Rud. of Schneid., 1866a, 139, not of Gurlt, 1831) (in Zebu, *Bos taurus*; Indes anglaises); 1908d, 351; 1915, 492; 1915, IVC, 735 (in ox, zebu) Boynton & Wharton, 1916, 351 (in B. t.; P. I.).—Gedœlst, 1911a, 125 (in calf and zebu).—Lane, 1917, IJMR, 419.—Nev.-Lem., 1912a, 743.—Rail. & Henry, 1909b, 170; 1910, 312; 1913, 509.—Rans., 1911a, 31, 124.—Stiles, 1902, 189; 1903k (1), 17.

radiatum ([Rud.] of Schneid., 1866) Linst., 1906, CfB, 91-92, fig. 6, 8 (s. Bunost. *phlebotomum*, Ankylost. *bovis*) (in *Bos taurus*, *B. indicus*).—Fiebiger, 1912a, 290.—Rans., 1911a, 31 (so. *Monodontus phlebotomus*).—Seifert, 1910, VcSNTmp, 1-67, figs. 1-2.

trigonocephalum (Rud., 1808) Rail., 1902b, 108 (in mouton); 1915, 492; 1915, IVC, 735 (in goat, sheep).—Blgr., 1914, P, v. 7 (3), 242 (s. *Unc. cernua*) (in sheep; Birmingham, Eng.); 1915, P. 135.—Brumpt, 1910a, 364; 1913a, 427.—Cortelezzi, 1914, 48.—Craig, 1915, 498.—Fiebiger, 1912a, 289.—Gedœlst, 1911a, 125 (in goat & sheep).—Hut. & Mar., 1913b, 508.—Ihle, 1917, 165, 167.—Lane, 1917, IJMR, 414-ff, pl. 32 figs. 1-5, pl. 33 fig. 6 (in sheep).—Mote, 1914, Bull. 280, 27, 28.—Nev.-Lem., 1912, P, 742.—Rail. & Henry, 1909b, 170; 1910, 312.—Rans., 1911a, 27, 30, 124.—Seur., 1913, 76.—Stiles & Hass., 1905b, 91.—Wolffh., 1911, 75.

BUSTOMEÆ Lane, 1917, IJMR, 420, 421, 422 (s. *Bustomidi*).

BUSTOMIDI Lane, 1917, IJMR, 420, 422 (s. *Bustomeæ*).

BUSTOMUM Lane, 1917, IJMR, 419, 420, 421, 422 (tod. *Bunostomum phlebotomum*).

CACULLANUS Raf., 1815a, 151 (misprint for *Cucullanus*).—Stiles & Hass., 1905b, 150.

CALODIUM Duj., 1845a, 4, 25-29 [type ? *annulosum*].—Bail., 1866b, 74.—Dav., 1877, ciii.—Eberth, 1863, 44.—Hall, 1916a, 33 (so. *Capillaria*).—Mol., 1858, 156; 1861c, 326; 1861, 13, 191.—Rans., 1911 (127), 117 (so. *Cap.*) (type ? *annulosum*).—Stiles & Hass., 1905b, 91.

alatum Mol., 1858d, 157 (in *Mustela putorius*; Padua); 1861c, 327, 329, pl. 15 fig. 9-10 (in *M. p.*; *M. foina*, *M. vulg.*); 1861, 191.—Dies., 1861a, 690 (in *M. p.*; *P.*); 1861, 279.—Stoss., 1890, 7 (to *Trichosoma*).

CALODIUM—Continued.

- annulosum* Duj., 1845a, 27 (in *Mus rattus*, *M. decumanus*; Rennes).—Hall, 1916a, 35 (to Cap.).—Mol., 1861, 192.—Rail., 1889p, 67 (to *Trichosoma*) (*Calodium*) (in rat, surmulot).—Rans., 1911 (127), 117.—Stiles & Hass., 1905b, 91.
- caudinflatum* Mol., 1858 (1859e), 302 (in *Perdix coturnix*; Padua); 1861c, 330, pl. 15 fig. 17–18; 1861, 193 (in P. c.; P.).—Dies., 1861a, 690; 1861, 279.—Shipley, 1911, 214 (so. *Trichosoma longicolle*).—Stoss., 1890, 7 (to *Trichosoma*).
- convolutum* Fourm., 1885a, 703–705 (in intest. *Ossifraga gigantea*; by Fourm.).—Trav., 1915, 152 (to *Capillaria*).
- longifilum* Duj., 1845a, 27–28 (in *Accentor modularis*; Rennes).—Mol., 1861, 195.—Stiles & Hass., 1905b, 91.
- mucronatum* Mol., 1858d, 157 (in *Mustela foina*; Padua); 1861c, 328, 329, pl. 15 fig. 16 (in M. f.; P.); 1861, 194.—Dies., 1861a, 690; 1861, 279.—Stoss., 1890, 8 (to *Trichosoma*).
- ornatum* (Duj., 1843) Duj., 1845a, 28, pl. 1 fig. B (in *Anthus pratensis*; Rennes).—Mol., 1861, 193–194.—Stiles & Hass., 1905b, 91.
- papillosum* Polonio, 1860b, 23 (in *Mus rattus*; Padua).—Hall, 1916a, 37 (to *Capillaria*).
- plica* (Rud., 1819) Duj., 1845a, 26–27 (s. *Trichosoma plica*?, *T. canis-vulpis*) (in renard, by Valenciennes; in loup, by Rud.; in renard et chien by Bellingh., 1840, 349).—Bail., 1866b, 74.—Dies., 1861a, 689 (in *Canis vulpes*; Padua); 1861, 279.—Mol., 1858, 157; 1861c, 328–329, pl. 15 figs. 11–15 (in C. fam., C. v.); 1861, 192–193.—Rail., 1893a, 485 (to *Trichosoma*).—Stiles & Hass., 1905b, 91.—Ward, 1895a, 342 (in C. fam.).
- splenaceum* Dies., 1851a, 255 for *splenæcum*, to *Trichosomum* (*Calodium*).
- splenæcum* (Duj., 1843) Duj., 1845a, 25–26, pl. 1 fig. A (in *Sorex araneus*; Rennes).—Mol., 1861, 194.—Rail., 1889p, 67 (*splenæcum*) (in *Musaraignes*).—Stiles & Hass., 1905b, 91.
- splenæcum* (Schneid., 1866) Rail., 1889p, 67 (misprint for *splenæcum*).
- tenue* Duj., 1845a, 28–29 (s. *Trichosoma columbæ*) (in *Columba dom.*; Mus. Wien).—Bail., 1866b, 74.—Mol., 1861, 192.—Rail., 1893a, 485 (so. *Trichosoma tenuissimum*).—Stiles & Hass., 1905b, 91.—Stoss., 1898, 91.
- tenuissimum* Dies., 1851a, 256 to *Trichosomum* (*Calodium*).
- CALYPTONEMA Zool. Rec., 1878 (for 1876), v. 13, Verm., 18 (see *Calyptronema*).
- CALYPTRONEMA Mar., 1870a, 12–13 (mt. paradoxum).—Linst., 1876, 10.—Stiles & Hass., 1905b, 91.—Villot, 1875, 456.—See *Calyptonema*.
- paradoxum* Mar., 1870a, 12–13, pl. A fig. 2 (marine; Endoume).—Stiles & Hass., 1905b, 91.
- CAMACOLAIMUS Man, 1889b, 8 (mt. tardus).—Stiles & Hass., 1905b, 91.
- tardus* Man, 1889b, 8 (free; Walcheren Isl.); 1907, 87 (Zealand).—Stiles & Hass., 1905b, 91.
- CAMALLANIDÆ Rail. & Henry, 1915, BSPe, 452 (contains *Camallanus*); 1916, RMv, 521.
- CAMALLANUS Rail. & Henry, 1915, BSPe, 448 (tod. *elegans* Zed.=*Echinor. lacustris*); 1915, 273 (type *elegans*); 1915, v. 8 (7), 446–452.—Ward & Magath, 1917 (for 1916), JP, 58.
- ancylodirus* Ward & Magath, 1917 (for 1916), JP, 58, figs. 4, 10–11 (in German carp; Fairport, Ia.).
- confusus* Rail. & Henry, 1915, 451 (s. *Cucullanus dumerilii* Linst., 1897, not Perrier, 1871) (in *Emys* sp.; Zool. Gard. Hambourg).
- dumerilii* (Perrier, 1871) Rail. & Henry, 1915, 450 (in *Emys picta*; Mus. Par.).
- lacustris* (Ziega, 1776) Rail. & Henry, 1915, 449 (s. *Cucullanus elegans*) (in *Acerina cernua*, A. schraitzer, *Aspro zingel*, *Aspius rapax*, *Anguilla vulg.*, *Barbus fluvi.*, *Coregonus oxyrhynchus*, *Esox lucius*, *Leuciscus rutilus*, *Lota vulg.*, *Lucioperca sandra*, *Osmerus eperlanus*, *Perca fluvi.*, *Salmo salar*, *Salvelinus fontinalis*, *Silurus glanis*, *Tinca vulg.*, *Trutta trutta*, *Tr. lacustris*).—Seur., 1916, 298, 342, 359 (s. *Cucul. e.*, *Oxyuris velocissima*, Asc. v.) (in A. c., L. s., P. f.).
- læviconchus* (Wedl, 1861) Rail. & Henry, 1915, 449 (in *Synodontis schal*; Egypt).

CAMALLANUS—Continued.

- melanocephalus* (Rud., 1819) Rail. & Henry, 1915, 449–450 (in *Auxis bisus*, *Pelamys sarda*, *Scomber colias*, *Thynnus thynnus*; Nap., and near Equator).
microcephalus (Duj., 1845) Rail. & Henry, 1915, 450 (in *Emys lutaria*; Europe).—Seur., 1916, 342.
nigrescens (Linst., 1906) Rail. & Henry, 1915, 450 (in *Rana hexadactyla*).
oxycephalus Ward & Magath, 1917 (for 1916), JP, 59, fig. 8 (in white bass, black crappie; Fairport, Ia.).
papillifer (Mol., 1858) Rail. & Henry, 1915, 449 (in *Acipenser sturio*; Padua).
tridentatus (Drasche, 1884) Rail. & Henry, 1915, 449 (in *Vastres cuvieri*; Brazil).
trispinosus (Leidy, 1851) Rail. & Henry, 1915, 450 (in *Chelydra serpentina*, *Emys guttata*, *E. reticulata*, *E. serrata*).
undulatus Rail. & Henry, 1915, 451 (*Cucullanus viviparus* Linst., 1906, not Bloch, 1782, renamed) (in *Damonina revesii* et Cisternon; Mus. Koenigsb.).

CAPILLARIA Zed., 1800a, 5 (tsd. virtual tautonymy, *Trichoc. capillaris*=*C. tumida*) [not *Capellaria* Gistel, 1848; not *Capillaria* Haworth, 1828, lepidopt.].—Blainv., 1824a, 518.—Brumpt, 1911, CrAS, 907, 908 (in ceri; France).—Encycl. méth., Par., 1824, v. 2, 164.—Hall, 1916a, 19, 22, 33, 34, 35, 36, 37 (type *tumida*); 1916, RMv, 517.—Lamour., 1823a, 164.—Looss, 1902, 755.—Nordm., 1840, 660 (so. *Trichosoma*).—Raf., 1815a, 151 (g. of *Filaridia*).—Rail., 1893a, 484 (so. *Trichosoma*).—Rail. & Henry, 1911, 575.—Rans., 1911a, 15, 17, 20, 111, 117, 119, 120, 121 (s. *Trichosoma*, *Trichosomum*, *Calodium*) (type *tumida*).—Rud., 1801, 57; 1819a, 13.—Schneid., 1866a, 12, 15.—Skrj., 1916, 551–552.—Stiles & Hass., 1905b, 91.—Trav., 1915, MIOC, v. 7 (2), 147 (type *anatis*).

—, see also *Trichosoma*, *Trichosomum*.

- aerophila* (Crep., 1839) Rail., 1915, RMv, 505 to (*Eucoleus*); 1915, 744 (in cat).—Trav., 1915, 154 to (*Thominx*) (in *Vulpes vulpes*).
anatis (Schränk, 1790) Trav., 1915, 147, 148 to (Cap.) (in *Anser ferus*; *Harelda glacialis*, *Merganser castor*, *M. serratus*, *Oedemia fusca*, *Querquedula circia*) (designated genotype, cf. *tumida*).
angusta (Duj., 1845) Trav., 1915, 150 to (Cap.) (in *Fringilla cælebs*).
annulosa (Duj., 1845) Hall, 1916a, 33, 35–36, 38, fig. 42 (in *Epimys norvegicus*, *E. rattus*; Europe).
anulosa Trav., 1915, 150 to (Cap.) (in *Mus norvegicus*, *M. rattus*) (for *annulosa* Duj., 1845).
aurita Trav., 1914, 429; 1915, 153, 160, 161, pl. 25 fig. 9 to (Cap.) (in *Didelphis aurita*).
bacillata (Eberth, 1863) Trav., 1915, 155 to (*Thominx*) (in *Mus norvegicus*).—Hall, 1916a, 33, 34–35, 37, figs. 39–41 (in *M. musculus*).
blomei Trav., 1914, 429; 1915, 156 to (*Thominx*) (s. *Trichosoma papillosum* Blome 1909) (in *Tetrao urogallus*).
bombinatoris (Linst., 1892) Trav., 1915, 158 (in *Bombinator igneus*).
bovis (Schnyder, 1906) Rans., 1911a, 15, 117, 120, 121 (in *Bos taurus*; Switz.).—Trav., 1915, 158 (in B. t.).
breve (Linst., 1877) Trav., 1915, 157 (in *Totanus fuscus*).
brevipes Rans., 1911a, 15, 117–119, 122, figs. 147–149 (in *Ovis aries*; U. S. A.).—Trav., 1915, MIOC, 152 (in O. a.).
brevispicula (Linst., 1873) Trav., 1915, 151 to (Cap.) (in *Blicca bjoerkna*, *Lota vulg.*).
caprimulgi (Rud., 1819) Trav., 1915, 158 (in *Caprimulgus europæus*).
carbonis (Rud., 1819) Trav., 1915, 158 (in *Phalacrocorax carbo*).—Skrj., 1916, 554 (in P. c.; Talaas River).
charadrii (Rud., 1819) Trav., 1915, 158–159 (in *Aegialitis dubia*, *Himantopus himantopus*).
chrysotidis (Walter, 1866) Trav., 1915, 157 (in *Ohrysotis amazonica*) [to (Cap.)].
collare (Linst., 1873) Trav., 1915, 155 to (*Thominx*) (in *Gallus dom.*).
columbæ (Rud., 1819) Trav., 1915, 159 (in *Columba livia dom.*).

CAPILLARIA—Continued.

- contorta* (Crep., 1839) Trav., 1915, 154–155, 160, 162, pl. 25 fig. 11 to (Thominx) (in *Accipiter nisus*, *Alle alle*, *Aegialitis hiaticola*, *Buteo vulg.*, *Corone corone*, *C. cornix*, *Corvus monedula*, *Erethacus rubecula*, *Larus canus*, *L. ridibundus*, *Nettion crecca*, *Pavoncella pugnax*, *Recurvirostra avocetta*, *Ruticilla tithys*, *Sterna maxima*, *Sturnus vulg.*, *Trypanocorax frugilegus*, *Vanellus vanellus*).—Skrj., 1916, 552–553, 554, pl. 8 fig. 59 (in *Corvus corone*, *C. frugilegus*).
- convoluta* (Fourm., 1885) Trav., 1915, 152 to (Cap.) (in *Ossifraga gigantea*).
- corvi-monedulae* C. E. V. in Baird, 1853a, 105.
- corvorum* (Rud., 1819) Trav., 1915, 159 (in *Corvus monedula*, *Nucifraga caryocatactes*, *Pica pica*).
- crotali* (Rud., 1819) Trav., 1915, 159, 160 (in *Crotalus terrificus*).
- crotali-durissi* C. M. V., in Par., 1897c (d), 380 (1) (so. *Trichosoma crotali*).
- crypturi* (Rud., 1819) Trav., 1915, 159, 160 (in *Tinamus tao*).
- crysotidis* (Walter, 1866) Trav., 1915, 160 (for *chrysotidis*) to (Cap.) (in *Crysotis amazonica*).
- curvicauda* (Duj., 1845) Trav., 1915, 150 to (Cap.) (in *Hirundo rustica*, *Micropus apus*).
- cylindrica* (Eberth, 1863) Trav., 1915, 157 (in *Buteo vulg.*).
- dispar* (Duj., 1845) Trav., 1915, 155 to (Thominx) (in *Buteo vulg.*, *Falco subbuteo*).
- droummondi* Trav., 1915, 153, 160, 161, 162, pl. 25 fig. 8 to (Cap.) (in *Cygnus melanocoryphus*; Zool. Gard. Rio de Janeiro).
- dubia* Trav., 1917, Bm, 149 (in *Atilla cinerea*) to (Thominx).
- dujardini* Trav., 1914, 429; 1915, 153, 160–161, pl. 24 fig. 6 to (Cap.) (in *Columba livia*, *C. l. dom.*, *Zenaidura carolinensis*).
- entomelas* (Duj., 1845) Trav., 1915, 150 to (Cap.) (in *Mustela foina*, *Putorius putorius*).
- erinacea* Trav., 1915, 159 (for *erinacei* Rud., 1819a) (in *Erinaceus europæus*).
- exigua* (Duj., 1845) Trav., 1915, 150 to (Cap.) (in *Erinaceus europæus*).
- exile* (Duj., 1845) Trav., 1915, 151 to (Cap.) (in *Merula merula*).
- falconua* Trav., 1915, 153 (for *falconum* Rud., 1809) to (Thominx) (in *Aceipter nisus*, *Buteo vulg.*, *Circus cyaneus*, *Circus pygargus*, *Milvus icinus*).
- felis-cati* (Dies., 1851a) Rail., 1915, RMV, 511; 1915, IVC, 748 (in *cat*).—Trav., 1915, 156 (in *Felis catus*, *F. c. dom.*).
- filiforme* Trav., 1915, 156 to (Thominx) (for *filiformis* Linst., 1885) (in *Triton alpestris*, *T. cristatus*).
- fringillæ* (Rud., 1819) Trav., 1915, 159 (in *Fringilla cœlebs*).
- fritschii* Trav., 1914, 429; 1915, 158 (s. *Trichosoma papillosum* Fritsch, 1886, nec Wedl, 1850) (in *Malapterurus electricus*).
- gracille* Trav., 1915, 154 to (Thominx) (in *Merlucius escul.*, *M. vulg.*) (for *gracile* Bellingh., 1840).
- hepatica* (Bancroft, 1893) Trav., 1915, 158, 160, pl. 24 figs. 4–5 (in *Mus norwegicus*, *M. musculus*).
- hirundinæ* Trav., 1915, 159 (for *hirundinis* Rud., 1819) (in *Hirundo rustica*).
- hydrocheri* Trav., 1916, Bm, 314 to (Thominx) (in *Hydrocherus capibara*; Rio de Janeiro).
- incrassata* (Dies., 1851) Trav., 1915, 151 to (Cap.) (in *Sorex araneus*).
- inflexa* (Rud., 1819) Trav., 1915, 148 to (Cap.) (in *Monticola cyanus*, *Turdus viscivorus*).
- leidyella* Trav., 1915, 153 to (Cap.) (s. *Trichosoma picorum* Leidy, 1856, not Rud., 1819) (in *Colaptes maximus*).
- leidy* Trav., 1914, 429; 1915, 158 (s. *Trichosoma tenuissimum* Leidy, 1891, not Rud., 1819, not Dies., 1851) (in *Mus norwegicus*).
- lemmi* (Dies., 1851) Trav., 1915, 156 (in *Microtus terrestris*).
- leporis* (Dies., 1851a) Trav., 1915, 156 (in *Lepus timidus*) [quotes Duj. as author, see, however, Duj., 1845a, 12, which refers to *Fil. leporis pulmonalis* Rud., 1819a, 216].

CAPILLARIA—Continued.

- lineare* (Leidy, 1856) Trav., 1915, 158 (in *Felis catus* dom.).
- linstowi* Trav., 1914, 429; 1915, 153 (s. *Trichosoma capillare* Linst., 1882, not Rud., 1809) to (Cap.) (in *Crocidura russulus*, *Talpa europæa*).
- logipes* Trav., 1915, 152 (misprint for *longipes*) to (Cap.) (in *Antilocapra americana*, *Ovis aries*).
- longecolle* Trav., 1915, 148–149 (for *longicolle* Rud., 1819) (Cap.) (in *Chrysolophus pictus*, *Coturnix coturnix*, *Gallus dom.*, *Lagopus scoticus*, *Lyrurus tetrax*, *Perdix perdix*, *Phasianus colchichus*, *Tetrao urogallus*).
- longevaginata* (Linst., 1879) Trav., 1915, 152 to (Cap.) (in *Alauda arvensis*).
- longifila* (Duj., 1845) Trav., 1915, 151 to (Cap.) (in *Accentor modularis*).
- longipes* Rans., 1911a, 15, 117, 119–120, 122, figs. 150–152 (in *Antilocapra americana*, *Ovis aries*; U. S. A.).
- longispicula* (Sons., 1889) Trav., 1915, 152 to (Cap.) (in *Python molurus*).
- manica* (Duj., 1845) Trav., 1915, 155 to (Thominx) (in *Fringilla cœlebs*).
- meleagris* Trav., 1915, 156 to (Thominx) (s. *Trichosoma meleagris gallopavo* Barile 1912) (in *Meleagris gallopavo*).
- mingazzinii* (Rizzo, 1902) Trav., 1915, 152 to (Cap.) (in *Tropidonotus natrix*).
- modigliani* Trav., 1915, 158 (in *Lachesis sumatranus*) (for *modiglianii* 1897).
- mucronata* (Mol., 1858) Trav., 1915, 151 to (Cap.) (in *Mustela foinea*).
- murinæ* Trav., 1914, 429; 1915, 153, 160, 161, pl. 26 fig. 12 to (Cap.) (in *Eunectes murina*).
- muris-musculi* (Dies., 1861) Trav., 1915, 157 (in *Mus musculus*).
- muris-sylvatici* (Dies., 1851) Trav., 1915, 157 (in *Mus sylvaticus*).
- myoxi-nitela* (Dies., 1851) Trav., 1915, 157 (in *Eliomys quercinus*).
- obtusiuscula* (Rud., 1819) Trav., 1915, 149 to (Cap.) (in *Grus grus*).
- ornata* (Duj., 1843) Trav., 1915, 149 to (Cap.) (in *Anthus pratensis*).
- ovopunctata* (Linst., 1873) Trav., 1915, 151 to (Cap.) (in *Sturnus vulg.*).
- pachyderma* (Linst., 1877) Trav., 1915, 155 to (Thominx) (in *Podiceps fluviatilis*).
- pachykeramota* (Wedl, 1856) Trav., 1915, 151 to (Cap.) (in *Felis tigrina*).
- papillifer* (Linst., 1877) Trav., 1915, 155 to (Thominx) (in *Chelidoni urbica*, *Hirundo rustica*).
- papilligera* Rail. & Henry in Blome, 1911, RMv, 390 (*Trichosoma papillosum* Blome, not Wedl, renamed) (in *Tetrao urogallus*).
- papillosa* (Polonio, 1860) Trav., 1915, 158 (in *Mus norwegicus*).—Hall, 1916a, 33, 37 (in *Epimys rattus*; Italy).
- parile* (Kowal., 1903) Trav., 1915, 156 to (Thominx) (in *Bubo ignavus*).
- parvumspinosa* Rail. & Henry, 1911, v. 58, 575–576 (in *Rhea americana*; Paris Mus.).
- picorum* (Rud., 1819) Trav., 1915, 159 (in *Dendrocopus major*, *Gecinus cinus*, *G. viridis*).
- plica* (Rud., 1819) Rail., 1915, RMv, 511; 1915, IVC, 748 (in dog).—Trav., 1915, 149 (in *Canis fam.*, *Vulpes vulpes*).
- protracta* (Duj., 1845) Trav., 1915, 157 (in *Vanellus vanellus*).—Skrj., 1916, 554 (in *V. cristatus*).
- “*pulmonalis* (Frœl., 1802) Rud., 1819a.”—Hall, 1916a, 163 (to *Synthetocaulus*).
- pusilla* Trav., 1914, [nv.]; 1915, 153 (for *pusilla*) to (Cap.) (in *Sturnira lilium*).
- pusilla* Trav., 1914, 429; 1915, 161, pl. 24 fig. 7 (in *Sturnira lilium*).
- putorii* (Rud., 1819) Trav., 1915, 159 (in *Putorius putorius*).
- ransonia* Barker & Noyes, 1915, JP, v. 1 (4), 197 (in *Fiber zibethicus*; Nebraska).—Hall, 1916a, 33, 34, figs. 37, 38 (in *Ondatra zibethica*; U. S. A.).—Trav. 1915, 153 to (Cap.) (in *F. z.*).
- recurva* (Solger, 1877) Trav., 1915, 158 (in *Crocodilus americanus*).
- resecta* (Duj., 1843) Trav., 1915, 150 to (Cap.) (in *Colceus monedula*, *Garrulus glandarius*, *Nucifraga caryocatactes*, *Trypanocorax frugileus*).
- retusa* (Rail., 1893) Trav., 1915, 152, 160, pl. 26 fig. 13 to (Cap.) (in *Gallus dom.*, *Numida meleagris*).

CAPILLARIA—Continued.

- rigidula* (Duj., 1845) Trav., 1915, 151 to (Cap.) (in *Accentor modularis*).
rubra (Lint., 1892) Trav., 1915, 157 (in *Spizilla socialis*).
schmidtii Hall, 1916a, 33, 36, 37–38, figs. 43–45 (for *schmidtii*) (in *Epimys norvegicus*; Germany).
schmidtii (Linst., 1874) Trav., 1915, 152 to (Cap.) (in *Mus norvegicus*).
semiteres Zed., 1803a, 61 (in *Gallus dom.*; lng.).—Hass., 1896a, 5, 6 (so. *Trichosoma longicolle* Rud.).—Mol., 1861, 320 (so. *Trich. annulatum*).—Rud., 1809a, 84 (so. *Hamularia nodulosa*).—Stiles & Hass., 1905b, 91.
simile (Kowal., 1903) Trav., 1915, 152 to (Cap.) (in *Turdus pilaris*).
sonsinoi (Par., 1897) Trav., 1915, 158 (in *Zamenis gemonensis*).
speciosa (Ben., 1873) Trav., 1915, 151 to (Cap.) (in *Vespertilio dasycneme*, V. *daubentonii*, V. *nattereri*, *Vesperus murinus*, V. *serotinus*).
spinulosa (Linst., 1890) Trav., 1915, 156 to (Thominx) (in *Nyroca ferina*).
spirale (Mol., 1858) Trav., 1915, 157 (in *Plegadis falcinellus*).
splenacea (Dies., 1851) Trav., 1915, 149–150 to (Cap.) (in *Crocidura russulus*).
striata (Linst., 1879) Trav., 1915, 155 to (Thominx) (in *Accipiter nisus*).
strumosa (Reibisch, 1893) Trav., 1915, 156, 162, pl. 26 fig. 14 to (Thominx) (in *Gallus dom.*, *Phasianus colchicus*).
talpæ (Sieb., 1850) Trav., 1915, 157 (in *Talpa europæa*).
tenuis (Duj., 1845) Trav., 1915, 155 to (Thominx) (in *Erinaceus europæus*).
tenuissima (Rud., 1803) Trav., 1915, 153–154 to (Thominx) (in *Archibuteo lagopus*, *Asio otus*, *Bubo ignavus*, *Carine noctua*, *Glaucidium passerinum*, *Nyctale tengmalmi*, *Syrnium aluco*, *Strix flammea*).
tomentosa (Duj., 1843) Trav., 1915, 156 (in *Cyprinus* sp. ?, *Idus melanotus*, *Scardinius erythropth.*).
totani (Linst., 1875) Trav., 1915, 155 to (Thominx) (in *Tringoides hypoleucos*).
tridens (Duj., 1845) Trav., 1915, 155 to (Thominx) (in *Eriihacus lusciniæ*).
triloba (Linst., 1875) Trav., 1915, 155 to (Thominx) (in *Vanellus vanellus*).—Skrj., 1916, 553, 554 (in V. *cristatus*; Aoulié-ata).
tritonis-cristati (Dies., 1861) Trav., 1915, 157 (in *Triton cristatus*).
tritonis-punctati (Dies., 1851) Trav., 1915, 157 (in *Triton punctatus*, *Triton tæniatus*).
tuberculata (Linst., 1914) Trav., 1915, 153 to (Cap.) (in *Acipenser ruthenus*).
tumida Zed., 1803a, 61, pl. 1 figs. 8–9 (s. *Trichoc. anatis* 1790) (in *Anas querquedula*; by Zed.).—Baird, 1853, (so. *Trichosoma brevicolle* Duj.).—Hall, 1916a, 33.—Rans., 1911a, 117 (s. T. b.).—Rud., 1809a, 86 (so. *Trichoc. capillaris*).—Stiles & Hass., 1905b, 91.
turdi (Rud., 1819) Trav., 1915, 159 (in *Geocichla mollissima*).
vanelli (Rud., 1819) Trav., 1915, 159 (in *Vanellus vanellus*).
vespertilionis (Rud., 1819) Trav., 1915, 159 (in *Vespertilio noctula*).
CAPILLARIINÆ Rail., 1915, RMv. 494 (contains Cap.); 1915, IVC, 736.—Hall, 1916a, 19 (so. *Trichurinæ*); 1916, RMv, 518.
CAPSULARIA Zed., 1800a, 5, 7–15 (tsd., tat., Asc. *capsularia*=*salaris*) [not *Capsularia* Oken. 1815, coleopt.].—Bischoff, 1840a, 242.—Blainv., 1824a, 513.—Rep., 1846, 166.—Criv., 1845a, 5.—Lamour., 1823a, 178.—Looss, 1902, 755.—Raf., 1815a, 151 (g. of *Filaridia*).—Rud., 1801a, 56–57.—Schneid., 1866a, 12.—Scudd., 1884a, 53.—Stiles & Hass., 1899, 103; 1905b, 92.
halcies Bischoff, 1840a, 242 (misprint for *halceis*).
halceis (Gmel., 1790) Zed., 1800a, 13–15, pl. 1 figs. 1–6; 1803a, 56.—Baird, 1853a, 7 (so. *Fil. marina*).—Bischoff, 1840a, 242 (*halcies*).—Nordm., 1840, 668 (so. *Fil. capsularia*).—Owen, 1835, 318.—Rud., 1802a, 3; 1809a, 61 (so. F. c.).—Seur., 1916, 353.—Stiles & Hass., 1905b, 92.
salaris (Gmel., 1790) Zed., 1800a, 10–12.—Dies., 1851a, 163 (so. *Asc. capsularia* Rud.).—Owen, 1835, 318.—Rud., 1802a, 27; 1809a, 179 (so. A. c.).—Seur., 1916, 353.—Stiles & Hass., 1905b, 92.
trinodosa Zed., 1803a, 55–56 (s. *salaris* 1800, *Asc. capsularia*) (in *Salmo salar*).—Baird, 1853 (so. *Asc. caps.*).—Bischoff, 1840a, 242.—Crep., 1846b, 166 (so. A.).—Dies., 1851a, 163 (so. A. c.).—Owen, 1835, 318.—Rud., 1809a, 179 (so. A. c.).

- Capsulaire (French vernacular for Capsularia).—Blainv., 1824a, 513.
- CARNOYA Gilson, 1898a(b), 335–369 (1–35) (mt. vitiensis).—Stiles & Hass., 1905b, 92.—Rail. & Henry, 1916, CrSB, 115; 1915, CrSB, 250.
- vitiensis* Gilson, 1898a(b), 335–369 (1–35), 1 pl. figs. 1–23 (in *Julus solomonensis*; Fiji); 1898c, 567–588; 1903a, 49–50.—Rail. & Henry, 1916, CrSB, 115.—Stiles & Hass., 1905b, 92.
- CENTRORYHNCHIDÆ Van Cleave, 1916, TAMS, 227–228 (contains Centror., Medior.).
- CENTRORHYNCHUS Lûche, 1911a, 10, 41–42 (new name for Paradoxites Lindem. [nec Golaf]=Chentrosoma Porta pars) (mt. aluconis); 1912, ZJ, v.1, 274.—Skrj., 1913, ZJ, 409.—Van Cleave, 1916, TAMS, v. 35 (4), Oct., 221–223.
- aluconis* (Muëll., 1780 or 1784) Lûche, 1911a, 42–43, figs. 54–57 (in *Circus aeruginosus*, *Haliaëtus albicilla*, *Mergus albellus*; larva in *Hyla arborea*, *Tropidonotus natrix*, *Rana escul.*).—Bieler, 1914, ZA, v. 43(9), 415 (s. *Echinor. tenuicaudatus* Marotel).—Kostylew, 1914, ZA, 186.
- bipartitus* Soloviev, 1912, 87, 90–91, figs. 1–4 (in *Corvus frugilegus*; Turkestan).
- buteonis* (Schränk, 1788) Kostylew, 1914, ZA, 186.
- lancea* (Westrumb, 1821) Skrj., 1913, ZJ, 409–410, pl. 15 fig. 2 pl. 16 figs. 8, 9, 12 (in *Aegialites cantianus*, *Uculus canorus*, *Charadrius pluvialis*, *Eudromias morinelli*, *Himantopus himantopus*, *H. plinii*, *Oedicnemus oedicnemus*, *Pavonella pugnax*, *Vanellus cristatus*, *V. capella*).—Kostylew, 1914, ZA, 186.
- leguminosus* Soloviev, 1912, 87, 91–92, figs. 5–6 (in *Corvus cornix*; Turkestan).
- spinosus* Van Cleave, 1916, 223–224, 230, pl. 37 figs. 1–3 (in *Herodias egretta*; by Hass.).
- tumidulus* (Rud., 1819) N., C., & T., 1914, 185–186, pl. 26 fig. 5 (Chentror.) (in *Ameiva surinamensis*, *Crotophaga ani*, *Leptodactylus ocellatus*, *Pisorhina choliba*, *Rupornis magnirostris*, *Tejus teguexim*, *Tropidurus torquatus*).
- CENTROSOMA Lûche, 1912, ZJ, 273 (for Chentrosoma).
- CEPHALACANTHUS Dies., 1853a, 34–35 (tsd. probably monacanthus) [not Cephalacanthus Lac., 1802, fish].—Seur, 1916, 354.—Stiles & Hass., 1905b, 92.
- monacanthus* Dies., 1853a, 35 (s. *Nematoideum tenebrionis-molitoris*) (in *Tenebrio molitor*; by Stein).—Seur., 1916, 354 (larva of *Protospirura muris*) (in T. m.).—Stiles & Hass., 1905b, 92.
- triacanthus* Dies., 1853a, 35 (s. *Nematoideum geotrupis-stercorarii*) (in *Scarabæus* (*Geotrupes*) *stercorarius*; by Stein).—Seur, 1916, 354 (larva of *Physoccephalus sexalatus*) (in G. s.).—Stiles & Hass., 1905b, 92.
- CEPHALOBUS Bast., 1865c, 94, 124–125 (tsd. persegnis).—Aur., 1883, 5.—Bos, 1891, 8, 10.—Bütsch., 1873a, 77–80.—Cobb, 1888a, 33; 1893a, 829–830 (52–53); 1893b, 288–289 (39–40); 1916, JP, v. 2, 195.—Ditlevsen, 1912, 215.—Hofmæn, 1913, 621–622.—Jægers., 1909, 6, 19–20.—Linst., 1909a, 81.—Man, 1876a, 139–140; 1876b, 62–63.—Menz., 1914, AN, 54.—Oerley, 1880, 67, 78–79; 1880, 175; 1885, v. 21(1), 68.—Rollet., 1870a, 137.—Stefanski, 1915, ZA, 346–349, figs. 1–6.—Stiles & Hass., 1905b, 92.
- aculeatus* Daday, 1905, Z, v. 18, 63–64, pl. 5 figs. 1–3 (in fresh water; Paraguay); 1905, v. 23, 326–327.
- alpinus* Micol., 1913, SAW Wien, 115–116 (aquatic; Lunz, Mittersee, Ostalpen); 1914, ZJ, v. 36, 447–449, pl. 15–16 figs. 18a–c (in fresh water; Lunz, etc.).
- appendiculatus* (Schneid., 1859) Oerley, 1885, v. 21 (1), 69–72.—Linst., 1887d, 113 to (*Leptodera*).—Mordw., 1908, v. 13 (1–2), 173.
- bipapillatus* Stefanski, 1915, ZA, 347, figs. 1a–b (River Czarna, Pologne).
- brachyuris* Daday, 1908, Mte, v. 26, 16–17, fig. 18a–b; 1910, Z, v. 23, 49–50, pl. 2 figs. 25–27 (Jippe-See).
- brevicaudatus* Zimmermann, 1898, v. 27, 46–49, 60–64, fig. 14 (on coffee roots).—Faber, 1909, v. 23 (6–9), 218 (on roots of coffee plant.).
- bursifer* Man, 1876a (b), 142–144 (65–67), pl. 8 figs. 28a–g (Leiden).—Oerley, 1880a, 79, 82, 176, pl. 2 fig. 11.—Silva Araujo, 1878b, 53.
- bütschlii* Man, 1884a, 92 [nv.].—Hofmæn. & Menz., 1915, 164–165.—Linst., 1887d, 112–113, pl. 2 fig. 15 (in *Succinea amphibia*); 1909a, 81 (in *S. putris*).—Menz., 1913, ZA, 413; 1914, AN, 32, 54, 82, 83 (in *S. a.*).—Steiner, 1916, ZA, 348.

CEPHALOBUS—Continued.

- cephalatus* Cobb, 1901, 1115-1117, fig. 1 (on roots of Passion vine; N. S. W.).
- ciliatus* (Linst., 1877) Marcinowski, 1909, v. 7 (1), 33.—Menz., 1914, AN, 75.
- dubius* Maupas, 1900a, 555-563, pl. 23 figs. 14-16, pl. 24 figs. 1-2 (in terreau; Algeria).—Krüger, 1913, ZwZ, 118.—Menz., 1914, AN, 55.
- elongatus* Man, 1880a, 41-42 (in moist soil; Holland).—Bos, 1889, 321.—Brakenhoff, 1914, v. 22, 290-291.—Cobb, 1888a (b), 28 (68) (in fresh excreta of Weinbergsschnecke).—Ditlevsen, 1912, 337-338.—Jægers., 1909, SFD, 20, fig. 24 (Europe).—Marcinowski, 1909, 41.
- emarginatus* Man, 1880a, 42 (in moist soil; Wałcheren).—Jægers., 1909, SFD, 20-21, fig. 25 (Holland, Hungary).
- filicaudatus* Cobb, 1906, 165, 191-192 (about roots of diseased cane; Hawaii).
- filiformis* Man, 1880a, 42-43 (in moist soil; Holland).—Hofmæn., 1913, 622.—Hofmæn. & Menz., 1915, 164.—Menz., 1914, AN, 54.—Micol., 1914, ZJ, 446-447.
- gracilis* Oerley, 1880a (b), 79, 175 (67, 163), pl. 2 figs. 9a-b.
- hawaiiensis* Cobb, 1906, 165, 192-193 (Hilo, H. I.).
- infestans* Cobb, 1893b, 289 (40), pl. 39 figs. 1-4 (among sheath of diseased banana plants; Fiji).
- insubricus* Steiner, 1914, AHP, 422-423, figs. 3-5 (bei Bellizona, Switz.).
- latus* Cobb, 1906, 165, 190-191 (about roots of diseased cane; Hilo, H. I.).
- lentus* Maupas, 1900a, 563-567 (in terre sablonneuse; Sud-Oranais).—Krüger, 1913, ZwZ, 118.
- loczyi* Daday, 1894, Mte, v. 12, 137-138; 1897, v. 2 (1), 101, figs. 86-88 (aquatic; Balaton); 1898, 52.—Jægers., 1909, SFD, 19 (Hungary).—Menz., 1914, AN, 54.
- longicaudatus* Büetsch., 1873a, 82-83, pl. 7 fig. 46d [Germany].—Daday, 1905, v. 23, 326.—Faber, 1909, v. 26 (6-9), 218 (in roots of coffee plants), 219.—Hewitt, 1913, 147, 149, figs. 3-5.—Oerley, 1880, 79.—Zimmermann, 1898, 49, fig. 15.
- longicollis* Daday, 1899, Mte, v. 17, 569.
- multicinctus* Cobb, 1893a, 829-830 (52-53) (about roots of sugar cane; N. S. W.).
- nanus* Man, 1880a, 39 (in moist soil; Holland).—Bos, 1891, 13.—Hofmæn. & Menz., 1915, 165.—Menz., 1913, ZA, 413; 1914, ZA, 32, 54, 55, 82, 83, 90.
- oxguris* Büetsch., 1873a, 18 (misprint for oxyuris).
- oxyuris* Büetsch., 1873a, 81-82, pl. 7 fig. 42, pl. 8 figs. 49a-c (in roots; Germany).—Bos, 1891, 9 (so. rigidus); 1891, 14; 1892, 553.—Marcinowski, 1909, v. 7 (1), 33.—Oerley, 1880a, 79, 80 (so. rigida Schneid.).
- oxyuroides* Man, 1876a (b), 140-141 (63-64), pl. 7 figs. 26a-b (Leiden).—Bos, 1908, 66.—Micol., 1913, 11; 1914, ZJ, 445-446.—Oerley, 1880a (b), 79-80, 176 (164).—Silva Araujo, 1878b, 53.
- palustris* Daday, 1908, Mte, v. 26, 17-18, figs. 19a-b; 1910, Z, v. 23, 50-51, pl. 2 figs. 28-31 (in fresh water; Burz-Sumpf).
- persegnis* Bast., 1865c, 124-125, pl. 10 figs. 104-106 (in sheaths of leaves of wheat-stalks; Broadmoor, Berks).—Büetsch., 1873a, 80-81, fig. 51 (in roots; Germany).—Ditlevsen, 1912a, 238, 243.—Marcinowski, 1909, v. 7 (1).—Menz., 1913, ZA, 413; 1914, AN, 54 (so. bütschlii).—Oerley, 1880a, 79, 81.—Stiles & Hass., 1905b, 92.
- rigida* (Schneid., 1866) Oerley, 1880a (b), 80-81 (68-69) (s. oxyuris).
- rigidus* (Schneid., 1866) Oerley, 1885, Mtk, v. 21 (1), 68-69.—Bos, 1889, 321; 1891, 14; 1892, 553, 554.
- setosus* Cobb, 1914, TAMS, v. 33 (2), 72, 103-105 (38, 69-71) (in cranberry bog; Arlington Farm, Va.).
- similis* Cobb, 1893b, 288-289 (39-40) (on lettuce; Australia).
- species* Cobb, 1905, 194-195 (about base of diseased cane; Hawaii).
- stagnalis* Daday, 1897, v. 2 (1), 112, figs. 103-104 (free; Balaton).—Jægers., 1909, 19.—Menz., 1914, AN, 54.
- striatus* Bast., 1865c, 125, pl. 10 figs. 107-108 (about rootlets of wheat; Broadmoor, Berks).—Büetsch., 1873a, 81, figs. 50a-c (on roots of Plantago; Germany).—Cobb, 1888a, 33.—Hewitt, 1913, 147, 148, figs. 1-2.—Man, 1876a, 141-142; 1876b, 64-65, pl. 7 figs. 27a-b (Leiden).—Marcinowski, 1909, 41.—Micol., 1914, ZJ, 444-445, pl. 15 figs. 17a-b.—Oerley, 1880a, 79, 81.—Stefanski, 1916 ZA, 368.—Stiles & Hass., 1905b, 92.

CEPHALOBUS—Continued.

subelongatus Cobb, 1914, v. 33 (2), 72, 102–103 (38, 68–69, 98), pl. 8 fig. 22 (in moss; Douglas Lake, Mich.).

uncatus Daday, 1908, Mte, v. 26, 18–19, figs. 20a–b; 1910, Z, v. 23, 51, pl. 2 figs. 32–34 (in fresh water; Jippe-See).

verilliger Man, 1880a, 43–44 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 166.—Menz., 1913, ZA, 413; 1914, AN, 32, 55, 82, 83.—Steiner, 1914, AHP, 422.

verilliger kerguelensis Steiner, 1916, ZA, v. 46, 323, 324–325, figs. 5a–b (free; Kerguelen).

CEPHALONEMA Cobb, 1893a, 825 (48) (mt. longicauda) [not Cephalonema Stimp., date ? [ante 1884] worm].—Stiles & Hass., 1905b, 92.—[See Nanonema].

longicauda Cobb, 1893a, 825 (48), fig. 41 (about roots of sugar cane; N. S. W.).—Stiles & Hass., 1905b, 92.

CEPHALOPUS Büetsch., 1873a, 80 (misprint for Cephalobus).

CEPHALOTA Carus, 1863, v. 2, 461 (f. contains: Heterocheilus, Lecanoc., Conoc., Ancyracanthus, Elaphoc., Stenodes, Aspidoc., Cosmoc., Histioc., Disph., Cucullanus) [not Cephalota Latr., 1802, crust.; Westwood, 1840, dipt.; Cephalota Dokhtouroff, 1883].

CERATOSPIRA Schneid., 1866a, 29, 104, 108–109 (mt. vesiculosa).—R. Bl., 1886g, 612.—Rans., 1904a, 29, 30, 31.—Rail., 1916, JP, 99, 100, 101.—Stiles & Hass., 1905b, 92.

anthochææ Johnst., 1912, v. 12, 111 (in Anthochaera carunculata; E. Australia); 1912, PRSQ, v. 24, 80 (s. Asc. sp. Krefft, 1873, 213) (to Oxyspirura).

ophthalmica (Linst., 1898) Rans., 1904a, 4, 30–31, 47 (in Carpophaga brenchleyi, Zoncenas brenchleyi; Bismark Archipelago).—Rail., 1916, JP, 101 (in Z. b.).

vesiculosa Schneid., 1866a, 109, 1 fig. (in Psittacus sinensis; Berl. Zool. Gard.).—Linst., 1878a, 68.—Rans., 1904a, 4, 30, 47.—Rail., 1916, JP, 101 (in Eclectus pectoralis).—Stiles & Hass., 1905b, 92.

CEYLANCYLOSTOMA Lane, 1916, IJMR, 91 (tod. ceylanicum) (subg. of Ancylostoma); 1917, IJMR, 420, 422, 431, 432.

ceylanicum (Looss, 1911) Lane, 1916, 91, to Ancylost. (Ceylanost.).

malayanum (Aless., 1905) Lane, 1916, 91, to Ancylost. (Ceylanost.).

CHABERTIA Rail. & Henry, 1909b, 169 (tod. mt. ovina); 1912, 564; 1913, 506.—Corlezzii, 1914, 48.—Gedølst, 1911a, 122.—Nev.-Lem., 1912a, 647.—Rans., 1911a, 14, 17, 18, 26, 35, 37.

hypostoma (Rud., 1819) Caucurte, 1911, BSHnA, v. 58, 246.

ovina (Fabr., 1794) Rail. & Henry, 1909b, 169 (s. Str. hypostomus Rud.).—Blgr., 1914, P, v. 7 (3), 242 (s. Sclerost. hypost.) (in sheep; Eng.).—Craig, 1915, 498.—Fiebiger, 1912a, 286.—Gedølst, 1911a, 122 (in goat, sheep, etc.).—Hut. & Mar., 1913b, 516.—Ihle, 1917, 165, 166, 167.—Nev.-Lem., 1912a, 726.—Rail., 1915, 492; 1915, IVC, 735.—Rans., 1911a, 14, 15, 35–38, 121, 122, 123, figs. 11–14 (s. Doch. hypost., Str. contortus pars, S. hypost., Scl. h.) (in Bos taurus, Capreolus capreolus, Capra hircus, Cervus elaphus, Dama dama, Gazella dorcas, Ovis aries, O. ammon, Oryx leucoryx, Rupicapra rupicapra; Europe, U. S. A., Africa, S. A., Asia, Australia).—Seur., 1913, 81, 87; 1914, 623.—Wolffh., 1911, 67.

species Hall, 1912, 347 (in Thomomys fossor; Colo.); 1916a, 116, 119 (so. Ransomus rodentorum).

Chælosomiden Claus, 1885a, 297.

CHÆTIA Hill, 1752a, 14, pl. 2 (pre-Linnæan for Gord. aquaticus).—Blainv., 1828, 536 (so. G. a.).—Stiles & Hass., 1905b, 92.

CHÆTIFERA Schep., 1908b, 389 (f. Nematoda) [not Chætifera, s. Echiuroidea, ord. of Gephyrei, containing Echiuridæ].

CHÆTOSOMA Clap., 1863a, 88–89 (mt. ophicephalum) [not Chætosoma Westwood 1851, coleopt.].—Hempelm., 1912a, 108.—Schep., 1907a, in 132–161.—Stiles & Hass., 1905b, 92.—Villot, 1875, 454, 456, 463.

armatum (Barrois, ?) Schep., 1907a, 158.

claparedii (Metschn., ?) Chatin, 1884c, 376.—Schep., 1907a, 157–158, fig. 22 (in Bergen, Nap. & Salerno).

grønlandicum Schep., 1907a, 160 (for grønlandicum).

CHÆTOSOMA—Continued.

- grønlandicum* Levinsen, 1882a, 132-133.
hibernicum Southern, 1914a, 59-60, pl. 10 figs. 27a-h (Clew Bay).
longirostrum Schep., 1907a, 159-160, fig. 25 (in Bergen & Nap.); 1910, v. 79 (3).
macrocephalum Schep., 1907a, 158, fig. 23 (in Bergen & Nap.).
ophicephalum Clap., 1863a, 88-89, pl. 18 figs. 2-3 (in Seewassertümpfel; St. Vaast).—Rollet., 1870a, 137.—Schep., 1907a, 157 (Bergen & St. V.).—Stiles & Hass., 1905b, 92.
spinusum Southern, 1914a, 60-61, pl. 10 figs. 28a-d (Clew Bay).
tristicochata Panceri, [nv.].—Schep., 1907a, 159, fig. 24 (in Bergen, Nap., Ischia).
- CHÆTOSOMATIDÆ Schep., 1908c, 398 (includes Rhabdogaster); 1908d, 401-414 (free forms), pls 27-28.—Southern, 1914a, 58-59.
- CHAOLAIMUS Cobb, 1893a, 821 (44) (mt. pellucidus).—Stiles & Hass., 1905b, 92.
pellucidus Cobb, 1893a, 821 (44), fig. 39 (roots of sugar-cane; Australia).—Stiles & Hass., 1905b, 92.
- CHAOS¹ Linn., 1767a, 1074, 1326-1327 (tat. protheus=Volvox chaos=Amœba proteus) [not Chaus Gray, 1843, mammal] (includes redivivum, protheus, ungorum, ustilago, infusorium).—Stiles & Hass., 1905b, 93.
anguilula (Müll., 1773) Blumenb., 1779a, 446-447; 1788, 520 (includes Essig-Aale, Kleister-Aale).
redivivum Linn., 1767a, 1326 (in aceto et glutine bibliopegorum).—Calkins, 1901b, 7.—Stiles, 1905e, 293.
filiforme redivivum (Linn., 1767) Roffredi, 1775a, 202.
- CHARACOSTOMUM Rail., 1902b, 109, 110 (tod. longemucronatum) (s. Globocephalus Mol., 1861 [not Globicephalus Lesson, 1828, mammal], Cystoc. Rail., 1895 [not Leger, 1892]).—Gedcølst, 1911a, 124.—Linst., 1906, 92 (Charæost.).—Nev.-Lem., 1912a, 647.—Rail. & Henry, 1909b, 170; 1912, 564 (g. of Strongylinæ).—R., H., & J., 1913, 264-265.—Stiles & Hass., 1905b, 93.
asmilium R., H., & J., 1913, v. 6 (4), 264-267, 1 fig. (in Cercopithecus callitrichus, C. patas; Haute-Guinée française).
longemucronatum (Mol., 1861) Rail., 1902b, 109 (in porc; Wien); 1915, 492; 1915, 1VC, 734.—Aless., 1909, 474.—Gedcølst, 1911a, 124 (in dom. hog, etc.).—Hut. & Mar., 1913b, 2, 508.—Nev.-Lem., 1912a, 742.—Rail. & Henry, 1909b, 170.—Stiles & Hass., 1905b, 93.
- CHARÆOSTOMUM Linst., 1906, 92 (misprint for Characost.).
- CHEILOSPIRURA Dies., 1861a, 618, 683-686 (tsd. hamulosa).—Gendre, 1913, 110.—Linst., 1901c, 182-198, 2 pl.; 1903, 112-113.—Ols., 1869b, 487.—R., H., & S., 1912, 623 (type hamulosa).—Rans., 1904a, 26, 27.—Scudd., 1884a, 63.—Stiles, 1905, 93; 1907b, 37.—Stiles & Hass., 1905b, 93; 1907b, 37.—See also Cheirospirura.
capillaris (Mol., 1860) Dies., 1861a, 686 (in Sterna hirundo; M. C. V.).—Stoss., 1897b, 108 (so. Spiropt. acanthocephalica).
cephaloptera (Mol., 1860) Dies., 1861a, 686 (in Icterus croconotus, Momotus brasiliensis; Brazil).—Drasche, 1884a, 212, pl. 11 fig. 22, pl. 14 fig. 17.—Rans., 1904a, 23, 26, 27.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 124 (to Oxyspirura).
erecta (Mol., 1860) Dies., 1861a, 684 (in Thamnophilus guttatus; Brazil).—Drasche, 1884a, 211.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 108 (to Spiropt.).
hamulosa (Dies., 1851) Dies., 1861a, 685 (in Gallus gallus, Phasianus gallus; Brazil).—Drasche, 1884a, 211, pl. 12 figs. 24, 31, pl. 14 figs. 19-20.—Hass., 1896a, 5 (to Disphar.).—R., H., & S., 1912, 623, to Acuarua (Ch.).—Rans., 1912, v. 35, 555.—Stiles & Hass., 1905b, 93.—Stoss., 1891, 97 (to D.).
longestriata (Mol., 1860) Dies., 1861a, 685 (in Picus campestris, P. grammicus, P. jumana; Brazil).—Drasche, 1884a, 212, pl. 11 fig. 30-31, p. 13 pl. 14 fig. 26.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 102 (to Spiropt.).
magnilabiata (Mol., 1860) R., H., & S., 1912, CrSB, 623 to Acuarua (Ch.).
ophthalmica Linst., 1903k, 111, pl. 5 figs. 7-9 (in eye of Turnix taigor; Siam).—Rans., 1904a, 26 (to Oxyspirura).—Shipley, 1903, 154.

¹ The genus is protozoan, but two nematodes have been classified in it.

CHEILOSPIRURA—Continued.

- palpebrarum* Linst., 1901c, 189, pl. 8 figs. 12–13 (in *Cebus capucinus*; Coll. Breslau); 1903k, 113 (in *C. c.*).
- posthelica* (Mol., 1860) Dies., 1861a, 683–684 (in *Tinamus tao*; Brazil).—Drasche, 1884a, 210, pl. 12 fig. 26, pl. 13 fig. 20.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 86 (to *Spiropt.*).
- quadricostata* (Mol., 1860) Dies., 1861a, 684 (in *Peittacus æstivus*; Brazil).—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 118 (to *Spiropt.*).
- recta* (Mol., 1860) R. H. & S., 1912, CrSB, 623 to *Acuaria* (Ch.).
- siamensis* Linst., 1903k, 112, pl. 5 fig. 10 (in *Centropus sinensis*; Siam).—Rans., 1904a, 28 (to *Oxyspirura*).—Shipley, 1903, 154.
- uncinipenis* (Mol., 1860) Dies., 1861a, 684–685 (in *Rhea americana*; Brazil).—Drasche, 1884a, 211, pl. 11 fig. 6, 15–16, pl. 13 fig. 14.—Leidy, 1891a, 412 (in *R. a.*).—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 100 (to *Spiropt.*).
- rotundata* (Linst., 1907) R., H., & S., 1912, CrSB, 623 to *Acuaria* (Ch.).
- CHEILOSPIRURIDÆ Oerley, 1885a, 105 (subf. of *Spiruridea*, contains *Echinocephalus*, *Eust.*, *Nematoideum*, *Agamonema*, *Coronilla*).
- CHEILOSPIRURIDEA Dies., 1861a, 37, 618 (subf., contains *Spirura*, *Hystrichis*, *Echinoceph.*, *Cheilospirura*, *Physoceph.*).—Stiles, 1907b, 37.
- CHEILOSTOMI Dies., 1851a, 264, 276–279 (section of *Fil.*, contains *Dicheilostomi*, *Tricheilostomi*) [not *Cheilostomum* Dies., 1850a].—Mol., 1858, 410.—Stiles & Hass., 1905b, 93.—Stoss., 1887f (1888a), 278, 279–288 (2, 3–12) (section of *Het.*).
- CHEIRACANTHIDÆ Cobbold, 1879b, 4.
- CHEIRACANTHIDEA Dies., 1861a, 652 (f. contains *Cheiracanthus*).—Carus, 1863, v. 2, 460.—Wedl, 1861b, 466.
- CHEIRACANTHUS Dies., 1838a, 189 [nomen nudum except for habitat] [not *Ag.*, 1833, fish]; 1839a, 221–227 (tsd. by inclusion *robustus*); 1851a, 248.—Braun, 1895b, 212; 1903a, 248, 253, 259 (so. *Gnathost.*); 1908a, 279, 291; 1915a, 289, 302.—Brumpt, 1910a, 426.—Carus, 1863, v. 2, 460 (to *Gn.*).—Cast. & Chalm., 1910a, 406 (*Cheiranthus*); 1913a, 520.—Duj., 1845a, 286.—Crep., 1841, 82.—Goldb., 1855, 111.—Huber, 1898a, 7 (so. *Gn.*, 1889).—Krefft, 1871a, 210.—Linst., 1909a, 48, 67.—Mol., 1857a, 157.—Moniez, 1896a, 396.—Nordm., 1840, 647.—Rail., 1893a, 546 (so. *Gn.*).—St.-Joseph, 1900, 228, 229 (so. *Gn.*).—Schneidem., 1896a, 304 (*Cheiriacanthus*).—Scudd., 1884a, 68.—Sl. & Sw., 1912a, 364.—Stiles & Hass., 1905b, 93 (type *robustus*).—Wallenstedt, 1847, 8.
- gracilis* Dies., 1838a, 189 [nomen nudum except for habitat] (in *Sudis gigas*; Brazil); 1839a, 225–227, pl. 14 figs. 8–11, pl. 17.—Crep., 1841a, 82 (*Chiracanthus*).—Duj., 1845a, 286–287 (in *S. g.*; Brazil).—Levinsen, 1890, 324.—Nordm., 1840, 647.—Stiles & Hass., 1905b, 93.
- hispidus* (Fedtsch., 1872) Csokor, 1882a, 4 (also *Gnathost.*), 1 pl.—Edelmann, (1902) 1903, 216 (*Cheiranthus*); 1916a, 258.—Hut. & Mar., 1910b, 479.—Levinsen, 1890a, 325.—Linst., 1883, 290; 1893b, 202–207, figs. 1–16; 1893c, 605; 1894i, 349–350 (in swine).—Rail., 1893a, 547 (to *Gn.*).—Stroese, 1892d, 554.—Ward, 1895a, 333 (in *Bos taurus*).—Also reported for *Sus scrofa dom.*
- horridus* Leidy, 1856b (1904a), 53 (99) (in *Alligator mississippiensis*; Ga.).—Levinsen, 1890a, 325.—Pavesi, 1881, 294.—Stiles & Hass., 1894e, 345 (in *A. m.*).
- robustus* Dies., 1838a, 189 [nomen nudum except for habitat] (in *Felis concolor*; Brazil); 1839a, 222–225, 226, pl. 14 figs. 1–7, pl. 16 (probable s. *Gnathost. spinigerum*).—Bail., 1866b, 75.—Büetsch., 1874b, 259.—Carus, 1863, 460.—Cobbold, 1858b, 160; 1873c, 125; 1875c, 217; 1875d, 211; 1879b, 256, 305.—Crep., 1841a, 82 (*Chiracanthus*).—Drasche, 1882, 9–10.—Duj., 1845a, 286–287 (in *F. catus*, *F. concolor*; Brazil).—Levinsen, 1890a, 324; 1890b, 182.—Linst., 1909a, 67, fig. 48 (in *Fœtorius lutreola*).—Nordm., 1840, 647 (s. ? *Gn. s.*).—Rail., 1893a, 547 (so. *Gn. s.*).—Schneid., 1866a, 99.—Stiles & Hass., 1905b, 93.—Stoss., 1898, 98.—Also reported for *F. tigris*.
- siamensis* Levinsen, 1890a, 323–325, pl. 7 figs. 9–14 (in *Homo*; Bangkok, Siam); 1890b, 182.—Braun, 1903a, 259, 260 (to *Gnathost.*) (in *H.*; *B.*); 1908a, 292; 1915a, 303.—Brumpt, 1910a, 427; 1913a, 489.—Jeanselme & Rist, 1909, 633.—Nev.-Lem., 1902a, 125; 1908a, 505.—Moniez, 1896a, 396 (to *Gn.*).—Rail., 1893a, 548 (to *Gn.*).—Ward, 1895a, 330 (in *H.*); 1903, 210 (to *Gn.*).

CHEIRACANTHUS—Continued.

socialis Leidy, 1858c (1904a), 25 (115) (in *Mustela vison*; by Leidy, apparently Phila.).—Dies., 1861, 275.—Levinsen, 1890a, 325; 1890b, 182.—Stiles & Hass., 1894e, 345 (in *Putorius vison*).—Also reported for *Factorius lutreola*.
spinossissimus Shipley & Hornell, 1905b, 54, 55, figs. 12–13 (in *Myliobatis aquila*; Gulf of Manaar).

uncinatus (Mol., 1861) Shipley & Hornell, 1904a, 78, 100–102, pl. 3 figs. 41, 44–48 (in intest. of *Trygon pastinaca*, T. brucco; Ceylon); 1905, 55 (in *Balistes mitis*, B. stellatus, *Margaritifera vulg.*).—Herdman & Hornell, 1906, 29.—Linst., 1905, 185, to (*Echinocephalus*).

CHEIRACHANTIDÆ Perrier.—St. Joseph, 1900a, 227.

CHEIRANTHUS Linst., 1893b, 202 (misprint for *Cheiracanthus*).—Cast. & Chalm., 1910a, 406.

hispidus (Fedtsch., 1872) Linst., 1893b, 202–207, 208, figs. 1–16 (in Hungarian swine; Germany).—Edelmann (1902) 1903, 216.

siamense (Levinsen, 1890) Cast. & Chalm., 1910a, 406.

CHEIRIACANTHUS Schneidem., 1896a, 304 (misprint for *Cheiracanthus*).

CHEIRONCHUS Cobb, 1917n, May 8, 119 (tod. mt. vorax).

vorax Cobb, 1917n, 119, fig. 5 (in marine sand; Miami, Fla.).

CHEIROSPIRURA Drasche, 1884a, 213 (misprint for *Cheilospirura*).—Stiles & Hass., 1905b, 93.

CHENTRORHYNCHUS Neiva, Cunha, & Trav., 1914, MIOC, v. 6, 185 (for *Centror.*).

tumidulus (Rud., 1819) N., C., & T., 1914, 185–186, pl. 26 fig. 5 (in *Crotophaga ani*, *Pisorhina choliba*, *Rupornis magnirostris*; larva in *Leptodactylus ocellatus*, *Tropidurus torquatus*, *Tejus teguexim*, *Ameiva surinamensis*).

CHENTROSOMA Montic., 1905d, 11 [no sp. name cited].—Lühe, 1912, ZJ, v. 1, 272, 273 (*Centrosoma*), 274 (so. *Corynosoma*), 275.—Porta, 1906a, 268 (for species of *Echinor* not mentioned by name; “per le specie con il corpo armato anteriormente”); 1907, B, 412 (cites *Echinor. impudicus* [= ? type]).

aluconis (Müll., 1780 or 1784) Porta, 1908, Az, 225, 229, 230, 234–239, pl. 9 figs. 9–11 (larva lesinif. Mol.—*mirabilis* Pol.) (in *Hyla arborea*, *Rana escul.*); 1913, NC, v. 1 (3), 168 (in *Astur haplochrous*, *Graucalus lifuensis*, *Turacus buffoni*, *Corone cornix*; New Caledonia & Europe).—Lühe, 1912, ZJ, 274.

buteonis (Schränk, 1788) Porta, 1908, Az, 225, 226, 239–242, pl. 9 figs. 12–14 (in *Canis vulpes*, *Coronella gironica*, *Crocodyrus aranea*, *Elephis quateradiatus*, *Lacerta viridis*, *Pantherophis zeæ*, *Platidactylus muralis*, *Tropidonotus natrix*, *Vipera aspis*, *Zamenis atrovirens*); 1908, AdP, 270 (in Cr. a., Can. vulp. *Erinaceus auritus*; Europe, Egypt, Brazil).—Lühe, 1912, ZJ, 274.

horridum (Linst., 1898c) Porta, 1913, NC, 168–170, pl. 6 fig. 2a–e (in *Halcyon sancta*; New Caledonia).

lesiniformis (Mol., 1859h) Porta, 1908, Az, 230 (larva of *aluconis*).

mirabilis (Polonio, 1859) Porta, 1908, Az, 230 (so. *lesiniformis* Mol.).

ninnii (Stoss., 1891) Porta, 1908, 1–2, fig. 1–2 (in *Putorius vulg.*; Nap.); 1908, 270–271 (in P. v.; Italy, Trieste).—Lühe, 1912, ZJ, v. 1, 274.

zosteropis Porta, 1913, NC, v. 1 (3), 170, pl. 6 fig. 3a–e, fig. 4 (in *Diaphoropterus nævius similimus*, *Zosteropis lateralis griseonota*; New Caledonia).

CHIRACANTHUS Crep., 1841a, 82 (for *Cheiracanthus*).

CHLAMYDONEMA Noordhoek Hegt, 1910, v. 12 (1), 5–44 (mt. felineum).—Gedælst, 1911a, 130.

felineum Noordhoek Hegt, 1910, v. 12 (1), 5–44, pl. 1 figs. 1–30 (in stomach of *Felis dom.*; Batavia).—Gedælst, 1911a, 131 (in dom. cat; B.).—Nierstrasz, 1910, v. 12 (1), 45–59.

CHLAMYDONEMATIDÆ Noordhoek Hegt in Nierstrasz, 1910, v. 12 (1), 57 (contains *Chlamydonema*).

CHOANOLAIMUS Man, 1880a, 28–29 (mt. psammophilus).—Stiles & Hass., 1905b, 94. *psammophilus* Man, 1880a, 29 (in sand; Holland).—Stiles & Hass., 1905b, 94.

CHONIANGIUM Rail, Henry, & Bauche, 1914, BSPE, 207 (tod. epistomum) (g. of *Cylicostomeæ*).

epistomum (Piana & Stazzi, 1900) R., H., & B., 1914, 207 (in elephant).—Blgr., 1916, P, 436.—Lane, 1915, IJMR, 105–106; 1917, *ibid.*, 428.

CHORDACEA Weinl., 1858a, 28 (contains Gordiacea and Mermaidacea).

- CHORDODES Crep., 1847b, 161-165 (mt. parasitus).—Brumpt, 1910a, 479.—Cam., 1896a, 9-10; 1896d, 117-125; 1897i, 225-229; 1897k, 387-388; 1901, v. 16, 1-2; 1902a, 1-3 (Sudan), 1902b, 1-2 (Congo); 1903, ZC, v. 10 (22-23), 786 (Congo); 1904, v. 1, 93-94 (Guatemala); 1905, AN, v. 2 (3), 46, 47 (Sudan); 1912, v. 26, 1-2 (Congo).—Gueguen, 1905, 399.—Janda, 1893a.—Linst., 1901b, in 409-428; 1904, in 484-497; 1906, v. 3 (2), in 241-248, pls. 4-5 figs. 1-26; 1906, AN, v. 1 (3), in 249-258, pls. 16-17, figs. 1-20.—Montg., 1898a, 47; 1898c, 379-384, pl. 21 figs. 1-6; 1899a, 650, 651, 652.—Pratt, 1916a, 227.—Stiles, 1907c, 56, 67, 68.—Stiles & Hass., 1905b, 94.—Villot, 1874a, 47 (subg. of Gord.), 68.
- aelianus* (Cam., 1894) Cam., 1897g (h), 380 (42), figs. 17-17a (Sumatra).
- albibarbatus* Montg., 1898c, 381-383 (Ogove River, Africa); 1898d, 493-496, pl. 29 figs. 1-6 (probably from an orthopt.; Gaboon River, W. Africa).
- alpestris* (Villot, 1884) Brumpt, 1913, 540 (in Homo; France).—Braun, 1915a, 373.
- annandalei* Cam., 1908, RIM, 113-114 (in Mantis; Chitlong, Nepal).
- aurantiacus* Linst., 1906, 246, pl. 5 fig. 15 (Honduras).
- baeri* Cam., 1896d (e), 124-125 (8-9) (Iter Caspium); 1897g, 375 (37) (so. tellinii).
- balzani* Cam., 1896a, 9-10 (Genoa Mus., from Bolivia); 1897g, 379-380 (41-42), figs. 20-22b (Bolivia).—Montg., 1898a, 28.
- baramensis* Römer, 1895a, 197-198 (in Mantis; Borneo); 1896g, 250-253, 286, pl. 14 fig. 1-1d (in Hierodula basalis; B.).—Cam., 1897g, 383 (45) (B.).
- bedriagæ* Cam., 1896d (e), 123-124 (7-8) (loc. unknown); 1897g, 374 (36), 418, figs. 14-14a.
- betularius* Linst., 1904o, 492-493, pl. 28, fig. 16 (Caspian Sea).
- boulengerii* Cam., 1912, v. 27, 1-2 (Bitye, Dja River, Congo).
- bouvieri* (Villot, 1885) Cam., 1897 [not (Villot) Römer, 1895, 797; 1896, 283]; Cam., 1897g, 384-385 (46-47), 418, figs. 22-22a (loc. Ecuador).—Montg., 1898a, 28.
- bouvieri* (Villot, 1885) Römer, 1895b, 797-799 (s. Gord. modiglianii) (Mus. Hamburg); 1896, 283.—Cam., 1897e, 2; 1897g, 379 (41) (so. modiglianii).
- brasiliensis* Janda, 1893a, 608-609, figs. 16-23 (from Brazil, Mus. Prag); 1894a, 15-18, pl. 9 figs. 21-24, pl. 10 figs. 1-8 (B.); 1894, 608 (B.).—Cam., 1897f, 2 (Jujuy, Salta); 1897g, 377 (39), 419, figs. 29-29b, 31b (Brasil Tala, S. Lorenzo, Mus. Torino).—Montg., 1898a, 28.—Römer, 1896, 285.
- caledoniensis* Villot, 1874a, 62-63, pl. 2 fig. 8 (in Mantis; New Caledonia), to Gord. (Chordodes).—Cam., 1897g, 381 (43) (s. Gord. tuberculatus, sumatrensis) (New Caledonia, New Olanda (in a Mantis), Sumatra).
- cameronis* Montg., 1900, BB, Boston, v. 1, 95-98, figs. 1-6 (Mazatlan or Panama); 1907, 272.
- capensis* Cam., 1895a, 12-13 (hng; Cape of Good Hope); 1897g, 386 (48), 418, figs. 28-28a (Leiden Mus., from C. G. H.).—Linst., 1901, 418.
- capillatus* Linst., 1901b, 416, fig. 16 (in Rhombodera scutata; Langenburg am Nyassa-See, Africa).
- clavatus* Linst., 1906, v. 3 (2), 246, pl. 5 fig. 16 (at Jaunde, Kamerun, German W. Africa).
- compressus* Römer, 1895a, 198-199 (Baramfluss, Borneo); 1896g, 253-254, 286, pl. 14 fig. 2a-d (B.).—Cam., 1897g, 383 (45) (so. baramensis Römer).
- cubanensis* Montg., 1898a, 52-53, figs. 118-123 (Cuba).
- desfilippii* Rosa, 1881b, 572-574 to Gord. (Chordodes), (Tiflis, Georgia); 1881a.—Cam. 1896d (e), 123 (7); 1897g, 382 (44) (Georgia, Persia).—Römer, 1896, 282.
- digitatus* Linst., 1901b, 417, fig. 18 (in Tüempel; Unyika-Plateau; Konde-Land Africa).
- dugesi* Cam., 1904, BSzF, 73-74 (Vera-Cruz, Mex.).—Montg., 1907, 272 (V. C.).
- echinatus* Linst., 1901b, 417-418, fig. 19 (Langenburg, Nyassa-See, Africa).
- ferox* Cam., 1897g, 388 (50), 418, 419, figs. 26-26b, 49 (s. Gord. verrucosus (Baird) Cam., 1893, 215 (French Congo)).—Linst., 1901, 418.
- festæ* Cam., 1897e, 2 (Cuencana); 1897g, 386-387 (48-49), 419, fig. 38 (from Ecuador, Mus. Torino); 1905 v. 20 (504) 1-2.—Linst., 1906, 258 (E.).—Montg., 1898a, 28, *furnessi* Montg., 1898c, 379 (in Deroplatys sp., Hierodula sp.; Borneo).

CHORDODES—Continued.

- gariazzi* Cam., 1902b, 1-2 (Belgian Congo).
gestri Cam., 1904, v. 1, 93-94 (Guatemala).—Linst., 1907, AN (for 1901), 67 J., v. 2 (3), 174.
griffini Cam., 1898, BSzF, v. 23, 74-75 (Vera Cruz); 1904, 94.—Montg., 1907, 272 (V. C., Mex.).
giglio-tosi Cam., 1908, RIM, 114 (Purneah, N. Bengal).
gordioides Montg., 1898a, 49-50, figs. 106-110 (S. Montana).
hamatus Römer, 1895b, 801-802, figs. 7-10 (Gaboön, Sibangafarm, W. Africa); 1896g, 288-289.—Montg., 1898a, 48.
hawkeri Cam., 1902a, 1-3 (in water; Sudan); 1908, v. 23 (580), 1-2; 1912, v. 26 (646), 1-2 (in Mantis; Grahamstown).
insidiator Cam., 1899, ArAS, 462-463 (Borneo), fig. 2.
jandæ Cam., 1895a, 8-9 (Timor); 1897g, 377 (39), 418, 419, figs. 16-16b, 48 (T., Mus. Leida).
kallstenii Jægers., 1897c, 1-10, 2 figs., 1 pl. figs. 1-6 (Kamerun).
liguligerus Römer, 1895b, 799-800, pl. 19 figs. 3-4 (Calcutta); 1896, 287 (C.).—Cam., 1897g, 375 (37).
madagascariensis (Cam., 1893) Cam. in Römer, 1896, 284; 1897g, 387-388 (49-50), 418, figs. 23, 23a (Madagascar).—Römer, 1896, 284.
modiglianii (Cam., 1892) Cam., 1895a, 14; 1897g, 378-379 (40-41), 418, figs. 18-18a (s. bouvieri) (Isola di Engano, Celebes; Mus. Genoa, Mus. Leida); 1914, 541.
moluccanus Römer 1896g, 254-256, 287, pl. 14 fig. 3a-c (Halmahera).—Cam., 1897g, 374 (36) (H.).—Montg., 1898a, 50.
molukkanus Römer, 1895a, 199-200, (see *moluccanus*) (from Soa Konorra, Halmahera).
montgomeryi Cam., 1901d, 1-2 (Madagascar).
montoni Shipley, 1903l, 152 (for *moutoni*) (in Mantis; Perak) (quotes Cam., 1895, 1897, 1899, and 1901).
morgani Montg., 1898a, 47-48, figs. 94-100 (Maryland); 1899a, 651 (N. A.); 1901b (1902a), 289-292, pl. 11 figs. 1-11; 1907, 272.—Stiles, 1907c, 68.
moutoni Cam., 1895d, 99-100 (China); 1897g, 387(49), 418, figs. 21, 21a (China, Mus. Paris e Torino); 1899, xxxiv, figs. 3-3a; 1903, 2.
nobili Cam., 1901b, 1-2 (Argentine).
occidentalis Montg., 1898a, 50-52, figs. 111-117 (San Francisco & Ariz.); 1899a, 651-652; 1907, 272.—Stiles, 1907c, 68.
ornatus (Grenacher, 1868) Cam., 1897g, 382-383 (44-45) (Philippines).
parasiticus Dies., 1851a, 95 (so. Gord. chordodes (for parasitus)).
parasitus Crep., 1847b, 161-165 (in *Acanthodis glabrata*; Brazil).—Montg., 1898a, 24 (from Brazilian *Acanthoditis*), 28.—Stiles & Hass., 1905b, 94.—Villot, 1874a, 61 (so. G. c.).
pardalis (Cam., 1893) Cam., 1897g, 331 (43), 418, fig. 12 (in *Aethiomerus adelphus*; Madagascar).
paronæ Cam., 1903, BMZAc (437), 2-3 (Kota Bharu, Siam).
penicillatus Cam., 1895a, 10-11 (?Italy); 1897g, 378 (40), 418, 419, figs. 24-24a, 43 (loc. uncertain; Mus. Leida).—Linst., 1906, 246 (Brazil).
peracæ (Cam., 1894) Cam., 1897g (h), 385 (47) (Tucuman), 418, figs. 27-27a. —Montg., 1898a, 28.
pilosus Mœbius, 1855a, 428-431, pl. 17 figs. 1-8 (in *Blabera gigantea*; Angustura).—Montg., 1898a, 25, 28.—Villot, 1874a, 62 (to Gord.).
polloneræ Cam., 1912, RIM, 215.
puerilis Mont., 1898a, 48-49, figs. 101-105b (from cockroach; Coll. Leidy); 1899a, 651 (N. A.); 1901b (1902a), 289-292, pl. 11 figs. 1-11.—Stiles, 1907c, 68.
puncticulatus Cam., 1895a, 11-12 (Sumatra); 1897g, 384-385 (46-47), 418, figs. 25-25a (S.).—Shipley, 1903l, 153.
puncticutatus Shipley, 1903l, 153 (for *puncticulatus*).
shipleyi Cam., 1899, ArAs, v. 34, 460-462 (in Mantis; Borneo), fig. 1; 1903, BMZ, Torino (437), 2.

CHORDODES—Continued.

- siamensis* Cam., 1903, (437), 1-2 (Siam); 1908, 113 (in Mantis).—Shipley, 1903l, 153 (Biserat).
silvestri Cam., 1895a, 7-8 (Japan, Borneo); 1897g, 380-381 (42-43), 418, figs. 19-19a (B.).—Linst., 1906, 258.
skorikovi Cam., 1903, v. 1, 34-35 (in Mantis; Ceylon); 1903, v. 8, 22-29; 1903, BMZAc, Torino, v. 18 (438), 1-2; 1904, v. 19 (469), 1-3 (skorikovi).
talensis Cam., 1897f, 2-3 (Jujuy, Salta, Bolivia); 1897g, 375 (37), 419, figs. 31-31a (B.).—Montg., 1898a, 28.
tellinii (Cam., 1888) Cam., 1897g, 375-377 (37-39) (Caspian region).—Par., 1901, 4.
timorensis Cam., 1895a, 9-10 (Timor); 1897g, 385 (47), 419, figs. 30-30a (T.).—Linst., 1906, 258.
tuberculatus Linst., 1901b, 417, fig. 17 (Nyassa-See, bei Langenburg).—Cam., 1902a, 2-3.
undulatus Linst., 1906, 257-278, pl. 17 fig. 20 (in Mantis sp.; Sydney).
variopapillatus Römer, 1895b, 800-801, figs. 5-6 (Bahia); 1896g, 287-288.—Mont., 1898a, 28.
varius (Leidy, 1851) Römer, 1896g, 279-280.—Montg., 1898a, 28, 45.
verrucosus (Baird, 1853) Cam., 1896a, 10.

weberi (Villot, 1891) Römer, 1896g, 284 (Sumatra).—Cam., 1897g, 371-372 (33-34), 418, figs. 6a, 7-7a, 12, 13a (s. *Gord. chinensis*) (S., Mus. Genoa).
CHROMADORA Bast., 1865c, 95, 167-170 (tsd. *vulgaris*).—Büetsch., 1873a, 70.—Cobb, 1893a, 820-821 (43-44); 1893b, 262-263 (13-14).—Hofmæn., 1913, 638.—Jägers., 1909, 6, 33.—Linst., 1901c, 182-198, 2 pl.—Oerley, 1880, 143.—Man, 1876a, 165; 1876b, 88.—Stiles & Hass., 1905b, 94.—Villot, 1875, 464.—See *Euchromadora* (type vulg.).

alpina (Micol., 1913) Micol., 1914, ZJ, 494-497, pl. 17-18 figs. 29a-f to (*Parachromadora*).

balatonica Daday, 1894, Mte, v. 12, 134; 1897, v. 2 (1), 95, figs. 72-73 (aquatic and in sand; Balaton).

baltica Schneid., 1906c, 30-33, fig. 14 (free; Gulf of Finland); 1906d, 626-627 (G. F.).—Man, 1907, 70, 238.

bathybia Daday, 1894, Mte, v. 12, 131-132; 1897, v. 2 (1), 91-92, figs. 65-67 (aquatic and in sand; Balaton).

bioculata (Schultze, 1857) Bast., 1865c, 170 (s. *Enoplus bidentatus*).—Büetsch., 1873a, 70-71, figs. 32a-d, 37a-b (on water plants; Main).—Hofmæn., 1913, 636-637.—Hofmæn & Menz., 1915, 138.—Jägers., 1909, 34-35, fig. 47.—Lauterborn, 1913, 871.—Man, 1907, v. 7, 13, 14, pl. 1 fig. 2.—Micol., 1913, 2, 7, 9, 11; 1914, ZJ, 485-488, pl. 12-13, figs. 9a-k; 1915, ZJ, 265-266.—Oerley, 1880, 143.—Schneid., 1906d, 680.—Southern, 1914, PRIA, v. 31 (Co. Mayo).—Stiles & Hass., 1905b, 94.

bulbosa Daday, 1894, Mte, v. 12, 133-134; 1897, v. 2 (1), 93-94, figs. 68-71 (aquatic and in sand; Balaton).—Man, 1907, v. 7, 12, 14.—Plotnikov, 1901, 245-246.

cæca Bast., 1865c, 169, figs. 239-241 (marine, surface mud; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.

chlorophthalma Man, 1877a, 114-115, pl. 9 fig. 18.—Schneid., 1906d, 626.—Filipjev, 1917, 249 (to *Chromadorella*).

cincta Villot, 1875, 464, 465, pl. 11 fig. 12, a, b, c (Roscoff).

craspedota Steiner, 1916, ZA, v. 46, 333 (marine).

dubia Büetsch., 1873a, 72, fig. 31 (in moss; by Büetsch.).—Jägers., 1909, 34, 36, fig. 48.—Oerley, 1880, 143.

dubia Linst., 1907, AN (for 1901), v. 2 (3), 172 (for *dubiosa*).

dubiosa Daday, 1903, Mte, 336-337; 1904, v. 19 (5), 481-482, pl. 27 figs. 4-5 (free; Przewalsk).—Linst., 1907, AN (for 1901), 171.

erythrophthalma Schneid., 1906c, 29-30, fig. 13a-b (free; Gulf of Finland); 1906d, 626 (G. F.).

filiformis Bast., 1865c, 169, pl. 13 figs 242-244 (marine, tidepools; Falmouth).—Man, 1890b, 178-180, pl. 4 fig. 5 (St. Vaast).—Steiner, 1915, ZJ, 231, 232, 237.—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.

foreli Hofmæn., 1913, 637, pl. 16 figs. 12-13 a-b (aquatic; lac Léman).

CHROMADORA—Continued.

- germanica* Büetsch., 1874b, 284, fig. 25a-b (Kieler Bucht).—Villot, 1875a, 466 (K.).
- inornata* Cobb, M. V., 1915, 39-41 (Maple River, Bessey Creek, Douglas Lake, Mich.).
- lacustris* (Micol., 1913) Micol., 1914, ZJ, 497-500, pl. 17 figs. 28a-e to (Parachromadora).
- leberti* Zool. Rec., 1908, (for 1906), v. 43, Verm., 36 (for leberti).
- leberti* Schneid., 1906e, 680-681, figs. 1-2 (fresh water; Estland); 1908, v. 2 (1), in 1-190; 1909, 37.
- leuckarti* Man, 1876a (b), 165-167 (88-90), pl. 10 fig. 41a-d.—Brakenhoff, 1914, v. 22, 274-275.—Cobb, 1888a, 33 (to Spilophora).—Ditlevsen, 1912, 223.—Micol., 1914, ZJ, 491-492.—Oerley, 1880, 143.—Southern, 1914, PRIA, v. 31, 8 (Clare Isl., Co. Mayo).—Steiner, 1916, ZA, 339-340 (Tunis).
- macrolaima* (Man, 1884) Man, 1907, v. 20, 87 (free, marine; Zealand).—Steiner, 1915, 234, 235, 236.
- macrolaimoides* Steiner, 1915, ZJ, 234-237, pl. 24 figs. 23-27 (marine; Sumatra).
- meridiana* Cobb, 1914, SE, 8, 10, 22, 1 fig. (Bay; Cape Royds).
- microlaima* Man, 1889c, 199-201, pl. 6 fig. 8; 1907, 87 (marine; Zealand).
- minima* Cobb, 1893b, 262-263 (13-14), pl. 37 figs. 1-2 (in soil about roots of banana plants; Fiji); 1893a, 820-821 (43-44), fig. 38 (about roots of sugar cane; N. S. W.).
- minor* Cobb, 1898 a (b), 299, 447 (4, 55), fig. 9 (Ing.).
- musæ* Cobb, 1893b, 263 (14), pl. 37 figs. 1-3 (in soil about roots of banana plants; Fiji).
- natans* Bast., 1865c, 168-169, pl. 13 figs. 236-238 (aquarium; Falmouth).—Büetsch., 1874b, 284.—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- nudicapitata* Bast., 1865c, 168, pl. 13 figs. 230-232 (tide-pools; Falmouth).—Man, 1907, 87 (Zealand).—Southern, 1914, PRIA, v. 31, 29 (Blacksoed Bay).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- ocellata* (Carter, 1859) Bast., 1865c, 170 (Bombay).—Stiles & Hass., 1905b, 94.
- örleyi* Man, 1881a, 139; 1907, v. 7, 12, 13.—Cobb, 1915, 41.—Ditlevsen, 1912, 223, pl. 4 figs. 35, 37.—Plotnikov, 1901, 246.—Schneid., 1906e, 680.
- papillata* Bast., 1865c, 170, pl. 13 figs. 247-248 (marine, surface mud; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- papuana* Daday, 1899, Mte, v. 17, 562.
- pæcilosoma* Man, 1893a, 96-99, pl. 6 fig. 7; 1907, v. 20, 87 (marine; Zealand); 1907, v. 7, 12.
- polaris* Cobb, 1914, SE, 8, 9, 10, 22-23 (Bay; Cape Royds).
- ratzeburgensis* Linst., 1876a, 13, figs. 32-33 (in Ratzeburger-See).—Brakenhoff, 1914, v. 22, 275.—Jægers., 1909, 33, 34, fig. 45.—Man, 1907, v. 7, 12-14, pl. 1 fig. 1.—Micol., 1914, ZJ, 488-491, pl. 11 figs. 8a-b, pl. 12 figs. 8c-k; 1915, ZJ, 266-267.
- revalensis* Zool. Rec., 1908 (for 1906), v. 43, Verm., 36 (for revaliensis).
- revaliensis* Schneid., 1906e, 681-683, figs. 3-5 (in fresh water; Reval in Estland); 1908, v. 2 (1), in 1-190; 1909, Feb., 37.
- sabelloides* Bast., 1865c, 169-170, pl. 13 figs. 245-246 (marine, surface-mud; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- subangensis* Steiner, 1915, ZJ, 233-234, pl. 23 figs. 18-20, pl. 24 figs. 21-22 (marine; Sumatra).
- sumatrana* Steiner, 1915, ZJ, 231-233, 234, pl. 23 figs. 12-17 (marine; Sumatra).
- tatrica* Daday, 1896, Mte, v. 14, 411-412.
- tenuis* Schneid., 1906c, 28-29, figs. 12a-b (free; Gulf of Finland); 1906d, 626. (G. F.).
- viridis* Linst., 1876a, 14, figs. 34-35 (Ratzeburger-See).—Jægers., 1909, 33, 34-35, fig. 46.
- vivipara* Man, 1907, 238-239 (Ierseke); 1907, 33, 67-70, 87, pl. 3 figs. 13a, c, e, pl. 4 figs. 13, b, d (Zealand).
- vulgaris* Bast., 1865c, 167-168, figs. 233-245 (tide-pools; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.

- CHROMADORIDÆ Filipjev, 1917, v. 2, 24 [nv].
- CHROMADORINI Filipjev, 1917, v. 2, 24 [nv].
- CHROMADORISSA Filipjev, 1917, Russk. zool. zhurnal, v. 2, 24-30 (mt. beklemishevi) (Chromadoridæ, Chromadorini) [nv].
- beklemishevi* Filipjev, 1917, 24-30, figs. A-G (free; Caspian Sea) [nv].
- CHROMAGASTER Cobb, 1894c, 416-419 (tsd. purpurea) [not Chromogaster Lauterborn, 1893, worm].—Stiles & Hass., 1905b, 94.—See Waterhouse, 1902, 75 (Chromogaster for Chromagaster).
- nigricans* Cobb, 1894c, 416-417 (Bay of Nap.).—Stiles & Hass., 1905b, 94.
- purpurea* Cobb, 1894c, 417-419, figs. 12, i-iv (S. Australia).—Stiles & Hass., 1905b, 94.
- CHROMOGASTER Waterhouse, 1902, 75 (for Chromagaster).—Stiles & Hass., 1905b, 94.
- CHRONOGASTER Cobb, 1913, JWAS, 443 (mt. gracilis).
- gracilis* Cobb, 1913, 443-444, fig. (Potomac River, near Wash., D. C.; Douglas Lake, Mich.); 1914, TAMS, 38.
- CIORHYNCHUS Zed., 1803a, 8 (misprint for Lior.).—Stiles & Hass., 1905b, 94.
- CIRRHOSTOMEA Dies., 1861a(b) 622 (contains Phanoglene, Enchelidium, Pontonema, Amblyura).—Schneid., 1866a 51 (so. Enoplus).
- CISSOPHYLLUS Lane, 1914, Oct., 655 (g. of Kathlaniinæ) (for Cissophyllus).
- CISSOPHYLLUS Rail. & Henry, 1912, BSPE, 257 (tod. laverani); Lane, 1916, IJMR, 100, 101.—Trav., 1913, 272, 309-310.
- laverani* Rail. & Henry, 1912, v. 5, 253-256, 257, figs. 1-3 (in Testudo emys; faune indo-malaise); 1915, 451.—Trav., 1913, 310.
- CITELLINEMA Hall, 1916a, 123, 141 (tod. bifurcatum); 1916b, 518.
- bifurcatum* Hall, 1916a, 141-142, figs. 184-186 (in Citellus elegans; Colo.).
- CLOACINA Linst., 1898c, 286-290 (mt. dahli); 1906, CIB, 749-752, 1 pl.; 1907, HC, v. 2 (10-11), 324.—Geddes, 1911a, 115.—Rail. & Henry, 1912, 563; 1913, 507 (s. Zoniolaimus).—Stiles, 1907c, 53.—Stiles & Hass., 1905b, 94.—Stoss., 1899, 55, 93.
- dahli* Linst., 1898c, 286-290, pl. 22 figs. 13-20 (in Macropus browni; Ralum).—Stiles & Hass., 1905b, 94.—Stoss., 1899, 93.
- octodactyla* Linst., 1906, July 24, 750, figs. 3-4 (in Canis fam.; Landau bei Niederhochstadt, Pfalz).—Geddes, 1911a, 115, fig. 152 (in C. f.).—Rail. & Henry, 1912, 563.
- CLOACININÆ Stoss., 1899d, 55, 93 (2, 39) (subf. of Strongylidæ, contains Cloacina).—Rail. & Henry, 1909a, 85 (1); 1912, 563.
- COBBIA Man, 1907, 232-233 (mt. trefusiæformis); 1907, 33, 47.
- trefusiæformis* Man, 1907, 233 (Ierseeke); 1907, 33, 47-49, 87, pl. 1 fig. 7 (Zealand).
- COBBOLDIA Leiper, 1910, PZSL, 233-251 (mt. tod. vivipara) [not Cobboldia Brauer, 1887, insect]; 1911, PZSL, 555 (renamed Cobboldina).
- vivipara* Leiper, 1910, PZSL, 235-237, figs. 27B-C (in stom., Hippopotamus; Victoria Nile).
- COBBOLDINA Leiper, 1911, PZSL, 555 (new name for Cobboldia 1910, hence type is vivipara 1910).—Rail., 1916, RMV, 520.
- COCHLUS Zed., 1803a, 45-50 [not Cochlus Humph., 1797, mollusk] (Gœzia Zed. renamed, type armatus=Cucullanus ascaroides).—Looss, 1902, 755 (=G.).—Rail., 1815a, 151 (g. of Arthrenea).—Rail. & Henry, 1915, 271, 273.—Stiles & Hass., 1905b, 94.
- armatus* Zed., 1803a, 50 (s. Cuc. ascaroides, T. cucullanus) (in ventriculo Siluri glanidis; lng.).—Dies., 1851a, 340 (so. Nematoideum siluri-glanidis).—Rail. & Henry, 1915, 271.—Rud., 1809a, 30; 1810a, 255 (s. Prionoderma ascaroides).
- inermis* (Zed., 1800) Zed., 1803a, 50 (in Anguilla muræna; lng.).—Nordm., 1840, 546 (so. Lior. denticulatus).—Rail. & Henry, 1915, 271.—Rud., 1809a, 30, 249 (so. L. d.).
- rhinarius* (Pilger, 1803) Rud., 1805a, 41-43 (in Stirnhœlen eines Hundes; Alfort & Wein) (s. Tænia lanceolata Chabert).
- CODIOSTOMUM Rail. & Henry, 1911, 574 (tod. struthionis).—Rail. & Henry, 1912, AdP, 565 (g. of Delectrocephalæ).
- struthionis* (Horst, 1885), Rail. & Henry, 1911, 574.

- CŒLENTERA Burm., 1856a, 279 (group of nematodes, contains Filariaceen, Trichocephaliden, Strongyloiden).
- Cœlomyarier Schneid., 1866a, 203 [earlier than here] (group of nematodes).
- COLEOPS Scudd., 1884a, 74 (for Koleops).—Stiles & Hass., 1905b, 94.
- COMESOMA Bast., 1865c, 95, 158–159 (tsd. vulgaris).—Man, 1890b, 171–172; 1907, 61, 62.—Stiles & Hass., 1905b, 95.
- profundi* Bast., 1865c, 159, pl. 13 figs. 198–200 (in mud; from Falmouth Harbor).—Büetsch., 1874b, 267, fig. 14 (in Kieler Bucht, etc.).—Stiles & Hass., 1905b, 95.
- vulgaris* Bast., 1865c, 158–159, pl. 13 figs. 195–197 (tide pools; Falmouth).—Man, 1890b, 172–174, pl. 3 fig. 2 (St. Vaast); 1907, 62, 65.—Stiles & Hass., 1905b, 95.—Villot, 1875, 465.
- CONOCEPHALIDEA Dies., 1861a, 669 (supergeneric name based upon Conoc.) [not Conocephalidae Burm., 1838, orthopt.].—Drasche, 1884a, 109.—Stiles & Hass., 1899, 128.
- CONOCEPHALUS Dies., 1861a, 616, 669 (mt. typicus) [not Conocephalus Thunb., 1812, orthopt.; Zenk., 1833, crustacean; Schœnh., 1838, coleopt.; Dum., 1853, reptile].—Carus, 1863, 462.—Stiles & Hass., 1899, 102, 103, 128; 1905b, 95.
- typicus* Dies., 1861a, 669, pl. 1 figs. 1–11 (in Delphinus [delphis?]; Mus. Hafniense, Atlantic).—Carus, 1863, 462.—Cobbold, 1879, 426.—Jægers., 1894a, 450, 453.—Shipley, 1905, 98 (to Asc.).—Stiles, 1901, 181.—Stiles & Hass., 1899, 103, 127, 128, 129, 132, 161; 1905b, 95.—Also reported for Delphinus delphis.
- CONOSOMA Lenz in Jørdens, 1802a, 30 (mt. tat. Asc. conosoma) (as nematode, is larva of a Muscidae).—Sherborn gives Lenz as 1794.—See also Conostoma.
- CONOSTOMA Lenz, 1794, 256 [nv.] [not Conostoma Hodgs., 1842, Aves; not Thomson, 1882, crust.] (tat. Asc. conostoma).—Rud., 1801a, 58 (see also Conosoma); 1808a, 166.
- CONTORTOSPICULUM Skrj., 1917, P, 472, 473–475, 478–480 (tod. horrida) (Diplo-triæninæ).
- horrida* (Dies., 1851) Skrj., 1917, 475–478, pl. 18 fig. 11, pl. 19 figs. 12–13, text fig. 1 (in Otis tarda, Rhea americana, Struthio crux; Russia, etc.).
- labiata* (Crep., 1825) Skrj., 1917, 474 (in Ciconia alba, C. nigra).
- CONTRACÆCUM Rail. & Henry, 1912, 256 (tod. spiculigerum).—Skrj., 1916, 481. species Skrj., 1916, 483 (in Mergus merganser).
- spiculigerum* (Rud., 1809) Rail. & Henry, 1912, 256.—Skrj., 1916, 482 (in Mergus merganser, Phalacrocorax carbo).
- COOPERIA Rans., 1907k, 3–4 (tod. curticii); 1911a, 14, 17, 49, 69–71, 77, 79, 81 (type curticei).—Gedælst, 1911a, 119.—Nev.-Lem., 1912a, 646.—Rail. & Henry, 1909a, 86; 1912, 566.—Trav., 1914, 5.
- alata* Rail. & Henry, 1909a, 87–88 (in macaque; by Weinberg).
- brasiliensis* Trav., 1914, Bm, 163 (3) (in esoph., Bos taurus; Brazil).
- curticei* (Rail., 1893a) Rail. & Henry, 1909a, 87.—Gedælst, 1911a, 120, fig. 161 (in Ovis aries).—Nev.-Lem., 1912a, 717.—Rans., 1911a, 14, 70, 71–74, 77, 122, figs. 64–71 (s. Str. ventricosus, curticei, curticii) (in Capra hircus, O. a.; U. S. A., Europe?).
- curticii* (Giles, 1892) Rans., 1907k, 3 (in Ovis aries; U. S. A.); 1911a, 71 (so. curticei).—Rail. & Henry, 1909a, 87.
- oncophora* (Rail., 1898) Rans., 1907k, 3–4; 1911 (127), 14, 71, 74, 76, 77–79, 99, 121, 122, figs. 78–82 (s. Str. radiatus, ventricosus, oncophorus, curticei) (in Bos taurus, Ovis aries, O. canadensis; Europe, U. S. A.).—Blgr., 1914, P, v. 7 (3), 241, 244, 245–246, fig. 2 (s. Str. ventricosus) (in B. t., O. a.; Eng., U. S. A.); 1915, 135.—Craig, 1915, 498.—Gedælst, 1911a, 120 (in B. t.).—Hut. & Mar., 1913b, 475.—Ihle, 1917, 165, 167, 169.—Nev.-Lem., 1912a, 717.—Pillers, 1912, VR, v. 25, 305–306.—Rail. & Henry, 1909a, 87.
- pectinata* Rans., 1907k, 3–4 (Bos taurus; Texas); 1911a, 14, 71, 80, 81–82, 121, figs. 83–86 (in B. t.; T.).—Gedælst, 1911a, 120 (in B. t.; T.).—Rail. & Henry, 1909a, 87.
- punctata* (Schnyder, 1907) Rans., 1907k, 3; 1911a, 14, 70, 74–77, 82, 121, figs. 72–77 (s. Str. sp., Strongyloides bovis) (in B. t.; Europe, U. S. A., Sumatra).—Gedælst, 1911a, 120 (in B. t.).—Rail. & Henry, 1909a, 87.

CORDIUS Cam., 1897g, 407 (69) (misprint for *Gordius*).

CORONILLA Ben., 1871a, 6, 17, 18 [possibly earlier] (type? *robusta*) [not *Coronella* Laur., 1768, reptile; not *Coronella* Goldf., 1820, rotifer].—Linst., 1901c, 191–194 (so. *Spiropterina*); 1902, 220 (so. *Proleptus*).—Oerley, 1885a, 105.—Stiles & Hass., 1905b, 95.

minuta Ben., 1871a, 17, 19 [no description] (in *Raia batis*, *R. clavata*; Belgium).—Linst., 1901, 191.—Oerley, 1885a, 105.—Stiles & Hass., 1905b, 95.—Also reported for *R. rubus*.

robusta Ben., 1871a, 18, 19, pl. 3 figs. 2–7 (in *Raia circularis*, *R. clavata*; Belgium) (in *Carcinus mænas*; by MacIntosh).—Carnoy, 1886b, 53, 68, 79, 95, figs. 134–172.—Linst., 1901, 191, 193.—Oerley, 1885a, 105.—Par., 1899, 14; 1899, 98 (in *R. oculata*; Portoferrajo); 1902, 15.—Seur., 1916, 354 (in *C. m.*, *Hyas aranea*, *Pagurus bernhardus*, *Portunus depurator*).—Stiles & Hass., 1905b, 95.—Stoss., 1901, 90 (2) (in *Læviraja oxyrhynchus*; Trieste).

scillicola Ben., 1871a, 6 [no description] (in *Mustelus vulg.*; apparently coast of Belgium).—Linst., 1901c, 191 (to *Spiropterina*) (in *Scyllium canicula*).—Oerley, 1885a, 105.—Stiles & Hass., 1905b, 95.

CORYNOSOMA Lûhe, 1904f, 231, 266 (tod. *strumosum*); 1905b, 342; 1911a, 10, 35–37; 1912, ZJ, v. 1, 272, 274, 275, 276, 277, 282.—Bieler, 1914, v. 43 (9) in 405–416, figs. 1–4.—Geddelst, 1911a, 137.—Porta, 1910, ZA, in 699–703, figs. 1–4.—Stiles & Hass., 1905b, 95.

bullosum (Linst., 1892) Rail. & Henry, 1907, 11 (in *Cystophora proboscidea*).—Porta, 1908, 271 (in *Macrorhinus leoninus*; S. Georgia).

hamanni (Linst., 1892) Rail. & Henry, 1907, 11, 13 (in *Stenorhynchus leptonyx*).—Leiper & Atkinson, 1915, 30–31, pl. 2 figs. 11–12 (in Crab eating seal, Sea leopard, *Trematomus bernacchii*, Weddell's seal).—Porta, 1908, AdP, v. 12, 272–273 (s. antarcticus Rennie, 1906) (in *Ogmorhinus leptonyx*, *O. weddelli*; S. Georgia, Scotland, S. Orkneys).

hystrix (Brems., 1819) Porta, 1908, 225, 230–232, pl. 9 fig. 7 (in *Merganser serrator* *M. castor*, *Phalacrocorax carbo*, *P. auritus*, *P. bicristatus*, *P. graculus*, *Plotus anhing*, *Podiceps griseigena*, *Rana escul.*).—Weiss, 1914, v. 6, 120–122, figs. 1–8.

hystrix tunitæ Weiss, 1914, v. 6 (5), 120–122, 2 figs., figs. 1–6 (in *Sula bassana*; Île de Djerba).

marchii Porta, 1910, v. 35 (22), 702–703, figs. 4a–e (in *Cinclus aquaticus*; Firenze).—*reductum* (Linst., 1905) Rail. & Henry, 1907, 11, 13 (in *Phoca fetida*).

semermis (Forssell, 1904) Lûhe, 1911a, 3, 7, 37, 39–40, figs. 50–53 (larva in *Acerina cernua*, *Cottus quadricornis*, *Clupea harengus membras*, *Osmerus eperlanus*, *Pleuronectes flesus*, *Rhombus maximus*; adult in *Colymbus*, *Halichoerus gryphus*, *Mergus*, *Nyroca hyemalis*, *Otaria jubata*, *Phalacrocorax carbo*, *Phoca hispida*, *P. vitulina*, *Phocæna phocæna*, *Putorius fœtorius*, *Rana escul.*, *Spheniscus demersus*); 1912, ZJ, v. 1, 276.—Bieler, 1914, ZA, 409–411 (in H. g.).—Weiss, 1914, 120, 121.

eipho Rail. & Henry, 1907b, 3, 4, 7, 10 (*Coryuosoma*), 11–13, 14, fig. 4, pl. 1 figs. 13–19 (in *Leptonychotes weddelli*; Antarctic).

strumosum (Rud., 1802) Lûhe, 1904f, 231, 266; 1905b, 342 (s. *Echinor. hystrix*, *hamanni*, *bullosum*); 1911a, 3, 7, 37–39, 40, figs. 45–49 (larva in *Anguilla anguilla*, *Cottus bubalis*, *C. quadricornis*, *C. scorpius*, *Cyclopt. lumpus*, *Lampræta fluviatilis*, *Lotta lota*, *Perca fluviatilis*, *Pleuronectes flesus*, *Rhombus maximus*, *Trachinus draco*; adult in *Colymbus griseigena*, *Felis catus dom.*, *Halichoerus gryphus*, *Mergus merganser*, *M. serrator*, *Otaria jubata*, *Phalacrocorax auritus*, *P. bicristatus*, *P. carbo*, *P. graculus*, *Phoca groenlandica*, *P. hispida*, *P. vitulina*, *Phocæna phocæna*, *Putorius putorius*, *Spheniscus demersus*); 1912, ZJ, v. 1, 274, 275, 276.—Bieler, 1914, ZA, 405–409, figs. 1–2 (in H. g.).—Geddelst, 1911a, 137, fig. 184 (in dom. cat.).—Porta, 1908, AdP, v. 12, 271–272 (s. *Echinor. ventricosus*, *semermis*) (larva in *Clupea harengus*, *Cottus q.*, *Cycl. l.*, *Lophius piscatorius*, *Osmerus eperlanus*, *Petromyzon fluviatilis*, *Platessa flesus*, *R. m.*, *T. d.*, *T. vipera*; adult in H. g., *Phoca annellata*, *P. foetida*, *P. h.*, *P. g.*, *P. v.*, *Phocæna com.*; also in *F. c. dom.*, *Fœtorius putorius*, *Harelda glacialis*; North Sea).—Rail. & Henry, 1907, 11 (in *Delphinus phocæna*, H. g., *Phoca annellata*, *P. foetida* *P. h.*, *P. v.*).—Stiles & Hass., 1905b, 95.—Weiss, 1914, 120, 121.

CORYUOSOMA Rail. & Henry, 1907b, 10 (misprint for *Corynosoma*).

- COSMOCEPHALUS** Mol., 1858d, 151-152 (mt. *diesingii*) [not *Cosmocephala* Stimps., 1857, worm]; 1861c, 295-296.—Carus, 1863, 462.—Dies., 1861a, 672.—R., H. & S., 1912, CrSB, 624.—Stiles & Hass., 1905b, 95.
- alatus* Mol., 1860e, 345 (s. *Spiropt. obvelata*, *Histicc. spiralis*) (in *Alca torda*, *Larus maximus*, *L. argentoides*, *L. argentatus*, *L. canus*, *L. fuscus*, *L. marinus*, *L. medius*, *L. ridibundus*, *Mergus serrator*, *Sterna risoria*, *Totanus hipoleucus*, *T. maculatus*; Europe).—Dies., 1861a, 673.—Linst., 1877, 174 (so. *Fil. obvelata*) (in *Totanus fuscus*).—Stoss., 1898, 96.
- diesingii* Mol., 1858d, 151-152 (in *Larus capistranus*; Padua); 1861c, 296-297, pl. 10 fig. 9-12 (in *L. c.*; P.).—Dies., 1861a, 672-673; 1861, 278.—Linst., 1878a, 167.—Stiles & Hass., 1905b, 95.
- papillosus* Mol., 1859h, 24-25 (in *Larus ridibundus*; Padua).—Dies., 1861a, 673 (in *L. r.*; P.).—Drasche, 1884, 113.—Linst., 1878a, 168; 1889a, 58 (in *L. canus*).—Stoss., 1889, 181; 1892, 72; 1898, 93.
- COSMOCERCA** Dies., 1861a, 614, 645-646 (only positive sp., hence mt. *ornata*) [not *Cosmocercus* Dej., ? coleopt.; Thoms., 1864, coleopt.].—Hall, 1916a, 106.—Rail. & Henry, 1916, CrSB, 115 (type *ornata*); 1916, CrSB, 248 (*ornata* of Dies., 1861, not of Duj., is type), 249, 250.—Stiles & Hass., 1905b, 96.—Stoss., 1898, 81.—See *Nematoxys*.
- commutata* (Dies., 1851) Dies., 1861a, 645-646 (in *Bufo viridis*, *B. vulg.*; M. C. V., Padua); 1861, 274.—Hall, 1916a, 106.—Stiles & Hass., 1905b, 96.—Stoss., 1898, 81.
- ornata* (Duj., 1845) Dies., 1861a, 645 (in *Pelophylax escul.*, *Rana temp.*, *Triton alpestris*).—Rail. & Henry, 1916, CrSB, 115 (of Duj.), 248 (of Dies., not of Duj., is genotype).—Stiles & Hass., 1905b, 96.
- trispinosa* Rail. & Henry, 1916, CrSB, 248 (n. name for *Oxyuris ornata* Duj., of Walter, 1856a).
- COSMOCERCINÆ** Rail., 1916, RMv, 521.
- CRASPEDONEMA** Richters, 1908, 23-24 (mt. *javanicum*).—Steiner, 1916, ZA, 332.
- javanicum* Richters, 1908, 23-24 (Java); 1908, 14-30, pl. 1-2 figs. 1-13; 1909, v. 16 (8), 233-234.—Steiner, 1916, ZA, 329, 332-334, figs. 10a-d.
- CRASSICAUDA** Leiper & Atkinson, 1914, PZSL, 266 (tod. *Fil. crassicauda* Crep.); 1915, 29 (tod. cr.).
- crassicauda* (Crep., 1829) Leiper & Atkinson, [1914, 226;] 1915, 29-30 (in *Humpback whale*, *Megaptera*).—Baylis, 1916, AMNH, 144-148, 1 fig. (in *Balaenoptera borealis*, *B. musculus*, *B. physalus*, *Megaptera nodosa*, *Ziphius cavirostris*).
- CRASSISOMA** Aless., 1909, AdP, v. 13, 459, 474 (mt. *urosubulatum*) (*Sclerostominae*).—Gedöelst, 1911a, 124.
- urosubulatum* Aless., 1909, v. 13, 459, 474, fig. 1 [-20, 22-24] (in *Sus scropha* dom.; Rome, Italy).—Gedöelst, 1911a, 124, fig. 168 (in dom. hog).—Wolffh., 1911, 76.
- CRENOSOMA** Mol., 1861a (b), 435, 437-442 (11, 13-18) (type probably *striatum*).—Carrs, 1863, 464.—Rail. & Henry, 1909a, 86; 1912, 566.—Stiles & Hass., 1905b, 96.—Stoss., 1898, 85; 1899, 55, 66.
- decoratum* (Crep., 1847) Stoss., 1898c, 85-86 (s. *Crenosoma semiarmatum*) (in *bronchi della volpe*; Trieste); 1899d, 67 (in *Canis vulpes*; Europe).
- semiarmatum* Mol., 1861a, 442 (18) (s. *Str. canis-vulpis*, *Lior. vulpis*, *Str. decoratus*) (in *Canis vulpes*; Greifsw., M. C. V.).—Deutsche Zeits. f. Thier., 1889, v. 15, 271.—Müel., A, 1897a, 14-15, pl. 2 fig. 5.—Stiles & Hass., 1905b, 96.—Stoss., 1896, 125-126, fig. 9-10; 1898, 85; 1899d, 67 (so. *decoratum*).—Also reported for *Vulpes vulg.*
- species* Rail., 1899c, 25 (9) (in *bronchi of blaireaux*; by Rail.).
- striatum* (Zed., 1800) Mol., 1861a, 440-441 (16-17), pl. 1 figs. 1-2 (in *Erinaceus europæus*).—Linst., 1883, 296; 1886, 14.—Müel., 1898, 47.—Par., 1887, 494; 1894, 235.—Stiles & Hass., 1905b, 96.—Stoss., 1899, 66-67.
- vulpis* (Duj., 1845) Rail., 1915, 505 (in *chien*) to (*Filaroides*?); 1915, IVC, 744 (in dog).
- CRICOLAIMUS** Southern, 1914a, 20 (mt. *elongatus*) (*Anguillulidæ*).
- elongatus* Southern, 1914a, 21-22, pl. 2 figs. 6a-g (*Black-sod Bay*).
- CRICONEMA** Hofmæn. & Menz., 1914, ZA, 88 (*guernei* should probably be type); 1915, 207.—Menz., 1914, AN, 76; 1917, RsZ, 154, 155, 156, 157.
- aquaticum* (Micol., 1914) Micol., 1917, ZJ, v. 40, [nv.].—Menzel, 1917, 155, 158 (to *Hoplolaimus*).

CRICONEMA—Continued.

guernei (Certes, 1889) Hofmæn. & Menz., 1914, ZA, 88-90; 1915, 207-209, pl. 6 fig. 19.—Menz., 1914, AN, 76-78, 83, figs. 1-4 on plate; 1917, 153, 155, 157 (to *Hoplolaimus*).

heideri Stefanski, 1916, ZA, v. 46 [nv.].

morgense Hofmæn., in Hofmæn. & Menz., 1914, ZA, 88, 90-91; (in feuchten Schlamm v. Moospolster; Switz.); 1915, 209-211, pl. 6 fig. 20; 1917, 154, 155, 157 (to *Hoplolaimus*).

rusticum Micol., 1915, [nv.].—Menzel, 1917, 154, 155, 157 (to *Hoplolaimus*).

CRINO Lam., 1801a, 339-340 (mt. *truncatus*) [not Crino Hübner, 1816, lepidopt.; Gistl., 1848, mollusk].—Bosc, 1802a, 39-42.—Duj., 1845a, 640 (quotes Chabert).—Deslgch., 1824g, 224.—Raf., 1815a, 151 (renamed *Crinola*).—St. Vincent, 1824, V, 67.—Stiles & Hass., 1905b, 96.

truncatus Lam., 1801a, 339-340 [based on Les Crinons Chabert, 1787a, 21-24, a heterogeneous group of round worms found especially in the horse but found also in dogs and other animals. Scudder attributes Crino to Chabert, 1782, but we have been unable to verify this].—Nordm., 1840, 665 (so. ?*Hamularia subcompressa*).

vulgaris Bosc, 1802a, v. 2, 42, pl. 12 fig. 3 (based on *Ascaride crinon* Chabert, pl. 2 fig. 21) (in abd. of dom. quadrupeds).—Rud., 1809a, 208.

CRINOLA Raf., 1815a, 151 (*Crino* Lam. renamed, hence same type).—Stiles & Hass., 1905b, 150.

CRINON Chabert, 1787a, 21-24; cf. Str. *equinus*, 647-648.—Hémont, 1827, 21.—Lænnec, 1813a, 365-369 (see *Crino*).—Laporte, 1792a, 529-530.—Nordm., 1840, 665.

CROSSOCEPHALUS Rail., 1909a, 336 (for *Pterocephalus* Linst., not Schneid., hence type is *viviparus*).

viviparus (Linst., 1899) Rail., 1909a, 336 (in zebra).

CROSSOPHORUS Ehrenb. in Hempr. & Ehrenb., 1828a (*Hyrax*), unpagéd (contains *C. collaris* n. g., and *tentaculatus*) [*collaris* is type] (in cecum of *Hyrax capensis*; by Hempr. & Ehrenb.) [not *Crossophorus* Brady, 1880, crust.; not *Crossophora* Meyrick, 1883, insect. See Zool. Rec., 1884 (for 1883), v. 20. Index, 4].—Duj., 1845a, 292.—Hall, 1916a, 39, 42, 43 (type *collaris*); 1916b, 518.—Mol., 1857a, 151.—Stiles & Hass., 1905b, 96.

collaris Ehrenb. in Hempr. & Ehrenb., 1828a (*Hyrax*) (not paged) (in *Hyrax capensis*; by H. & E.).—Cobbold, 1879b, 403.—Dies., 1851a, 142 (in H. c.; by H. & E.).—Hall, 1916a, 42-43, 44, figs. 47-49 (in *Procavia capensis*, P. *syriaca*; shores, Red Sea).—Schneid., 1866a, 40 (so. *Asc. ferox*).—Stiles & Hass., 1905b, 96.

tentaculatus Ehrenb. in Hempr. & Ehrenb., 1828a (*Hyrax*) (not paged) (in *Hyrax capensis*; by H. & E.).—Cobbold, 1879b, 404.—Duj., 1845a, 292.—Dies., 1851a, 142, 143 (in H. c.; by H. & E.).—Hall, 1916a, 42, 43-44 (in *Procavia capensis*; shores, Red Sea).—Stiles & Hass., 1905b, 96.

CTENOCEPHALUS Linst., 1904f, 12 [not *Ctenocophalus* Kol., 1857] (mt. *tiara*); 1904n, 301 (renamed *Tetradenos*).—R. Bl., 1904, AdP, 478 (renamed *Tanqua*).—Stiles & Hass., 1905b, 96.

tiara (Linst., 1879) Linst., 1904f, 12-13, pl. 2 figs. 23-27 (in *Varanus bengalensis*, V. *salvator*; Bolgoda, Horana); 1904, 301 (to *Tetradenos*); 1906, 173.—Stiles & Hass., 1905b, 96.

CUCULANUM Müell., 1780, 204, 205 (see *Cucullanus*).

CUCULANUS Bloch, 1782a, 34-35 (for *Cucullanus*)—Leidy, 1904a, 45.—Rollst., 1888a, 684.—Stiles & Hass., 1905b, 96.

CUCULLANIDÆ Cobbold, 1879b, 4 (genera not given).—Barrato, 1916, Bm, v. 30, 388 (nov. fam.).—Stoss., 1898, 89.

CUCULLANUS Müell., 1774, ZD, v. 1, 50 [nv.]; "1777, 50, pl. 38, figs. 1-11" [nv.] (tsd, *cirratus*); see 1779, 99-101 (*marinus*, *lacustris*).—Abildg., 1790, 30.—Bellingh., 1844, 478.—Blainv., 1824a, 517; 1828, 542-543.—R. Bl., 1888a, 727 (genus of *Strongylides*).—Bosc, 1802a, 21-22.—Braun, 1883a, 148; 1895b, 205, 220; 1903a, 244, 251, 262; 1906a, 264; 1908a, 274, 283, 294; 1915a, 288.—Bremas., 1824, 125.—Brug., 1791a, 104, pl. 36.—Buetsch., 1876, 231, 237, 238, 248, 249, 402, 405, 409, 410, 440.—Burm., 1837, 535; 1856a, 279.—Carus, 1863, 462.—Cat. RCSL, 1830, 38.—Crep., 1839, 279.—Cuv., 1817a, 31-32.—Dies., 1840,

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- 231.—Duj., 1845a, 245-246 (designates elegans as type).—Encycl. méth., v. 2, 226-229.—Fiebiger, 1912a, 223.—Fisch., 1799, 96; 1840, 153.—Galeb, 1878b, 369.—Goldb., 1855, 111.—Hémont, 1827, 8.—Herbst, 1787a, 14, 21, 42.—L'Hermier, 1826, 10.—Joy, 1835a, 503.—Khitrow, 1900a, 6, 9.—Kreffit, 1871a, 210.—Lam., 1801a, 338; 1816, 204-205.—Lamour, 1824a, 168-170.—Lane, 1916, IJMR, 93, 101.—Leiper, 1910, 387 (in Cyclops).—Leuck., 1867b, 24, 50, 80, 87, 93, 95, 112, 115, 121; 1868a, 451; 1876a, 695, 698, 699, 704, 706, 708; 1879a, 133, 153, fig. 65; 1886d, 101, 119, fig. 65.—Linst., 1906, AN, in 249-258; 1909a, 48, 69.—Looss, 1892a, 127; 1902, 755 (of Schrank).—Martini, 1906, AA, v. 29, 266-274, figs. 1-5; 1908, 558.—Mlinarich, 1832, 6.—Mol., 1857a, 151.—Mordw., 1908, v. 13 (1-2), 144, 191.—Nordm., 1840, 651.—Olfers, 1816a, 23, 56-57.—Olss., 1869b, 488; 1876a, 147.—Perrier, 1871c, 1-8, pl. 3 figs. 1-4.—Pratt, 1916a, 224.—Rail. & Henry, 1915, 273; 1915, 446ff (type *cirratus*).—Rud., 1801, 48, 54; 1802a, 31; 1809a, 4, 15-16, 33, 102, pl. 3 fig. 1-7; 1819a, 19, 230.—Schneid., 1866a, 11, 12, 13, 15, 29, 66, 109-111, 126, 189, 232, 254, 268.—Schrank, 1803, 185.—Schrift. Ber. Ges. Naturf., v. 1, 214.—Seur., 1915, CRSB, 423-426, figs. 1-4.—Shipley, 1896a (1901b), 136, 142, 143, 163.—Slawikowski, 1819, 19, 56.—Stiles & Hass., 1905b, 96, 97.—Trav., 1914, v. 6 (2), 138.—Wallenstedt, 1847, 8.—Ward & Magath, 1917 (for 1916), JP, 59.—Westwood, 1851, 644-645.—Will.-Suhm, 1870, 25.—Zed., 1800a, 6, 85-96; 1803a, 78-80.—Zsch., 1903, 124.—Zwicke, 1841, 19.—See also *Cuculanus*, *Cucullus*.
- abbreviatus* Rud., 1819a, 21, 234-235 (in *Perca cirrosa*: Rome).—Dies., 1851a, 241 (in *Scorpaena cirrhosa*; M. C. V.); 1861a, 650 (to *Dacnitis*).—Duj., 1845a, 249 (in *Perca norwegica*, *Sparus mæna*; Mus. Venice), 269 (to D.).—Schneid., 1866a, 74.—Stoss., 1888a, 294 (18) (to Het.).
- accipenseris* Viborg, 1795, 237 [nv.].—Rud., 1809a, 117; 1819a, 22 (in *Accipenser sturio*; C. E. V.).—Ben., 1870, 23.—Duj., 1845a, 253.—Also reported for *Accipenser huso*.
- acipenseris* Viborg, 1795, 237 nv.—Dies., 1851a, 242 (of Abildg.) (in *Acipenser sturio*; by Abildg.).—Mol., 1861c, 304 (116) (of Viborg so. *papilliferus*).
- alatus* Rud., 1802a, 35-36 (in *Pleuronectes maximus*; by Rud.); 1809a, 106-107; 1819a, 20 (in P. m.; Greifsw.).—Dies., 1851a, 239 (in *Rhombus maximus*; G.); 1861a, 712.—Duj., 1845a, 252 (in P. m.; G.).—Krøyer., 1843-45a, 444 (in R. m.).—Olfers, 1816a, 57.—Schneid., 1866a, 74.—Zed., 1803a, 80.
- anguilla* Schrank, 1788a, 14-15 (based on Goeze, 1782a, 131, pl. 9A figs. 1-2); 1803, 205-206.—Brug., 1791a, 104, pl. 36 fig. 39 (in *Murena anguilla*).—Nordm., 1840, 653 (so. *coronatus*).—Rud., 1809a, 113 (so. c.).—Zed., 1803a, 79 (so. c.).
- armatus* Zed., 1800a, 92-94 (in *Perca vulg.*; by Zed.); 1803a, 79.—Bennet & Olivier, 1826, 39.—Duj., 1845a, 247 (so. *elegans*).—Oken, 1815a, 187.—Rud., 1809a, 107-108 (in P. vulg.); 1819a, 19 (so. e.).—Sramek, 1901, 101 (so. e.).
- ascanides* Rud., 1805a, 41 (misprint for *ascaroides*).
- ascaroides* Goeze, 1782a, 40, 134-135 (in Magen eines Welses, *Silurus*; by Goeze).—Bennet & Olivier, 1826, 40-41 (in *S. glanis*).—Bosc, 1802a, v. 2, 23.—Dies., 1851a, 340 (so. *Nematoideum siluri-glanidis*).—Fabr., 1794, 30.—Rail. & Henry, 1915, 271, 272, 273 (in S. g.).—Rud., 1805, 41; 1809a, 30; 1810a, 254 (to *Prionoderma*); 1819a, 567.—Zed., 1800a, 90; 1803a, 50.
- avium* Fabr., 1794, 31.
- buteonis* Gmel., 1790a, 3051 (in *Falco buteo*; Goeze, 1782a, 85).—Bosc, 1802a, 22.—Dies., 1851a, 333 (so. *Nematoideum falconis-buteonis*).—Rud., 1809a, 116; 1810a, 380.—Zed., 1800a, 89.
- cernuæ* Nordm., 1840a, 652 (so. *elegans*).
- cirratus* Müell., 1777, ZD, v. 1, 4 [nv.]; 1780c, 209, 217.—Gmel., 1790a, 3052.—Nordm., 1840, 652 (so. *foveolatus*).—Pall., 1781, 104 (*cirratus*).—Rail. & Henry, 1915, 273; 1915, 446, 447.—Rud., 1802a, 35; 1809a, 109 (so. f.).
- cirratus* Pall., 1781, 104 (for *cirratus*).
- clitellarius* Ward & Magath, 1917 (for 1916), JP, 59-60, figs. 5, 9 (in *Acipenser rubicundus*; Lake St. Clair).
- conoideus* Bloch, 1782a, 35, pl. 10 figs. 5-7 (in *Anas dom.*; by Zed.).—Dies., 1850a, 383 (so. Dist. *echinatum*).—Herbst, 1787a, 42.—Looss, 1899, 680.—Müell., 1784a, 18.—Rud., 1809a, 418, 420, 432 (so. D. e.).

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coronatus Zed., 1800a, 91 (in *Muraena anguilla*; Ing.); 1803a, 78-79 (s. *anguillæ* Schrank, *lacustris* Gmel.).—Duj., 1845a, 247 (so. *elegans*).—Lam., 1816, 206.—Nordm., 1840, 653 (s. el., lac., ang.).—Oken, 1815a, 187-188.—Olfers, 1816a, 57.—Risso, 1826, 260.—Rud., 1809a, 113-114 (s. ang., lac. ang.); 1819a, 20 (in *intest. et abdom. Cyprini aspii*, *Esocis lucii*, *Gadi lotæ*, *Percæ luciopercæ*, *P. fluv.*, *P. cernuæ*, *P. zingel*).—Sramek, 1901, 101 (so. el.).

dumerilii (Linst., 1897, not Perrier, 1871) Rail. & Henry, 1915, 451 (so. *Camallanus confusus*).

dumerilii Perrier, 1871c, 1-8, pl. 3B figs. 1-4 (*emyde peinte*; Mus. Nat. Hist. Paris).—Linst., 1878a, 177 (in *Emys picta*); 1897, 615-616, pl. 28 figs. 19-26; 1909, 69, fig. 51 (in *E. lutraria*).—Seur., 1915, 426 (s. *microcephalus* Duj. of Linst.) (in *E. l.*).—Stoss., 1891, 109.—Also reported for *Cistudo europæa*, *E. sp.*

elegans Zed., 1800a, 91 (in *Lucioperca*; Ing.); 1803a, 79 (s. *luciopercæ* Schrank, *percæ* Schrank, *lacustris* Gmel.) (in *L. cernua*, *L. fluv.*).—A., D., & E., 1901f, 5.—Bellingh., 1844, 478.—Ben., 1858a, 1861a, 274-275, 337 (in *perche*); 1866, 209.—Bennet & Olivier, 1826, 40 (in *Esox lucius*, *Gadus lota*, *Perca fluv.*, *P. cernua*).—Blainv., 1828, 542.—R. Bl., 1890a, 7 (*Oxyuris velocissima*=embryo).—Brems., 1824, 125.—Braun, 1883a, 156, 158; 1895b, 211, 220.—Bütsch., 1875d, 103-110, pl. 5 figs. 1-8; 1875e, lix-lxi; 1876, 222-227, 229, 230, 409, 438, 442, pl. 3.—Cobbald, 1879, 474.—Crep., 1839, 279.—Dies., 1851a, 238-239 (s. *viviparus* Bloch, *luc.*, *per.*, *lac.*, *armatus*, *papillosus*, *coronatus*, *Echinor. lacustris* Zöga) (in *Anguilla vulg.*, *A. acutirostris*, *Acerina vulg.*, *Aspro zingel*, *Aspius rapax*, *Coregonus oxyrhynchus*, *E. l.*, *Gasterosteus aculeatus*, *Lota com.*, *Lucioperca sandra*, *Osmerus eperlanus*, *Perca fluv.*, *Salmo salar*; M. C. V., Greifsw., Wien); 1861c, 281; 1861a, 712-713 (s. *truncatus*, *alatus*) (in *Rhombus maximus*, *Silurus glanis*; G.).—Duj., 1845a, 247-249 (s. *percæ-fluviatilis* et *cernuæ* Müell., *vivip.*, *luc.*, *per.*, *lac.*, *anguillæ*, *per.*, *luc.*, *cernuæ* Gmel., *arm.*, *pap.*, *cor.*) (in *Cyprinus aspius*, *C. barbus*, *E. l.*, *Gadus lota*, *Gast. acul.*, *L. s.*, *Perca cernua*, *P. fluv.*, *P. labrax*, *P. zingel*, *Salmo eperlanus*, *S. oxyrhynchus*, *S. salar*; Rennes, Greifsw., Berl.).—Fisch., 1840, 153.—Gabriel, 1853a, 1-104, 3 pls.—Galeb, 1878b, 334, 341; 355, 368.—Goette, 1884a, 57, fig. 9.—Hofer, 1904a, 227, 229, 271-296, fig. 152 (in *Acerina cernua*, *Anguilla vulg.*, *Aspius rapax*, *Aspro zingel*, *Coregonus eperlanus*, *E. l.*, *Gast. acul.*, *Lota vulg.*, *Luciop. s.*, *O. e.*, *Perca fluv.*, *Silurus glanis*, *Trutta lacustris*, *T. salar*).—Kholodk., 1901, 253 (in *Perca*).—Kœberlé, 1859a, 103; 1862d, 9.—Kœll., 1843, 85-90, 97, 137, fig. 23-41.—Kowal., 1894, 225; 1894, 6; 1896d, 8 [258] (in *P. fluv.*; Lwow).—Krøyer., 1838-40a, 20, 41, 54, 592, 615; 1843-45a, 184; 1846-53a, 253, 510, 641; 1852-53a, 1215 (in *Acerina vulg.*, *Anguilla migratoria*, *Asp. rap.*, *Coregonus oxyrhynchus*, *E. l.*, *Gast. acul.*, *Lota vulg.*, *Luciop. s.*, *Osmerus eperlanus*, *P. fluv.*, *Salmo salar*).—Lam., 1816, 205.—Leuck., 1867b, 92, 109, fig. 31, 73, 81, 83, 84; 1876a, 623, 694.—Linst., 1873, 4 (in *P. fluv.*); 1878a, 206; 1885, 239; 1889a, 71 (*P. f.*, *T. s.*); 1909, 69, fig. 52 (in *Acerina c.*, *A. schraetser*, *Asellus aquaticus*, *Aspro zingel*, *Aspius rapax*, *Cor. oxyr.*, *Cyclops quadricornis*, *E. l.*, *Gast. acul.*, *Leuciscus rutilus*, *Lota vulg.*, *Luciop. s.*, *O. e.*, *Perca fluv.*, *Sil. gl.*, *Tinca vulg.*, *Tr. lac.*, *T. salar*, *T. trutta*, *T. fario*).—Lint., 1901, 410, 441, 476, 488, fig. 205, 206 (in *Gadus callarias*, *Lophius piscatorius*).—Looss, 1892a, 108.—Lüthe, 1905b, 149, 235 (= *Echinor. lacustris* Zöga).—Martini, 1903a, 531-532; 1903b, 501-556, figs. 1-8, pls. 26-28 figs. 1-35; 1903c, 204-205; 1903d, 904-906; 1906a, 699, 702, 703, 704, 706, 708, 712, 713, 714, 715, 717-762, pls. 30-33 figs. 1-34; 1907, ZwZ, 10, 11, 13 pl. 1 figs. 50-51, pl. 3 fig. 82a.; 1907; 3, 1908, 551.—Mordw., 1908, v. 13 (1-2), 191.—Müeh., 1898, 52.—Müell., 1880, 194.—Nordm., 1840, 652 (s. *percæ*, *lac.*, *luciop.*, *cernuæ*), 653 (so. *cor.*).—Oken, 1815a, 187 (in *Gadus lota*, *Perca cernua*).—Olfers, 1816a, 57.—Ols., 1869b, 499, 514.—Perez, 1866a, 220, 224, 237, 288, 289, 292.—Pratt, 1916a, 224.—Rail. & Henry, 1915, 273 (type of *Camallanus*); 1915, 447, 448.—Rollset., 1888a, 683, 685 (in *Cyclops*, *perch.*).—Rud., 1802a, 32-35 (in *Perca lucioperca*, *Hecht*), 42; 1809a, 102-106, pl. 3 fig. 1-3, 5-7 (s. *percæ*, *percæ-fluv.*, *percæ-lacustris*, *vivip.*, *luciopercæ*, *Echinor. lac.* Müell.); 1814a, 88; 1819a, 19-20, 230-231.—Schneid., 1866a, 28, 66, 110-111, 209, 221, 251, 255, 267, 270, 278, 280, 284, 285, 286, 290, 292, 293, 294, 295, 296, 297, 299, 300, 307, 310, 314, pl. 4 fig. 6-7, pl. 26 fig. 10-11.—Schneid., 1913, 31.—Seur., 1916, 354.—Sieb., 1839, 159.—Shiple, 1896a (1901b), 143, 161.—Sramek, 1901, 95, 96 (in *Anguilla fluv.*, *Esox lucius*, *Perca fluv.*); 1901, 96, 101, fig. 54, a-d (s. *truncatus*, *luciop.*, *per.*, *arm.*, *papillosus*, *cor.*, *Asc. velocissima*) (in *E. l.*).—

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- Stewart, 1914, 182.—Stöss., 1898, 89.—Vauil., 1901, 120.—Wagener, 1857, 52.—Walter, 1866, 71-72.—Wedl., (1), fig. 26-28.—Zsch., 1884, 12, 29, 30, 78-81 (in E. l., *Lota vulg.*, *Perca fluv.*, *Trutta variabilis*); 1896, 773, 774, 780, 784, 817, 818, 820, 821 (in *Luciop. s.*, *Perca fluv.*); 1903, 132, 133, 134, 139, 146, 147 (in *Lota vulg.*).—Also reported for *Cyprinus aspius*, *Gadus lota*, *Salvelinus fontinalis*.
- emydis-lutaræ* Sieb.—Koell., 1843a, 85 [in *Emys lutaria*; lng].
- esuriens* (Duj., 1845a) Carus, 1884, 173.—Stöss., 1888a, 291 (15) (so. *Het. foveolata*); 1898, 78.
- farionis* Gmel., 1790a, 3052 (in *Salmo fario*; Gœze, 1782a, 133) (*lacustris farionis*).—Nordm., 1840, 652 (so. *globosus*).—Rud., 1809a, 111 (so. g.).
- foveolatus* Rud., 1809a, 109-111, pl. 3 fig. 4 (s. *marinus*) (in *Gadomus intestinis*; by Müell.); 1819a, 21, 233-234.—Bellingh., 1844a, 479.—Cobbold, 1858b, 159 (so. *Dacnitis globosa* Duj.); 1879, 474, fig. 83.—Dies., 1851a, 240-241; 1861a, 650-651, 713-714.—Duj., 1845a, 251 (s. *mar.*) (in *Blennius phycis*, *Gadus morrhua*, *Muræna cassini*; Nap.), 270 (pars, in *Muræna conger*) (so. *Dacn. hians*).—Krøyer., 1838-40a, 605, 611; 1843-45a, 41, 275; 1852-53a, 1226 (in *Anguilla conger*, G. m., *Platessa limanda*, P. *vulg.*).—Lam., 1816, 205-206.—Nordm., 1840, 652 (s. *mar.*, *cirratus*, *muticus*).—Oken, 1815a, 187.—Olfers, 1816a, 57.—Rail. & Henry, 1912, 258 (so. *Dacn. esuriens*); 1915, 447.—Schneid., 1866a, 74 (to *Het.*).—Stöss., 1887f (1888a), 290 (14) (to *Het.*); 1898, 78.
- globosus* Zed., 1800a, 92, 94-96 (in *Salmo trutta*; by Zed.); 1803a, 8.—Dies., 1851a, 239-240; 1861a, 649, 713. Duj., 1845a, 250 (s. *lacustris* Gmel.) (in S. *fario*, S. t.; M. C. V.), 269 (to *Dacnitis*).—Hofer, 1904a, 229-259 (in S. *huchto*, *Trutta fario*, T. *trutta*).—Krøyer., 1838-40a, 615; 1843-45a, 644 (in S. f., S. t.).—Lam., 1816, 206.—Linst., 1878a, 264 (in T. f.); 1890d, 183 (to *Dac.*).—Lint., 1901b, 476, 488, figs. 205-206 (in *Gadus callarias* (G. *morrhua*)); 1905, 329.—Nordm., 1840, 652 (s. *lac.*, *farionis*, *truttæ*).—Olfers, 1816a, 57.—Risso, 1826, 260.—Rud., 1809a, 111-113 (s. *lac.*, *far.*, *tr.*); 1819a, 20.—Stöss., 1890, 56; 1897, 5.—Zsch., 1884, 81.—Also reported for *Lota molva*.
- halecis* [(Gmel., 1790)] Fabr., 1794, 33-35, 36 (in herring; Copenhagen).—Rud., 1809a, 61 (so. *Fil. capsularia*).
- heterochrous* Rud., 1802a, 36-38 (in *Pleuronectes flesus*; Greifsw.); 1809a, 114-116 (in P. f.; lng); 1819a, 21 (in P. f.; G.).—Ben., 1858a, 1861a, 272 (to *Dacnites*).—Crep., 1839, 280.—Dies., 1861a, 649 (so. *Dac. esuriens* Duj. & Mol.).—Duj., 1845a, 252 (in P. f., P. *platessa*, P. *solea*; G., M. C. V.), 270 (so. *Dac. es.*).—Krøyer., 1838-40a, 610, 612; 1843-45a, 297 (in *Platessa flesus*, P. *vulg.*, *Solea vulg.*).—Olfers, 1816a, 57.—Schneid., 1866a, 74 (so. *Het. foveolata*).—Stöss., 1887f (1888a), 290 (14) (so. *Het. f.*); 1898, 78.—Zed., 1803a, 80.
- hydri* Rud., 1819a, 21 (in *Hydrus caspius*; C. E. V.).—Dies., 1851a, 242 (in *Hydrophis russellii*; M. C. V.).—Linst., 1878a, 184.
- [*integer* Rail. & Henry, 1915, BSPE, 447 (=muticus) (not as specific name; see Müell., 1779, 100, fig. 8).]
- lacustris* (Zoega in Müell., 1776) Müell., 1779a, 100 (in *Perca fluv.*; by Müell.); 1780c, 205, 214, 217 (in Barsen; by Müell.).—Fabr., 1794, 31.—Lühe, 1905b, 235 (*Cucullanus*) (s. C. *elegans* Zed.).—Stiles & Hass., 1905b, 97.—See also next entry.
- lacustris* Gmel., 1790a, 3051-3052 [quotes Müell., see preceding entry] (with subsp. α *murænae-anguillæ*, β *percæ*, γ *luciopercæ*, δ *cernuæ*, ϵ *farionis*, ζ *salaris*).—Bosc, 1802a, 23, pl. 11 fig. 10 (in intest. & liver of anguille, perche, saumon) (quotes Gœze, 1782a, pl. 9a figs. 1-3, B figs. 4, 9-10; Müell. pl. 1 figs. 8, 14).—Cuv., 1817a, 32 (in perch).—Duj., 1845a, 247 (ang., percæ, *luciop.*, *cernuæ*) (so. *elegans*), 250 (*farionis* so. *globosus*).—Fabr., 1794, 31.—Nordm., 1840a, 652 (*percæ*, *luciop.*, *cernuæ*, so. *elegans*, *farionis* so. *globosus*), 653 (so. *coronatus*).—Rud., 1802a, 27 (so. *Asc. capsularia*), 31 (also *l. salaris*); 1809a, 102-103 (*percæ*, *luciop.*, p. *cernuæ*, so. *elegans*).—Westwood, 1851, 644.—Zed., 1800a, 90; 1803a, 79 (in *Perca lucioperca*, P. *cernua*, P. *fluv.*) (so. *elegans*), 79 (in *Muræna anguilla*) (so. *coronatus*).
- lacustris anguillæ* Schrank, 1788) Rud., 1809a, 113 (so. *coronatus*) [Gmel., 1790a, 3051 says: *lacustris*, *murænae-anguillæ* Gœze, 1782a, 130].—Bennet & Olivier, 1826a, 39-40.—Duj., 1845a, 247 (so. *elegans*).

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- lacustris farionis* Gmel., 1790a, 3052.—Rud., 1809a, 111 (so. globosus).—(Gmel., gives this under *C. lacustris* as *ε farionis*).—Duj., 1845a, 250 (so. globosus).—Nordm., 1840a, 652 (so. globosus).
- lacustris luciopercae* (Schränk, 1788) Gmel., 1790a, 3051.—Rud., 1793a, 22–24; 1809a, 103 (so. elegans) Gmel., gives this under *lacustris* as "*luciopercae*, *C. percae-luciopercae* Goeze," 1782a, 131, pl. 9a fig. 3).—Duj., 1845a, 247 (so. elegans).
- lacustris murænae-anguillæ* Gmel., 1790a, 3051 (quotes Goeze).
- lacustris percae-cernuæ* Gmel., 1790a, 3051.—Rud., 1809a, 103 (so. elegans) (Gmel., gives this under *C. lacustris* as "*cernuæ* & *C. percae-cernuæ*").
- lacustris salaris* Gmel., 1790a, 3052.—Rud., 1802a, 31; 1809a, 179 (so. capsularia) (Gmel. gives this under *lacustris* as *γ salaris*).—Dies., 1851a, 163 (so. Asc. caps.).—Bennet & Olivier, 1826, 40 (in *Salmo salar*).
- lævinconchus* Wedl, 1861b, 463–464, 481, pl. 1 figs. 1–4 (in *Synodontis schali*; Egypt).—Linst., 1878a, 250 (in S. s.).
- luciopercae* Schränk, 1788a, 14 (based on Goeze, 1782a, 131, pl. 9A fig. 1–3, et pl. 9B figs. A–B, 4–9).—Brug., 1791a, 105, pl. 36 fig. 5 (in *Perca lucioperca*).—Duj., 1845a, 247 (so. elegans).—Frič & Vavra, 1901, 101.—Nordm., 1840a, 652 (so. e.).—Rud., 1809a, 102, 103 (so. e.).—Zed., 1803a, 79 (so. e.).
- marinus* Müell., 1779a, 99–101, pl. 38 figs. 1–11 (in intest. Gadi; by Müell.); 1788a, 50–51, pl. 38 figs. 1–11 (in Gadus); 38 figs. 1–11.—Bosc., 1802a, 23.—Brug., 1791a, 104, pl. 35 fig. 10–15 A–E (in *Gadus plurimorum* intest.).—Cobbold, 1858b, 159 (so. *Dachnitis globosa*) (in *Lota molva*).—Duj., 1845a, 251 (so. foveolatus).—Fabr., 1794, 31.—Gmel., 1790a, 3052 (quotes Müell., 144, figs. 1–11).—Lam., 1801a, 338.—Nordm., 1840a, 652 (so. fov.).—Rail. & Henry, 1915, 273; 1915, 446, 447.—Rud., 1802a, 35; 1809a, 109 (so. fov.).—Stiles & Hass., 1905b, 96.—Zed., 1800a, 90–92 (in *Gadus intestinalis*); 1803a, 80.
- melanocephalus* Rud., 1819a, 20, 232–233, 640, 641 (in *intestinis Scomberi coliae*, rochei, sardæ; Nap.).—Ben., 1870, 37.—Dies., 1851a, 240 (in *Auxis vulg.*, *Pelamys sarda*, *Scombercolias*, at Nap.; *Thynnus vulg.*, in M. C. V.); 1861a, 713.—Duj., 1845a, 249 (in *Scomber sardæ*, *S. rochei*, *S. colias*; Nap., by Rud.).—Krøyer., 1838–40a, 596 (in T. vulg.).—Linst., 1878a, 218.—Schneid., 1866a, 66, 111, pl. 4 figs. 4, 5.—Also reported for *Auxis rochei*, *S. thynnus*.
- microcephalus* Duj., 1845a, 246 (testudinis Rud. renamed) (in *Emys orbicularis*; Mus. Wien).—Dies., 1851a, 242 (s. test.) (in E. europæa, *Podocnemis tracaxa*, *P. expansa*, *Rhinemys depressa*; by Brems. and in Brazil); 1861a, 713 (s. trispinosus) (in *Chelonura serpentina*, E. eur., E. guttata, E. lutraria, E. reticulata, E. serrata, P. t., R. d.; Phila., Padua, M. C. V.); 1861c, 281.—Leidy, 1888f, 127 (in intest., terrapin; by Leidy); 1904a, 212.—Linst., 1878a, 176; 1909, 69 (in E. lut.).—Mol., 1858, 153; 1861c, 304 (in E. l.; Pad.).—Rail. & Henry, 1915, 450 (in E. lut.; Pad., Wien).—Schneid., 1866a, 126.—Seur., 1915, CrSB, v. 78 (14), 423–426 (6–9), figs. 1–4 (in *Clemmys leprosa*; Médéa); 1916, 342, 354 (to Camallanus).—Stiles & Hass., 1894e, 344 (in *Emys palustris*; Coll. Leidy).—Also reported for *Chelydra serpentina*, *Cistudo carolina*, *C. europæa*.
- minutus* Rud., 1819a, 21, 235 (in *Pleuronectes passer*; Mus. Wien).—Dies., 1851a, 230 (to *Histioc.*).—Duj., 1845a, 252.—Schneid., 1866a, 74 (so. *Het. foveolata*).
- muris* Gmel., 1790a, 3051 (in *Muris intestinalis tenuibus*; Goeze, 1782a, 242).—Bosc., 1802a, v. 2, 22.—Fabr., 1794, 30.—Rud., 1809a, 156, 170–171 (so. Asc. obtusa Frøel.).—Zed., 1800a, 89.
- muticus* Müell., 1777, 4 [nv.]; 1779d, 144, pl. 38 figs. 8–11 [nv.]; 1780c, 209 [nv].—Gmel., 1790a, 3052 (in Gadus; quotes Müell., Z. D., v. 1, 144, pl. 38 figs. 8–11).—Nordm., 1840a, 652 (so. foveolatus).—Pall., 1781a, 104 (in Bارسen; by Pall., pl. 38, der Z. D.).—Rail. & Henry, 1915, RMv, 273, 446 (cf. integer), 447.—Rud., 1809a, 109 (so. foveolatus Rud.), 111 (quotes Viborg, 1795, 237, and Müell., Zool. Dan.) (in *Gadus morhua*).
- nigrescens* Linst., 1906, 253, pl. 17 figs. 10–11 (in *Rana hexadactyla*; Koenigsb.).
- ocreatus* (Goeze, 1782) Schränk, 1788a, 14, 95 (in *Maulwurf*; by Goeze).—Bennet & Olivier, 1826, 39 (in *Talpa europæa*).—Bosc., 1802a, v. 2, 22.—Dies., 1850a, 326 (to Monost.).—Fabr., 1794, 30.—Gmel., 1790a, 3051.—Nordm., 1840a, 624 (to M.).—Rud., 1793a, 24; 1809a, 329 (to M.).—Zed., 1800a, 88–89.
- orthagoriscus* (Rud., 1819) Stoss., 1896, 191, pl. 8 fig. 3; 1898c, 90 (in *Orthagoriscus mola*; Trieste).—Barbag. & Drago, 1903, 417 (in O. m.; Catania).—Rail. & Henry, 1915, 451 (in O. m.).

CUCULLANUS—Continued.

- pachystomus* Linst., 1873g, 296-297, pl. 13 figs. 3-4 (in *Bliccopsis rutiloides*; by Linst.).
- papilliferus* Mol., 1858 (1859e), 299 (in ventric. *Accipenser sturio*; Padua); 1861c, 304-305 (in A. s.; P.).—Dies., 1861a, 713; 1861, 281 (in A. s.).—Hofer, 1904a, 229.—Linst., 1878a, 277.
- papillosus* Zed., 1800a, 92 (in *Esox lucius*; Ing.); 1803a, 79.—Duj., 1845a, 247 (so. elegans).—Olfers, 1816a, 57.—Rud., 1802a, 34; 1809a, 108-109; 1819a, 19 (so. e.).—Srámek, 1901, 101 (so. e.).
- perca* Schrank, 1788a, 15 (in Barsch, Forelle, Quappe, Lachs; Goeze, 1782a, 132, pl. 9B figs. A-B, 4-9.—Bennet & Olivier, 1826a, 39.—Brug., 1791a, 105, pl. 36 fig. 6 (in *Perca fluvi.*).—Duj., 1845a, 247 (so. elegans).—Froel., 1802, 31-32 (in P. f.).—Linst., 1878a, 214.—Nordm., 1840a, 652 (so. e.).—Rud., 1809a, 102-103, 117 (so. e.).—Srámek, 1901, 101 (so. e.).—Zed., 1803a, 79 (so. e.).
- perca* Viborg, 1795, 237 [nv.].—Abildg., —.—Dies., 1851a, 242 (in *Sebastes norvegicus*).—Rud., 1809a, 117 (*perca-norvegica*); 1819a, 22 (in *Perca norvegica*).—Krøyer, 1838-40a, 168 (in S. n.).
- perca-cernuæ* (Gmel., 1790).—Rud., 1809a, 102 (so. elegans) (quotes Müell., 1781b, 133).
- perca-fluviatilis* Rud., 1809a, 102 (so. elegans) (quotes Müell., 1781b, 133).—Duj., 1845a, 247 (so. elegans).
- perca-norvegica* Viborg, 1795, 237 [nv.].—Rud., 1809a, 117.
- platessa* Rud., 1809a, 116-117 (in *Pleuronectes platessa*; by Treviranus); 1819a, 22 (in P. p.).—Ben., 1858a (1861a), 272 (so. *Dacnites heterochrous*).—Duj., 1845a, 270 (s. *Dac. esuriens*).
- rana* Gmel., 1790a, 3051 (in *Rana temp.*; Goeze, 1782a, 98).—Bosc, 1802a, v. 2, 23.—Dies., 1851a, 314 (so. *Str. auricularis*).—Duj., 1845a, 131 (so. S. a.).—Linst., 1905, 193.—Mol., 1861c, 331 (so. S. a.).—Rud., 1802, 41 (so. S. a.); 1809a, 223.—Zed., 1800a, 90.
- reptilium* Fabr., 1794, 31.
- roseus* Leidy, 1851a, 155 (in *Testudo* sp.; from Java); 1856b, 54; 1886e, 313 (in instest. of *Manouria fusca*); 1904a, 45, 99-100, 193.—Dies., 1861a, 713 (in *Testudinis species javanica*).—Linst., 1878a, 176 (in T. sp.).—Rail. & Henry, 1915, 451 (in M. f., T. sp.).—Stiles & Hass., 1894e, 344 (in M. F.; Coll. Leidy).
- salaris* Gmel., 1790a, 3052 (*lacustris salaris*).—Dies., 1851a, 163 (so. *Asc. capsularia*).—Rud., 1802a, 27 (so. A. c.); 1809a, 179 (so. A. c.) (for *Cucullanus* of the Lachs; Goeze, 1782a, 133, pl. 8 fig. 9, 10).—Seur. 1916, 354.
- solea* Rud., 1819a, 22 (in intestinis *Pleuronectis solea*; C. E. V.).—Ben., 1858a (1861a), 272 (so. *Dacnites heterochrous*).—Duj., 1845a, 270 (so. *Dac. esuriens*).
- spari* Rud., 1819a, 22 (in intestinis *Spari mænæ*; C. E. V.).—Dies., 1851a, 339 (so. *Nematoideum mænæ*).
- species* Krøyer, 1846-53a, 367 (in *Tinca vulg.*), 488 (in *Solea vulg.*).
- species* Lint. (1899), 1901b, 410, 441, figs. 207-208 (in *Fundulus heteroclitus* Woods Hole Region); 1905d, 325 (so. *Het. species*).
- species* Lint., 1901b, 410, 453 (in *Rhombus triacanthus*; Vineyard Sound).
- squali* (Duj., 1845) Dies., 1851a, 243 (for *squali-galei*) (in *Galeus canis*; M. C. V.); 1861a, 651 (to *Dacnitis*).—Krøyer, 1852-53a, 851 (in G. vulg.).—Stoss., 1887f (1888a), 293 (17) (to *Het.*).
- squali-galei* Duj., 1845a, 253 (in *Squalus galeus*; Mus. Wien), 272 (so. *Dacnitis squali*) (in S. g., M. W.).
- sturionis* Krøyer, 1852-53a, 778 (in *Acipenser sturio*) (quotes Abildg.).
- talpæ* Schrank, 1788a, 14 (in Maulwurf; Goeze, 1782a, 130, pl. 8 figs. 7-8).—Bennet & Olivier, 1826a, 38-39 (in *Talpa europæa*).—Bosc, 1802a, 22 (dans la membrane du peritoine de la taupe).—Brug., 1791a, 105, pl. 36 figs., 1, 2 (in adipe peritonæi *Talpæ europææ*; Goeze, 1782).—Dies., 1850a, 326 (so. *Monost. ocreatus*) (contains *ocreatus* Schrank); 1851a, 165 (so. *Asc. incisa* Rud.).—Fabr., 1794, 30.—Gmel., 1790a, 3051.—Nordm., 1840a, 656 (so. *Asc. inc.*).—[Müell., 1787a, 77.]—Rud., 1802a, 31; 1809a, 163 (so. *Asc. inc.*); 1809a, 329 (so. *Monost. ocreatus* Zed.).—Seur., 1916, 342, 354.—Zed., 1800a, 88.

CUCULLANUS—Continued.

- testudinis* Rud., 1819a, 21 (in *Testudo orbicularis*; C. E. V.).—Baird, 1853a, 28 (so. microc.).—Dies., 1851a, 242 (so. m.).—Duj., 1845a, 246 (so. m.).
- tinca* Rud., 1819a, 22 (in *Cyprinus tinca*; C. E. V.).—Dies., 1851a, 243 (in *Tinca chrysis*; M. C. V.).—Hofer, 1904a, 229 (in *T. vulg.*).—Linst., 1878a, 257.
- tridentatus* Drasche, 1884, 116, pl. 5 figs. 1–2 (in *Vastres cuvieri*; lng.).—Linst., 1889a, 96.
- trispinosus* Leidy, 1851b, 240 (in small intest., *Emys guttata*; lng.); 1904a, 58–59.—Dies., 1851a, 713 (so. microc.).—Also reported for *Chelopus guttatus*.
- truncatus* Rud., 1814a, 88 (in *Silurus glanis*; by Rud.); 1819a, 20, 231–232 (in S. g.; Greifsw.).—Dies., 1851a, 239; 1861a, 712 (so. elegans Zed.).—Duj., 1845a, 250 (MS. g.; G.).—Krøyer., 1846–53a, 137.—Linst., 1878a, 206 (so. e.).—Mol., 1861c, 305.—Olfers, 1816a, 57.—Srámek, 1901, 101 (so. e.).—Stoss., 1898, 89.
- trutta* Fabr., 1794, 30–33, pl. 3 figs. 9–12 (in *Salmo trutta*).—Dies., 1861a, 649 (so. *Dacnitis globosa*).—Duj., 1845a, 269 (so. D. g.).—Nordm., 1840a, 652 (so. g.).—Rud., 1809a, 111 (so. g.).
- viviparus* Bloch, 1782a, 34–35, pl. 10 figs. 1–4 (*Cuculanus*) (in *Perca fluvi.*; by Bloch); 1788a, 77, pl. 10 fig. 1–4.—Duj., 1845a, 247 (so. elegans).—Herbst, 1787a, 42.—Rud., 1809a, 102 (so. e.).
- viviparus* n. sp. Linst., 1906, v. 1 (13), 253–254, pl. 17 fig. 12–13 (in intest., *Damonias revesii*, *Cinosternon*; Zool. Mus., Koenigsb.).—Rail. & Henry, 1915, BSPE, 451 (renamed *Camallanus undulatus*).

OCULLUS Zed., 1803a, 50 (misprint for *Cucullanus*) [not *Cucullus* Blainv., 1834, Acal.].—Looss, 1902m, 755.—Stiles & Hass., 1905b, 97.

ascaroides (Goeze, 1782) Zed., 1803a, 50.

CYATHOLAIMUS Bast., 1865c, 95, 162–165 (tsd. ocellatus).—Cobb, 1888a, 33.—Hofmæn., 1913, 633–634.—Jægers., 1909, 6, 33.—Man, 1907, 70.—Menz., 1914, AN, 47.—Oerley, 1880, 143.—Stefanski, 1915, ZA, v. 45, 346–349, figs. 1–6.—Stiles & Hass., 1905b, 97.

cæcus Bast., 1865c, 163, figs. 213–214 (marine surface mud; Falmouth).—Man, 1907, 70, 71, 72, 73, 87 (Zealand); 1907, 239.—Savelev, 1912, 123.—Steiner, 1915, 230–231.—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

dubiosus Büetsch., 1874b, 284, fig. 31a–b (Kieler Bucht).—Man, 1876a, 161–162; 1876b, 84–85, pl. 10 fig. 39a–b.—Oerley, 1880, 144.—Schneid., 1906d, 626.—Southern, 1914, PRIA, v. 31, 29 (Blacksod Bay, Clew Bay).—Villot, 1875a, 466 (Kiel).

elongatus Man, 1907, v. 10, 239 (free; Veere, Ierseke); 1907, 33, 70–73, 87, pl. 4 fig. 14 (Zealand).

fluviatilis Cobb, M. V., 1915, 38–39 (Maple River, Mich.).

gracilis (Eberth, 1863) Bast., 1865c, 165.—Stiles & Hass., 1905b, 97.

intermedius Man, 1880a, 16–17 (s. *dubiosus* Man) (in moist soil; Holland); 1906, 165, 166, 167, 168.—Ditlevsen, 1912, 222.—Menz., 1914, AN, 47.

micoletzkyi Stefanski, 1915, ZA, 348 (Czarma River, Pologne).

ocellatus Bast., 1865c, 163, figs. 210–212a (tide-pools; Falmouth).—Man, 1907, 87 (Zealand); 1907, 239.—Southern, 1914, PRIA, v. 31, 29 (Blacksod Bay, Bofin Harbor).—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

ornatus Bast., 1865c, 163–164, figs. 215–216 (tide-pools; Falmouth).—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

proximus Büetsch., 1874b, 285, fig. 30a–b (Kieler Bucht).—Villot, 1875a, 465.

punctatus Bast., 1865c, 164, figs. 217–218 (marine surface mud; Falmouth).—Man, 1890b, 180–184, pl. 4 fig. 6 (Calados, de la Manche); 1907, 72.—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

ruricola Man, 1880a, 18 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 137.—Micol., 1914, 483–484.

species Micol., 1914, ZJ, 485, pl. 17 fig. 27 (in fresh water; Ostalpen).

striatus Bast., 1865c, 164, figs. 219–220 (marine surface mud; Falmouth).—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

tenax (Man, 1876) Man, 1884a, 16, 20, 21, 53, 56, 193, 195, pl. 7 fig. 28.—Hofmæn., 1913, 634.—Hofmæn. & Menz., 1915, 137.—Jægers., 1909, SFD, 33, fig. 44.—Menz., 1914, AN, 32, 48, 82.—Micol., 1914, 434; 1915, 264–265.

CYATHOLAIMUS—Continued.

tenuicaudatus Savelev, 1912, 122-123 (free).

terricola Man, 1880a, 17-18.—Cobb, 1888a, 33.—Brakenhoff, 1914, v. 22, 274.—Hofmæn. & Menz., 1915, 136.—Menz., 1914, AN, 33, 47-48, 82.

truncatus Cobb, 1914, TAMS, 38, 60-62, 94, pl. 6 fig. 17 (Silver Springs, Fla.); 1914, TAMS, v. 33 (2), 94, pl. 6 fig. 17.

CYATHOSTOMA E. Bl., 1849a, 182-185 (mt. lari).—Looss, 1901a (1902), 36, 86 (so. Sclerost.).—Stiles & Hass., 1905b, 97.

lari E. Bl., 1849a, 183-185, pl. 7 fig. 5 (in *Larus ridibundus*).—Dies., 1851a, 306-307 (renamed *Sclerost. cyathostomum*); 1861a, 717 (so. S. c.).—Gerv. & Ben., 1859b, 106.—Looss, 1901, 36.—Mol., 1861a (561), 137 (to S.).—Rail., 1898, 402.—Stiles & Hass., 1905b, 97.—Stoss., 1899, 100 (to *Syngamus*).

tadornæ Chatin, 1874a, 1-6, pl. 1 (8) figs. 1-11 (in *Anas tadorna*, *Tadorna beloni*; lng.).—Linst., 1878a, 152 (to *Sclerost.*).—Rail., 1898, 402 (to *Syngamus*).—Stoss., 1899, 99 (to *Syngamus*).

tadornæ Chatin, 1874a, 6 (misprint for *tadornæ*).

CYATHOSTOMUM Mol., 1861a(b), 435, 451-455 (11, 27-31) (mt. tetracanthus) [not *Cyathosoma* E. Bl., 1849a, nematode] [renamed *Cylichnost.*].—Hut. & Mar., 1906a, 2, 405; 1910b, 509.—Looss, 1900c, 153, 157; 1901a, 36, 47, 86; 1901g, May, 27; 317 (renamed *Cylichnost.*).—Rail. & Henry, 1902a, 110 (of Looss, not Mol. so. *Cylicost.* Looss).—Stiles & Hass., 1905b, 97.

affine Stoss., 1902e, 14, pl. 4 figs. 21-22 (in *Felis catus ferus*; Ghinda, Eritrea).

alveatum Looss, 1900c, 185-186, 187 (in *Equus* ¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

auriculatum Looss, 1900c, 189-190 (in *Equus* ¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

bicoronatum Looss, 1900c, 159-160 (in *Equus* ¹; Egypt), 192.—Gough, 1908, 4 (in equines; S. Africa).

calicatum Looss, 1900c, 185 (in *Equus* cab.; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

catinatum Looss, 1900c, 186-187 (in *Equus* ¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

coronatum Looss, 1900c, 159 (in *Equus* ¹ [cab., etc.]; Egypt), 185.—Gough, 1908, 4 (in equines; S. Africa).

elongatum Looss, 1900c, 188-189 (in *Equus*; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

labratum Looss, 1900c, 158, 159 (in *Equus* ¹; Egypt); 1901a, 125 (pars, so. *Cylichnost. labiatum*).

nassatum Looss, 1900c, 187, 188, 189, 190 (in *Equus* ¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

poculatum Looss, 1900c, 184-185 (in *Equus* cab.; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

radiatum Looss, 1900c, 187-188, 189 (in *Equus* ¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

tetracanthum (Mehl., 1831) Mol., 1861a, 453-455 (29-31), pl. 1 figs. 5-6 (in *Equus* cab., E. asinus, E. mulus; *Irisanga*) (s. *Str. armati* proles Rud., *Sclerost. quadridentatum* Duj., Sc. *hexacanthum*).—Fiebiger, 1912a, 285.—Gough, 1908, 4 (in equines; S. Africa).—Hut. & Mar., 1906a, 406; 1910b, 509; 1913b, 2, 509-510, 511, 512, fig. 75.—Linst., 1904, 9 (to *Cylichnost.*).—Looss, 1900c, 156-157, 157-158, 188, 190; 1901, 36, 110.—Rail., 1893a, 46 (to *Sclerost.*).—Stiles & Hass., 1905b, 97.—Ward, 1895a, 339 (in E. c.).

CYLICHNOSTOMIDÆ Looss, (1901a) 1902, May 13, 74, 86.

CYLICHNOSTOMUM Looss, (1901a) 1902, May 13, 36 (type *tetracanthum*), 37, 38, 43, 56, 59, 66, 69, 79, 80, 81, 82, 86-92, 96, 97, 98, 99, 101, 102, 106, 108, 113, 114, 118, 119, 120, 121, 130, 132, 133, 134, 136, 138; 1901? or 1902, 38, 86-132 [equals *Cyathost.* Mol., renamed] (not *Cyathost.* E. Bl.); 1901g, May 27, 317; 1905, 30, 38-40.—Blgr., 1917, P, v. 9, 203-212, figs. 1-5.—Ihle, 1917, 164, 165.—Leiper, 1910, 23-26.—Linst., 1904, 8-9.—Rail. & Henry, 1902a, 110 (so. *Cylicost.* Looss).—Stiles & Hass., 1905b, 97.

¹ In this paper Looss uses "Pferd und Esel" at the heading, but he does not state definitely with each species whether he found the parasite in one or both of these hosts.

CYLICHNOSTOMUM—Continued.

- alveatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey; Egypt), 95, 105, 106, 114, 116, 126 (sp. diag.), 128, 131, figs. 45, 46, 65, 68, 84, 106, 114, 128, 162, 163.—Blgr., 1917, P, 210, 211.
- auriculatum* (Looss, 1900) Looss, (1901a) 1902, 39 (in donkey; Egypt), 89, 91, 92, 94, 95, 96, 97, 98, 101, 102, 122, 130 (sp. diag.), 131, 132, 137, 138, figs. 63, 64, 79, 101, 111, 148, 149, 150.—Blgr., 1917, P, 207, 209.
- bicoronatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey; Egypt), 91, 92, 95, 96, 97, 98, 99, 105, 106, 109, 116, 117, 125–126 (diag.), 132, 133, figs. 49, 50, 67, 86, 103, 113, 127, 136, 153.—Blgr., 1917, P, 204, 205, 206.
- calicatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in horse; Egypt), 91, 94, 95, 97, 99, 104, 116, 127 (diag.), 132, 137, figs. 53, 54, 77, 82, 117, 158, 159.—Blgr., 1917, P, 204.
- catinatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey), 93, 95, 96, 104, 116, 128 (diag.), 131, figs. 51, 52, 72, 91, 96, 119, 125, 167, 168.—Blgr., 1917, P, 210, 211.
- coronatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey & horse; Egypt), 88, 93, 95, 99, 104, 106, 116, 125 (diag.), 131, 137, figs. 55, 56, 92, 93, 94, 105, 115, 124, 137, 156, 157.—Blgr., 1917, P, 204.
- elongatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey; Egypt), 88, 89, 91, 92, 94, 95, 96, 98, 104, 105, 115, 116, 129–130 (diag.), 131, 133, figs. 61, 62, 76, 85, 97, 112, 130, 141, 144, 145.—Blgr., 1916, P, 435; 1917, P, 207, 209.
- euproctus* Blgr., 1917, P, 204–207, figs. 1–2 (in Equus cab.; Birmingham).
- goldi* Blgr., 1917, P, 204, 210–211, fig. 5 (in Equus cab.; Birmingham).
- insigne* Blgr., 1917, P, 204, 207–209, figs. 3–4 (in Equus cab.; Birmingham).
- labiatum* Looss, (1901a) 1902, May 13, 38, 39 (in donkey; Egypt), 93, 95, 99, 104, 105, 116, 119, 125, 131, figs. 43, 44, 78, 83, 99, 118, 122, 138, 154–155.
- labratum* (Looss, 1900) (Looss, 1901a) 1902, May 13, 38, 39 (in donkey), 90, 91, 92, 95, 99, 105, 115, 119, 124 (diag.), 125, 131, 137, figs. 38, 39, 40, 73, 80, 81, 95, 109, 120, 139, 151, 152.
- nassatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 38, 39 (in donkey & horse; Egypt), 87, 88, 91, 92, 93, 94, 95, 96, 98, 99, 100, 104, 106, 114, 115, 117, 122, 128, 129 (diag.), 130, 131, 132, 136, 137, figs. 57, 58, 89, 71, 74, 102, 107, 121, 140, 164.—Blgr., 1917, P, 204.
- populatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in horses; Egypt), 91, 94, 95, 96, 97, 99, 104, 106, 107, 113, 115, 126 (diag.), 127, 132, figs. 47, 48, 69, 90, 98, 108, 123, 134, 160, 161.—Blgr., 1917, P, 204.
- pugnicaudatum* Leiper, 1910, 23–25, figs. 1–5 (in *Phacochoerus aeliani massaicus*; Kilimandjaro).
- radiatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 38, 39 (in donkey and horse; Egypt), 88, 91, 92, 94, 95, 96, 98, 129 (diag.), 130, 131, figs. 59, 60, 66, 88, 100, 110, 129, 142, 146, 147.
- tetracanthum* (Mehl., 1831) Looss, (1901a) 1902, May 13, 38, 39 (in donkey & horse; Egypt), 93, 94, 95, 96, 115, 117, 119, 124, 131, figs. 41–42, 70, 87, 104, 116, 125, 133, 165, 166.—Blgr., 1917, P, 204.—Conreur, 1915, AbM, v. 5 (8), 323–348 (cachexia verminosa).—Fiebiger, 1912a, 285.—Linst., 1904, 9.—Seur., 1916, 343.
- CYLICOLAIMUS Man, 1889, 1–2 (mt. magnus); 1907, 55.—Maupas & Seur., 1916, 616.—Stiles & Hass., 1905b, 97.
- jægerskiældi* Tüerk, 1903, Dec. 9 (1903–1904a), 334–340 (marine; Nap.).
- magnus* (Villot, 1875) Man, 1889, 1–2.—Jægers, 1904b, 421; 1908, 676; 1909, 16, 64.—Southern, 1914, PRIA., v. 31, 39–40, pls. 6–7, figs. 19a–f (Blacksod Bay, Clew Bay).—Stiles & Hass., 1905b, 97.
- CYLICOSTOMA Looss, 1911, v. 4, 209, 320, 324, 328, 365, 396, 397, 402, 404, 515 (for *Cylicostomum*).
- mettami* Leiper, 1913, VJ, v. 68, 460–462, figs. a–c (in Equus cab.; Lond.).
- tetracanthum* (Mehl., 1831) Looss, 1911a, 324, pl. 15 fig. 163.
- CYLICOSTOMATA Looss, 1905, 111 (plural for *Cylicost.*).
- CYLICOSTOMEÆ Rail. & Henry, 1909b, 170 (group of Ankylostominae; contains *Cylicost.*, *Oesophagodontus*, *Gyaloc.*, *Triodontophorus*, *Eucyathost.*); 1912, 565 (contains C., O., G., T., E.).—Hall, 1916a, 107, 114, 119, 122; 1916b, 518.—Lane, 1917, IJMR, 428, 433.—Nev.-Lem., 1912a, 648–649, 1208.

- CYLICOSTOMINÆ** Rail., 1915, RMv, 492 (contains *Cylicost.*, *Gyaloc.*, *Oesophagodontus*, *Triodontophorus*); 1915, IVC, 735.—Hall, 1916a, 114 (so. *Cylicostomæ*); 1916b, 521.
- Cylicostomose* Gillet & Teppaz, 1914, Rv, v. 71 n. s., v. 39 (8), 489.—Conreur, 1915, AbM, 323–348 (*Equidæ*); 1916, TVB, Lond., 44–45.
- CYLICOSTOMUM** Looss, 1901, in Rail., 1901, Ev, v. 30 (1), 40 (for *Cylichnost.*) (type *tetracanthum*).—Rail. & Henry, 1902a, 110 (s. *Cyathost.* Looss, *Cylichnost.* Looss); 1909b, 170 (type *tat.*); 1912, 565.—Faria & Trav., 1914, AbM Rio, 193, pl. 7.—Gedœlst, 1903a, 56, 92 (for *Cylichnost.*); 1911a, 126.—Hall, 1916a, 114, 119.—Looss, 1905a, 20, 30 (history of name), 38, 40, 62, 74.—Nev.-Lem., 1912a, 649.—Stiles & Hass., 1905b, 97.
- alveatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- auriculatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- bicoronatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- calicatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.—Wolffh., 1911, 71–72.
- calicatum* Nev.-Lem., 1912a (index 1208) (for *calicatum*).
- catinatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- coronatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.—Wolffh., 1911, 72.
- elongatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- falciferum* (Cobbold, 1882) R., H., & B., 1914, BSPe, 207.
- labiatum* (Looss, 1901) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- labratum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 126 (in horses).—Nev.-Lem., 1912a, 744.
- nassatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127, fig. 170 (in horses).—Nev.-Lem., 1912a, 744.
- pileatum* R., H., & B., 1914, 208–209, figs. 4–5 (in elephant; Hué).—Lane, 1917, IJMR, 432.
- poculatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- radiatum* (Looss, 1900) Gedœlst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.
- sipunculiforme* (Baird, 1859) R., H., & B., 1914, BSPe, 207.
- tetracanthum* (Mehl., 1831) Gedœlst, 1903a, 56; 1911a, 126 (in horses).—Craig, 1915, 496.—Cuillé, Marotel, & Roquet, 1913, v. 26 (16), 556–568, 568–570.—Hut. & Mar., 1913b, 509.—Nev.-Lem., 1912a, 285, 743.—Rail., 1915, 492; 1915, IVC, 735 (in horse).—Rail. & Henry, 1909b, 170.
- CYLICOSTOMUS** Leneveu, 1915, RgMv, 600 (for *Cylicostomum*).
- CYLINDROLAIMUS** Man., 1880a, 34–35 (tsd. *communis*).—Cobb, 1916, JP, 199–200, fig. 1.—Hofmæn., 1913, 620.—Menz., 1914, AN, 53.—Stiles & Hass., 1905b, 97.
- aberrans* Micol., 1915, ZJ, 258–261, pl. 25 figs. 1a–d (*Grundlsee*).
- brachystoma* Hofmæn. in Hofmæn. & Menz., 1914, ZA, 85–86, figs. 7–9 (*Léman* u. *Vierwaldstättersee*, u. *Langensee*); 1915, 159–160, pl. 5 figs. 11, a–c, 12.
- communis* Man, 1880a, 34 (in moist soil; Holland).—Daday, 1905, v. 23, 326.—Hofmæn. & Menz., 1915, 157–158.—Menz., 1914, AN, 40, 53–54.—Stiles & Hass., 1905b, 97.
- lacustris* Hofmæn., 1913, RsZ, 620–621, pl. 15 figs. 10–11 (*aquatic*; Ouchy, *Lac Léman*).—Hofmæn. & Menz., 1914, ZA, 91 (*Neuenburgersee*, *Switz.*); 1915, 158.
- macrurus* Daday, 1899, Mte, v. 17, 570–571; 1905, Mte, v. 23, 326.
- melancholicus* Man, 1880a, 35 (in sand; Holland); 1906, 160.—Daday, 1905, v. 23, 326.—Ditlevsen, 1912, 235.—Stiles & Hass., 1905b, 97.

CYLINDROLAIMUS—Continued.

obtusus Cobb, 1916, JP, 199, 200 (in sand filter beds; Wash., D. C.).

politus Daday, 1905, Z, v. 18, 58–59, pl. 3 figs. 8–9 (fresh water; Paraguay); 1905, Mte, v. 23, 326.

tristis Ditlevsen, 1912, 235–236, pl. 3 figs. 21, 23, 26 (in the Furesö).

CYLINDROPHARYNX Leiper, 1911, PZSL, 551 (tod. *brevicauda*) (Cylicostominæ).—Lane, 1917, IJMR, 431.

brevicauda Leiper, 1911, 551, fig. 141 (in zebra; Brit. E. Africa).

longicauda Leiper, 1911, 551, fig. 142 (in zebra; Brit. E. Africa).

CYRNEA Seur., 1914, CrSB, 390–393 [type by present designation *eurycerca*] [not *Cyrnia* Walsingham, 1900, Ins.]; 1914, BSHnA, 153, 154; 1914, CrAS, 1018.

eurycerca Seur., 1914, CrSB, v. 76 (9), 390–393, figs. 1–5 [Perdix rouge; Corsica]; 1914, 153; 1914, 1018; 1914, 69.

excisa (Mol., 1860) Seur., 1914, CrSB, 393 (in *Ciconia maguari* in Brazil; *cigone blanche* in Algeria); 1914, 153; 1914, 1018; 1914, BSHnA, v. 6 (3), 65–70 figs. 1–4 (in *Ciconia ciconia*, Algeria; *Ciconia alba asiatica*, Turkestan; C. m., Brazil).

semilunaris (Mol., 1860b) Seur., 1914, BSHnA, 153 (Brazil).

CYSTIDICOLA Fischer, 1798b, 98 (mt. *farionis*, also tat. *Fissula cystidicola*); 1798a, 306, fig. 7; 1799a, 95–100, pl. 2 figs. 1–6.—Cloq., 1822a, 97; 1822b, 32.—Deslgch., 1824i, 242.—Hall, 1916a, 64.—Lamour, 1824a, 298.—Nordm., 1840a, 657.—Raf., 1815a, 151 (g. of *Physelmia*).—Rail., 1916, JP, 99, 100, 103.—Rud., 1801, 57; 1802a, 30.—Stiles & Hass., 1905b, 97–98.—Ward & Magath, 1917 (for 1916), JP, 57–58.—See also *Fissula*, *Ophiostoma*, *Ophiostomum*.

farionis Fischer, 1798b, 98 figs. 7a–f (in trout; by Fischer); 1798a, 304–309, 1 pl. figs. 1–8; 1799a, 95–100, pl. 2 figs. 1–6.—Cloq., 1822a, 97.—Drew, 1909, v. 2 (3), 193–201, (in trout).—Humb., 1808a, 228.—Lam., 1801a, 339 (so. *Fissula cystidicola*).—Leiper, 1908, P, v. 1 (2) 193–194 (anat.); 1909, v. 44, 140.—Rail., 1916, 103 (in *Trutta fario*, T. *trutta*, *Squalius cephalus*, *Thymallus vulg.*, *Coregonus oxhyrhnchus*).—Rud., 1809a, 122; 1819a, 25–26, 245.—Shipley, 1908h, 190–192 (in trout); 1909h, 51; 1909n, 140; 1909t, 61–64, fig. 1 [erroneously attributed to *Trichostr. pergracilis* in the rainbow trout].—Stiles & Hass., 1905b, 97–98.

impar (Schneid., 1866) Rail., 1916, JP, 103 (in *Coregonus albula*, C. *fera*, C. *lavarretus*, *Gasterosteus aculeatus*, *Osmerus eperlanus*, *Trutta fario*).

serrata (Wright, 1879) Rail., 1916, JP, 103 (in *Coregonus albus*).

stigmatura (Leidy, 1886) Ward & Magath, 1917 (for 1916), JP, 57.

CYSTOCEPHALUS Rail., 1895a, 1302 (mt. *Globoc. longemucronatus*) [not *Cystoc. Lager*, 1892]; 1896d (e), 161 (5) (*Globoc.*, Mol., renamed); 1902b, 109 (renamed *Characost.*).—Stiles & Hass., 1905b, 98.

longemucronatus (Mol., 1861) Rail., 1895a, 1302; 1896d (e), 161 (5) (in porc).—Aless., 1909, 474.

CYSTOPSIS Wagner, 1867, 6 [not accessible to us; given on authority of Scudd., 1884a, 90, who quotes from Marshall] (probably mt. *acipenseri*).—Linst., 1904n, 297 (for *Cystoopsis*).—Stiles & Hass., 1905b, 98.—Zykov, 1903a, 60 (for *Cystoopsis*).

acipenseri Wagner 1867, 6 [nv.].—Stiles & Hass., 1905b, 98.

acipenseris Wagner, 1867, 6 [nv.].—Linst., 1904n, 297 (in *Acipenser ruthenus*; Petrograd).

CYSTOOPSIS Zykov, 1902, Apr. 15, 229–233 (see *Cystopsis*).—Linst., (in Zykov), 1902, 452.—[Melnikoff, (1871–1872) 1875, 6.].—Stiles & Hass., 1905b, 98.

acipenseri (Wagner, 1867) Zykov, 1902c, 229–233 (for *acipenseris*) (in *Acipenser ruthenus*); 1902d, 452; 1903a, 58–61, figs. 26–28 (for *acipenseris*).

acipenseris (Wagener, 1867) Zykov, 1902c, 229–233, figs. 1–2; 1902, July 29, 452; 1903a, 58–61, figs. 26–28 (*acipenseri*); 1905b, 41 (in *Acipenser*, ?*Simulia reptans*).—Linst., 1903u (1904a), 270 (6) (in *Acipenser huso*; Caspian Sea); 1904n, 297–299, figs. 1–6 (in A. *ruthenus*; Petrograd); 1905b, 41.—[Melnikoff, 1871–1872.].—Seur., 1916, 343 (in *Eusimilium reptans*).—Skorikov, (1902a), 459–460 (in A. r.).

- DACHMIUS Bail., 1862e, 549-556 (misprint for Dochmius).—Stiles, 1903k (1), 15.—Stiles & Hass., 1905b, 98.
- trigonocephalus* (Rud., 1808, of Erc., 1854) Bail., 1862e, 549-556 (anatomy) (in dog).
- DACHNITIS Cobbold, 1858b, 159 (for Dacnitis).
- globosa* (Duj., 1845) Cobbold, 1858b, 159 (in *Lota molva*).
- DACNIDINA Carus, 1863, v. 2, 462 (f., contains Dacnitis).
- DACNITES Ben., 1858a (1861a), 271 (see Dacnitis Duj.).—Stiles & Hass., 1905b, 150.
- conger* Ben., 1871a, 82 (in *Conger vulg.*; Belgium).
- DACNITIDÆ Baird, 1853a, 32.—Lane, 1916, IJMR, 103 (n. fam., contains: Dacnitis, Serradacnitis, Bulbodacnitis).
- DACNITIS Duj., 1845a, 267-272 (tsd esuriens).—Carus, 1863, 462.—Dies., 1861a, 649.—Hall, 1916a, 64.—Lane, 1914, Oct., 655 (g. of Kathlaniniæ), 656; 1916, IJMR, 93-104, figs. 1-18.—Linst., 1909, 48, 57.—Lint., 1905, 325.—Mol., 1858, 299; 1861c, 305.—Mordw., 1908, v. 13(1-2), 191.—Oerley, 1885a, 103.—Rail. & Henry, 1912, 257, 258 (type esuriens); 1915, 447; 1915, 273.—Schneid., 1866a, 66, 68, 109, 126.—Stiles & Haas., 1899, 105; 1905b, 98.—Stoss., 1898, 77; 1899a, 6.—Trav., 1913, 272, 309 (type esuriens); 1914, v. 6(2), 138.—See also Dacnites, Dacnitis, Daenitis.
- abbreviata* (Rud., 1819) Duj., 1845a, 269 (in *Perca cirrosa*; Rome).—Carus, 1884, 174.—Dies., 1851a, 241 (to *Cucullanus*); 1861a, 650 (in *Scorpena cirrhosa*; R.).—Lane, 1916, IJMR, 94.—Linst., 1878a, 215 (=Cuc. abbreviata) (in S. c.).—Mol., 1861c, 305.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 294(18) (to Het.).
- attenuata* Mol., 1858 (1859e), 299 (in intest. *Leuciscus cavedanus*; Padua); 1861c, 305 (in L. c.; P.).—Dies., 1861a, 650 (in L. c.), 275.—Lane, 1916, IJMR, 93.—Linst., 1878a, 256 (in L. c.).—Rail. & Henry, 1914, 682 (in *Squalius cavedanus*).—Stoss., 1888a, 293(17) (to Het.).
- callichroi* Stewart, 1914, RIM, 173-174, 182, 187-188, pl. 21 figs. 35-38 (in *Callichrous macrophthalmus*; Lucknow).—Lane, 1916, IJMR, 94.
- callicroi* Lane, 1916, IJMR, 94 (for *callichroi*).
- conger* Ben., 1871a, 82 (Dacnites) (in *Conger vulg.*; Belgium).—Linst., 1878a, 272 (in C. v.).
- esuriens* Duj., 1845a, 270 (s. *Cucullanus heterochrous*?, *platessæ*, *soleæ*) (in *Pleuronectes latus*, P. solea; Paris, Rennes).—Ben., 1858a, 1861a, 272 (so. Dacnites heterochrous).—Dies., 1851a, 241 (so. Cuc. het.); 1861a, 649 (s. Cuc. het., Dac. het.) (in *Dentex vulg.*, *Platessa vulg.*, *Solea vulg.*; Greifsw., Belgium, Padua).—Lane, 1916, IJMR, 93.—Mol., 1859, 833 (in D. v.; P.); 1859b, 26-27 (s. Cuc. het., sol., plat.) (in D. vulg., P. flesus, P. lata, P. v., S. v.; Europe); 1861c, 305.—Olss., 1869b, 499, 514.—Rail. & Henry, 1914, 682 (in *Pleuronectes*); 1915, 447.—Schneid., 1866a, 74.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 291(15) (so. Het. foveolata); 1898, 78.—Trav., 1913, 309 (in fish).
- falci-rufi* Drasche, 1883b, 125, pl. 7 fig. 21 (in *Falco rufus*; Ing.).
- falconis-rufi* Linst., 1889a, 41 (in *Circus rufus*) (for *falci-rufi*).
- foveolata* (Rud., 1809) Stewart, 1914, 174.
- foveolata* (Rud., 1809) Linst., 1890d, 184 to (*Cucullanus*) (in *Pleuronectes*).—Barbag. & Drago, 1903, 417 (in *Dentex vulg.*, *Phycis mediterraneus*; Catania).—Stoss., 1892, 73; 1898, 78-79.
- fusiformis* Mol., 1860e, 344 (in *Platessa flesus*; M. C. V.).—Dies., 1861a, 651 (in P. f.; M. C. V.).—Drasche, 1883, 124, pl. 7 fig. 20.—Lane, 1916, IJMR, 93.—Linst., 1878a, 245; 1889a, 88 (in P. f.); 1903, 269.—Rail. & Henry, 1914, 682 (in *Pleuronectes*).—Stoss., 1888a, 290(14) (to Het.); 1898, 78.
- gadum* Ben., 1858a (1861a), 274 (in *Gadus morrhua*; Ing.).—1871a, 56 (Dacnitis) (in *Morrhua vulg.*; Belgium).—Dies., 1861a, 651 (s. *Cucullanus foveolatus* Rud.) (in G. m., "G. callarias?").—Stoss., 1888a, 292(16).
- globosa* (Zed., 1800) Duj., 1845a, 251, 269 (in *Salmo fario*; Rennes) (s. Cuc. truttæ).—Cobbold, 1858b, 159, pl. 31 figs. 20-23 (Dacnitis) (s. Cuc. foveolatus, marinus) (in *Lota molva*; Edinb.).—Dies., 1851a, 240 (to Cuc.); 1861a, 649-650 (in S. f., S. trutta; Remi); 1861, 275.—Hofer, 1904a, 230 (in *Trutta fario*).—Lane, 1916, IJMR, 93, 94, 95.—Linst., 1890d, 183-184, figs. 12-16 (in T. f.); 1909, 57, fig. 20 (in T. trutta).—Mol., 1861c, 305.—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.

DACNITIS—Continued.

- heterochrous* (Rud., 1802) Ben., 1858a, 1861a, 272 (in intest., plie) (s. *Cucullanus platessæ*, heterochrous, solæ, Dacnites esuriens).—Dies., 1861a, 649 (so. e.).—Stoss., 1888a(b), 291(15) (so. *Het. foveolata*); 1898, 78.
- hians* Duj., 1845a, 270–271 (*Muræna conger*; Rennes) (s. ? *Cucullanus foveolatus*, pars).—Dies., 1851a, 241 (so. *Cuc. fov.*); 1861a, 650 (s. *Cuc. fov.*) (in *Conger vulg.*, Rennes; *C. cassinii*; *Muræna helena*; Nap.).—Carus, 1884, 174.—Krøyer, 1846–53a, 615; 1852–53a, 1226 (in *Anguilla conger*).—Lane, 1916, IJMR, 93.—Linst., 1878a, 272 (in *Conger vulg.*).—Lint., 1901, 410 436, figs. 203, 204 (in *Leptocephalus conger*).—Mol., 1861c, 305, 309 (*hyans*, 309).—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 293(17) (to *Het.*).
- hyans* Mol., 1861c, 309 (for *hians*).
- lævis* Heitz in Zsch. & Heitz, 1914, 200, 220–226, pl. 7 fig. 1 (in *Salvelinus malma*; Kamtschatka).
- longicollis* Stoss., 1899a, 6, figs. 10–12 (in *Mullus barbatus*; Istria).—Lane, 1916, IJMR, 94.—Rail. & Henry, 1914, 682 (in *M. b.*).
- marina* Müell., 1779, Rail. & Henry, 1914, 682 (in *Gadus morrhua*) (s. *gadurum*).—Lane, 1916, IJMR, 93.
- platessæ* Ben., 1871a, 76 (in *Platessa vulg.*; Belgium).—Linst., 1878a, 246 (in *P. v.*).
- præcincta* (Duj. 1845) Rail. & Henry, 1914, 682 (int. du congre).—Lane, 1916, IJMR, 93.
- præcinctus* (Duj., 1845) Stoss., 1892b, 73(10) (in *Conger vulg.*; Nap.); 1898, 77–78.
- rotundata* Mol., 1859h, 27 (in *Cantharus vulg.*; Padua).—Carus, 1884, 174.—Dies., 1861a, 649 (in *C. v.*; *P.*).—Linst., 1878a 212 (in *C. v.*).—Rail. & Henry, 1914, 682 (in *C. v.*).—Stewart, 1914, 174.—Stoss., 1888a, 293(17) (to *Het.*).—Also reported for *C. lineatus*.
- sphærocephala* (Rud., 1809) Duj., 1845a, 271–272 (in *Accipenser microcephalus*, *A. sturio*; Paris, Berl.) (s. *Pleuror.*) (in *A. s.*).—Ben., 1858a(1861a), 272–274 (in *A. s.*); 1871a, 23 (in *A. s.*).—Cobbold, 1858b, 162, pl. 33 fig. 51 (in *A. s.*).—Dies., 1851a, 245 (to *Ophiost.*); 1861a, 650–651 (s. *Cucullanus acipenseris*).—Jæskeläinen, 1913, 93, 248 (in *Coregonus lavaretus*; Finland).—Lane, 1916, IJMR, 93.—Linst., 1878a, 276 (in *Acipenser schypa*); 1909, 57, fig. 19 (in *A. st.*).—Lint., 1901, 410, 435, fig. 200, 201.—Mol., 1861c, 305.—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 292(16) (to *Het.*).—Also reported for *Accipenser stellatus*, *A. gueldenstädtii*).
- squali* Duj., 1845a, 272 (in *Squalus galeus*; Mus. Wien, Paris) (s. *Cucullanus squali-galei*).—Dies., 1851a, 243 (to *Cuc.*); 1861a, 651 (in *Gadus [lapsus for Galeus] canis*).—Lane, 1916, IJMR, 93, 99.—Linst., 1878a, 278 (in *Galeus canis*).—Mol., 1861c, 305.—Oerley, 1885a, 103, 105–106 (in *G. c.*); 1885b, 217.—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 293(17) (to *Het.*).
- stelmioides* Vessichelli, 1910, *Monitore ZI*, v. 21 (11–12), 304–307 (in *Petromyzon planeri*; Sarno).—Lane, 1916, IJMR, 94.—Rail. & Henry, 1914, 682 (in *P. p.*).
- DACNITOIDES Ward & Magath, 1917 (for 1916), JP, 60 (mt. cotylophora) (*Spiruroidea*).
- cotylophora* Ward & Magath, 1917 (for 1916), 60–61, figs. 6–7 (in *Perca flavescens*, *Stizostedion vitreum*; Lake St. Clair).
- DACNITTS Ben., 1871a, 56 (misprint for Dacnitis).
- gadurum* [Ben., 1858] Ben., 1871a, 56 (in *Morrhua vulg.*; Belgium) [marked as n. sp., see however *gadurum* 1858].
- DACTYLUS Curling, 1839a, 274–287 (mt. aculeatus) [not *Dactylus* 1753, moll.; not *Dactylum* Megerle, see Scudd., 1884, mollusk]; 1840a, 33–34.—Dies., 1851a, 259.—Stiles & Hass., 1905b, 98 [an annelid].
- aculeatus* Curling, 1839a, 274–287, pl. 4 figs. 1–5 (in *Hominis vesica urinaria*; by Curling); 1840a, 33–34, figs. 20–22.—d'Almeido Couto, 1872, 26.—R. Bl., 1889a, 703 (so. *Enchytreus albidus*) (in *Homo*).—Cobbold, 1866, 9; 1866n, 23 (so. *E. a.*).—Dav. 1877, cxxiii, 296.—Dies., 1851a, 359 (in *H.*; by Drake).—Dungl., 1893, 820.—Küech., 1855, 463.—Lankester, 1857c, 438–443.—Mcq. Tand., 1860, 386.—Sieb., 1840, 187.—Stiles & Hass., 1905b, 98.—Weinl., 1858a, 90; 1859, 284–285.—Willey, 1863a, 19–20.

- DAENITIS Linst., 1900, 130 (misprint for Dacnitis).—Stiles & Hass., 1905b, 98.
- DAGDA Southern, 1914, 29 (mt. bipapillata) (Anguillulidæ).
bipapillata Southern, 1914, 30-31, pl. 4 figs. 10a-g (Blacksod Bay).
- DARYLAIMUS Linst., 1878a, 343 (misprint for Dorylaimus).—Stiles & Hass., 1905b, 98.
- DECRUSIA Lane, 1914, July, 386 (tod. decrusa=decrusi) [Strongyloidea].
additicia Lane, 1915, IJMR, v. 3, 106 (for Str. additictus); 1917, *ibid.*, 430.
decrusa Lane, 1914, 386-387 (for decrusi).
decrusi Lane, 1914, 386-387, pl. 52 figs. 15-24 (in *Elephas indicus*; Travancore).
- DELETROCEPHALÆ Rail. & Henry, 1911, 574 (tribe of Strongylinae, containing Deletroc., Codiost.); 1912, 565.
- DELETROCEPHALIDEA Dies., 1861a, 621, 714-715 (subf. of Strongylidea, contains Deletroc., Diaphanoc.).—Carus, 1863, v. 2, 463.
- DELETROCEPHALINÆ Rail., 1916, RMv, 521.
- DELETROCEPHALUS Dies., 1851a, 82, 298 (mt. dimidiatus).—Carus, 1863, 463.—Goldb., 1855a, 112.—Hall, 1916a, 121, 122.—Linst., 1907, v. 3 (3), 251-259, pls. 6-7 figs. 1-22.—Mol., 1861a, 436, 538, 539, 567-574 (12, 114, 115, 143-150).—Olas., 1869b, 488.—Rail. & Henry, 1909b, 171; 1911, 574, 575; 1912, 565.—Scudd., 1884a, 103.—Stiles & Hass., 1905b, 98.
amphisbænæ Mol., 1861a, 577 (153) (in *Amphisbæna kingii*; Caiçara).—Linst., 1878a, 191 (in *Anops kingii*).—Stoss., 1899d, 132 (78) (to Sclerost.).
brachylaimus Linst., 1901b, 410-411, figs. 1-2 (to Str. (Deletroc.)) (in *Heterohyrax mossambica*; Rukwa-See, Africa); 1907, 254.
dimidiatus Dies., 1851a, 298 (in *Rhea americana*; Brazil); 1855, 183, pl. 6 figs. 17-24; 1861a, 621, 714-715 (in R. a.; B.).—Hall, 1916a, 122.—Mol., 1861a, 575-577 (151-153), pl. 8 figs. 1-3.—Rail. & Henry, 1909b, 171; 1911, 574-575, fig. 2 (in R. a.).—Schneid., 1866a, 136 (to Str.).—Stiles & Hass., 1905b, 98.—Stoss., 1899d, 105 (to Sclerost.).
dimidiatus major Mol., 1861a (b), 575, (151) (in *Rhea americana*; Caiçara, S. America).
dimidiatus minor Mol., 1861a (b), 575 (151) (in *Rhea americana*; Ytararé, S. America).
stylosus Linst., 1907, 254, pl. 6 figs. 9-10 (in *Rhinoceros africanus*; Deutsch. Ost-Africa).—Skrj., 1916, 44, 92, 151 (type of *Kiluluma*) (in R. a.).
- DEMANIA Southern, 1914a, 41-42.
major Southern, 1914a, 42-43, pl. 7 figs. 20a-c (Clew Bay).
minor Southern, 1914a, 43-44, pl. 7 figs. 21a-c (Clew Bay).
- DEMANIA Steiner, 1914, AHP, 427 (apparently lapsus for Demaniella).
cibourgensis Steiner, 1914, AHP, 427, figs. 12-14 (same as *Demaniella cib.*).
- DEMANIELLA Steiner, 1914, AHP, 426 (mt. cibourgensis).
cibourgensis Steiner, 1914, 420, 426-427, figs. 12-14 (in *fauligem Gras*; bei Cibourg, Switz.).
- DEMONEMA Cobb, 1894c, 392-394 (mt. rapax).—Stiles & Hass., 1905b, 99.
rapax Cobb, 1894c, 393-394, figs. 5, i-iv (Bay of Nap.).—Stiles & Hass., 1905b, 99.
- DENTOLAIMUS Zool. Rec. 1881 (for 1880), v. 17, Index, 4 (misprint for Deontolaimus).—Stiles & Hass., 1905b, 99.
- DEONTOLAIMUS Man, 1880a, 3-4 (mt. papillatus).—Stiles & Hass., 1905b, 99.—See also *Dentolaimus*.
papillatus Man, 1880a, 4 (free; Walcheren Isl.).—Stiles & Hass., 1905b, 99.
tatricus Daday, 1896, Mte, 409-410.
- DERAIOPHORONEMA Romanovitch, 1916, CrSB, v. 79, 745 (mt. cameli).
cameli Romanovitch, 1916, 745-746 (in *Camelus bactrianus*; Kirghiz, Steppes).
- Dermatitis granulosa s. d. verminosa puriens.—Does, 1905, GTNI, 512-514; 1906, GTNI, 303-309, figs. 1-16 (see *Dermofil. irritans*).
- DERMATOXYX Schneid., 1866a, 29, 123-124 (mt. veligera), 243.—Hall, 1916a, 65, 99, 103; 1916b, 518.—Rail. & Henry, 1916, CrSB, 114.—Rollet., 1888a, 681.—Seur., 1915, in 24-31, 9 figs.—Stiles & Hass., 1905b, 99.

DERMATOXYS—Continued.

getula Seur., 1915, BSHnA, 24-28, 30, 31, figs. 1-5 (in *Xerus getulus*; Maroc.); 1915, CrSB, 78, 79.—Hall, 1916, 99, 103-105, figs. 128-132 (in *Atlantoxerus getulus*; Morocco).

veligera (Rud., 1819) Schneid., 1866a, 123-124, 287, pl. 12 fig. 4, pl. 24 fig. 16 (in *Lepus brasiliensis*; lng.).—Hall, 1916a, 99-102, figs. 122-127 (in *L. californicus melanotis*; L. *kabilicus*, *Sylvilagus auduboni baileyi*, *S. brasiliensis*, *S. nuttalli pinetis*; Algeria, Brazil, U. S. A.).—Linst., 1878a, 27 (in *L. b.*).—Rail. & Henry, 1916, CrSB, 114.—Seur., 1915, CrSB, v. 78, 75-79 (18-21), figs. 1-4 (in *L. b.*; Brazil; L. *k.*; Algeria); 1915, 27 (in *L. b.*, L. *k.*).—Stiles & Hass., 1905b, 99.

DERMOCOLEX Villot, 1875a, 456 (probably misprint for *Desmoscolex*).

DERMOFILARIA Rivolta, 1884c, 128-134 (mt. *irritans*); 1868b, 578 [nv.]; 1868c, 241 [nv.].—Stiles & Hass., 1905b, 99.

irritans Rivolta, 1884c, 128-134 (in *Equus cab.*; Italy); 1868b, 578 [nv.]; 1868c, 241 [nv.].—Addario, 1885, 145.—A., D., & E., 1901b, 18 (to Fil.).—Baruchello, 1889a, 230.—Descazeaux, 1915, 473, 476.—Fiebiger, 1912a, 233.—Lingard, 1905, 40 (to Fil.).—Miranda, 1904, 438-443.—Nev.-Lem., 1912a, 797.—Rail., 1893a, 508 (to Fil.); 1915, 511; 1915, IVC, 748 (in horse, ox).—Rail. & Henry, 1915, 696, 699.—Seur., 1916, 354.—Stiles & Hass., 1905b, 99.—Ward, 1895a, 339 (in *Equus cab.*).—Also reported for *E. asinus*.

DESMIDOCERCA Skrz., 1916, 461-462, 463, 530-531 (mt. *tod.*, *aerophila*) (*Spirurata*).

aerophila Skrz., 1916, 461, 531-533, figs. 43-46 (in *Ardea cinerea*, *Phalacrocorax carbo*; Aoulié-ata, Russian Turkestan).

DESMODORA Man, 1889b, 9 (*tod. communis*) (*s. pars Spilophora*).—Stiles & Hass., 1905b, 99.

communis (Büetsch., 1874) Man, 1889b, 9 (free; Walcheren).—Stiles & Hass., 1905b, 99.

sanguinea Southern, 1914a, 27-28, pl. 3 figs. 9a-e (Clew Bay).

scaldensis Man, 1889b, 9; 1907, 69, 87 (Zealand).

serpentulus Man, 1907, 87 (Zealand).

DESMOLAIMUS Man, 1880a, 14-15 (mt. *zeelandicus*); 1907, 81.—Stiles & Hass., 1905b, 99.

balatonicus Daday, 1894, Mte, v. 12, 131; 1897, v. 2 (1), 90-91, figs. 63-64 (aquatic; Balaton).—Man, 1907, 81.

zeelandicus Man, 1880a, 14-15 (free; Walcheren); 1907, 81.—Schneid., 1906, 626.—Stiles & Hass., 1905b, 99.

DESMOSCOLECIDÆ Schep., 1908f, 181-204.—Southern, 1914a, 61-62.

DESMOSCOLEX Clap., 1863a, 89-90 (mt. *minutus*).—Hempel., 1912a, 108.—Panceri, 1878 (for 1876), AASfm, v. 7, 2.—Schep., 1907, v. 31, 132-161, figs. 1-25; 1908f, 181-201 (free nematodes).—Shipley, 1901b, 159.—Stiles & Hass., 1905b, 99.

adelphus Greef, 1869a, 113-114.—Schep., 1908f, 191, 192, pl. 8 figs. 17-19 (Bergen).

adriaticus Schep., 1907a, 139-140, fig. 5 (Bergen, Rovigno, Brindisi, Nap.); 1908f, 188, 191, 192, pl. 8 fig. 24, pl. 9 figs. 1-2 (marine; Europe).

aninulatus Schep., 1907a, 138-139, fig. 3 (Nap.); 1908f, 188, 192, pl. 8 figs. 8-9 (free; Nap.).

bergensis Schep., 1907a, 142-143 (Bergen); 1908f, 191, 192, pl. 8 figs. 29-31 (B.).

brevirostris Southern, 1914a, 63-64, pl. 11 figs. 30a-d (Clew Bay).

chætogaster Greef, 1869a, 114-115, pl. 6 figs. 11-12.—Schep., 1908f, 182, 189, 192, 200, pl. 8 fig. 25-28 (Bergen, Nap., Helgoland); 1908, 389.

elongatus Panceri, 1878 (for 1876), 3, 4, figs. 2-3 (marine).—Schep., 1908f, 190, 192, pl. 8 figs. 15, 16 (Nap., Ischia).—Hempel., 1912a, 96, fig. 1.

greeffii Reinhard, 1881, ZA, 591-592 (Odessa).—Schep., 1908f, 191, 192, pl. 8 figs. 21-23 (Nap., Od.).

lanuginosus Panceri, 1878 (for 1876), 3-4, figs. 4-5 (marine).—Schep., 1908f, 189, 192, pl. 8 figs. 6-7 (free; Nap., Ischia).

longirostris Southern, 1914a, 62-63, pl. 11 figs. 29a-d (Clew Bay).

maximus Schep., 1907a, 141-142, fig. 7 (Nap.); 1908f, 186, 190, 192, 197, pl. 8 fig. 20, pl. 10 fig. 1 (N.).

DESMOSCOLEX—Continued.

medius Reinhard, 1881, ZA, 592 (Odessa).—Schep., 1908f, 190, 192, pl. 8 figs. 32, 33.
minor Schep., 1907a, 139, fig. 4 (Tiefseezone; Bergen); 1908f, 188, 192, pl. 8 figs. 13-14 (free).

minutus Clap., 1863a, 89-90, pl. 18 figs. 4-7 (apparently St. Vaast).—Greef, 1869a, 100-112, pl. 6 figs. 1-7.—Schep., 1908f, 181, 184, 186, 187-188, 189, 192, 193, 196, 197, 198, 199, 200, pl. 8 figs. 1-2, pl. 9 figs. 3-25, pl. 10 figs. 3-5, 7, 22 (free, marine; Europe).—Southern, 1914, PRIA, v. 31, 62 (Clew Bay).—Stiles & Hass., 1905b, 99.

nematoides Greef, 1869a, 112-113, pl. 6 fig. 8.—Schep., 1908f, 184, 186, 189-190, 191, 192, 193, 197, pl. 8 figs. 3-5, pl. 10 figs. 2, 6, 8-21 (Nap., Odessa).—Southern, 1914, PRIA, v. 31, 62 (Clew Bay).

norvegicus Schep., 1907a, 143, fig. 9 (Bergen); 1908f, 191, 192, pl. 8 figs. 10-12 (B.).

polydromus Southern, 1914, PRIA, v. 31, 64-65, pl. 11 figs. 31a-c (Clew Bay).

profundus Schep., 1907a, 143-144 (Bergen); 1908f, 192, pl. 8 figs. 34-37 (B.).

DIAPHANOCEPHALUS Dies., 1851a, 82, 297-298 (sd. *strongyloides*=*galeatus*); 1855, 181-182.—Carus, 1863, 464.—Goldb., 1855a, 112.—Mol., 1861a, 436, 538, 539, 578-581 (12, 114, 115, 154-157).—Olss., 1869b, 488.—Rail. & Henry, 1909b, 171 (so. Kalic.) (type *galeatus*).—Scudd., 1884a, 105.—Skrj., 1916, 41-42, 119-120.—Stiles & Hass., 1905b, 99.

appendiculatus (Mol., 1861) Rail. & Henry, 1909b, 171.

boæ (R. Bl., 1886) Rail. & Henry, 1909b, 171.

bothropis (Mol., 1861) Rail. & Henry, 1909b, 171.

brevipenis (Mol., 1861) Rail. & Henry, 1909b, 171.

costatus (Rud., 1819) Dies., 1851a, 297-298 (in *Hylophis lævicollis*, *Lachesis rhombeata*; Brazil, M. C. V.).—Mol., 1861a, 715 (in H. l., L. r.).—Mol., 1861a, 584-585 (160-161), pl. 8 fig. 6 (in *Erymnus macrolepidotus*, *Herpetodryas bicarinata*; B.).—Rail. & Henry, 1909b, 171.—Schneid., 1866a, 137 (to Str.).—Stiles & Hass., 1905b, 99 (in H. l., L. r.).

ersiliae (Stoss., 1896) Rail. & Henry, 1909b, 171.

galeatus (Rud., 1819) Rail. & Henry, 1909b, 171.—Skrj., 1916, 42, 120.

inermis (Mol., 1861) Rail. & Henry, 1909b, 171.

mucronatus (Mol., 1861) Rail. & Henry, 1909b, 171.

strongyloides Dies., 1851a, 297 (*galeatus* renamed) (in *Podinema teguixin*; Brazil, M. C. V.); 1855, 182, pl. 6 figs. 1-9; 1861a, 715.—Mol., 1861a, 581-584 (157-160), pl. 8 figs. 4-5 (in *Ctenodon nigropunctatus*, P. t., P. scripta, *Thorichtis dracæna*; B.).—Par., 1898, 15.—Schneid., 1866a, 135.—Stiles & Hass., 1905b, 99.—Stoss., 1899d, 103 (49).

strumosus (Mol., 1861) Rail. & Henry, 1909b, 171.

subulatus (Mol., 1861) Rail. & Henry, 1909b, 171.

vallei (Stoss., 1895) Rail. & Henry, 1909b, 171.

viperæ (Rud., 1819) Dies., 1851a, 298 (in *Vipera redii*; M. C. V.).—Mol., 1861a, 585 (161).—Rail. & Henry, 1909b, 171.—Stiles & Hass., 1905b, 99.—Stoss., 1898, 87.

willeyi (Linst., 1904f) Rail. & Henry, 1909b, 171.

DICELIS Duj., 1845a, 106, 107-108 (mt. *filaria*) [not *Dicelis* Stimps., 1857, worm].—Dies., 1851a, 136; 1861a, 627.—Mol., 1857a, 151.—Rail., 1916, RMv, 520.—Schneid., 1866a, 126 (close to Str.).—Stiles & Hass., 1905b, 99.

filaria Duj., 1845a, 108, pl. 3 fig. H (in *lumbricus* [*Enterion* (*Lumbricus*) *terrestris*]; Paris).—Cobbold, 1875o, 898; 1879, 343.—Dies., 1851a, 137 (in Ent. t.; P.).—Johns., 1913, 606, 608 (in *Lumb. ter.*).—Leidy, 1877, 197.—Magal., 1905a, 317 (*Dicelis*).—Stiles & Hass., 1905b, 99.

DICENTROCEPHALUS Dies., 1861a, 727 (for *Dikentroc.*) (type *crinalis*).—Stiles & Hass., 1905b, 99.

DICERAS Rud., 1810a, 258 (= *Ditrachyceros* Herm., renamed) (mt. *rude*) [not *Diceras* Lam., 1805, mollusk; not *Diceros* Gray, 1821, mammal].—Stiles & Hass., 1905b, 99.

rude Rud., 1810a, 258-261, pl. 12 fig. 5 (in *Homo*; by Sultzter); 1819a, 184.—Stiles & Hass., 1905b, 99.

- DICHEILONEMA¹ Dies., 1861a, 620, 707-709 (tsd. ? labiatum).—Hall, 1916a, 222.—Ols., 1869b, 488.—Stiles & Hass., 1905b, 99-100.
- acutum* (Dies., 1851) Dies., 1861a, 707-708 (in *Podiceps cristatus*, P. cornutus).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 58 (to Fil.).
- bifidum* (Mol., 1858) Dies., 1861a, 707 (in *Dactylomys amblyonyx*; Brazil).—Hall, 1916a, 221 (to Fil.).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 61 (to Fil.).
- bilabiatum* (Dies., 1851) Dies., 1861a, 707 (in *Sterna leucopareia*; M. C. V.).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 61 (to Fil.).
- bispinosum* (Dies., 1851) Dies., 1861a, 709 (s. Fil. boæ-constrictoris) (in *Boa constrictor* at Phila.; *Ophis sauroc.*, *Thamnobius pœcilost.* in Brazil).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 62 (to Fil.).
- conicum* (Mol., 1858) Dies., 1861a, 708 (in *Cavia acuschy*; Brazil).—Hall, 1916a, 222 (to Fil.).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 65 (to Fil.).
- fusiforme* (Mol., 1858) Dies., 1861a, 709 (in *Monasa tranquilla*; Brazil).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 68 (to Fil.).
- horridum* (Dies., 1851) Dies., 1861a, 709 (in *Rhea americana*; Brazil).—Leiper, 1911, 620-621 (in ostrich; S. A.) (horrida).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 48 (to Fil.).
- labiatum* (Crep., 1825) Dies., 1861a, 708 (in *Ciconia nigra*; Greifsw., Paris).—Hall, 1916a, 222.—Stiles, 1907, 32 (? s. Fil. ciconiæ).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 41 (to Fil.).
- labiotruncatum* (Mol., 1858) Dies., 1861a, 708 (in *Tinamus adpersus*, T. variegatus, T. strigulosus; Brazil).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 70 (to Fil.).
- rubrum* (Leidy, 1856) Dies., 1861a, 708 (in *Labrax lineatus*; America).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 79 (to Fil.).
- species Robertson, 1909, v. 34, 642 (in ostrich; Cape of Good Hope).
- DICHEILOSTOMI Dies., 1851a, 264, 276-278 (subsection of Cheilostomi of Fil., see Dicheilonema).—Mol., 1858, 411.—Stiles & Hass., 1905b, 100.
- DICHELYNE Jægers., 1902, ZA, 564 (tod. fossor); 1909, 46.—Hall, 1916a, 64.—Rail. & Henry, 1912, 562.—Seur., 1915, v. 78, 22.
- fossor* Jægers., 1902, v. 25, 564-565 (in *Lates niloticus*; Africa); 1909, 46-66, pls. 3-4 figs. 16-23 (in L. n.; Omdurman).
- DICTOPHYME Pearse, 1914, v. 3, 568 (for Diotophyme).
- DICTYOCAULUS Rail. & Henry, 1907a, 752 (tod. filaria); 1909a, 86; 1912, 566; 1913, 454.—Frœhner, 1915a, 738.—Nev.-Lem., 1912a, 644; 1912, v. 154, 1311-1312; 1912, v. 37, 238-241, 1 fig.—Pratt, 1916a, 222.—Romanovitch & Slavine, 1914, CrSB, 444-445.
- arnfieldi* (Cobbold, 1884) Rail. & Henry, 1907a, 752 (in *Equus cab.*, E. asinus); 1910, 313 (in *Tapirus indicus*; Alfort).—Craig, 1915, 503 (treatment).—Fiebiger, 1912a, 264.—Nev.-Lem., 1912a, 704.—Pillers, 1912, v. 25, 167.—Rail., 1915, 505 (in equides, tapir); 1915, IVC, 744 (in horse, tapir).—Rail. & Henry, 1910, 313 (in *Tapirus indicus*).
- filaria* (Rud., 1809) Rail. & Henry, 1907a, 752 (in *Ovis aries*, chèvre).—Craig, 1915, 506 (treatment).—Fiebiger, 1912a, 259. Hall, 1916a, 162.—Leiper, 1911, PZSL, 620-621.—Maupas & Seur., 1916, 617.—Nev.-Lem., 1912, v. 154 (20), 1311-1312; 1912a, 689; 1912, v. 37 (7), 238-241, fig. 1.—Pratt, 1916a, 222.—Rail., 1915, 505; 1915, IVC, 744 (in sheep, goats).—Romanovitch & Slavine, 1914, CrSB, v. 77 (27), 444-445.—Seur., 1913, 83, figs. 1-6; 1916, 343.
- micrurus* (Mehl., 1831) Rail., 1915, 505; 1915, IVC, 744 (in ox, deer, goat).—Maupas & Seur., 1916, 617.
- nærneri* Rail. & Henry, 1907a, 752 (in chevreuril; après Nærner).
- rufescens* (Leuck., 1865a) Pratt, 1916a, 222.

¹ The subsection Dicheilostomi, 1851, which was later (1861) raised to generic rank, originally contained *Fil. labiata*, *F. physalura*, *F. obtuso-caudata*, *F. bilabiata*, *F. acuta*, *F. horrida*, and *F. bispinosa*. By the principle of virtual tautonymy *bilabiata* would first come into consideration as type, but such a choice is contraindicated by the lack of details given for this worm in both 1851 and 1861. The history of the genus strongly indicates *F. labiata* as type, unless there are other reasons why this should not be taken. *F. labiata* was the best known species in 1851.

DICTYOCAULUS—Continued.

viviparus (Bloch, 1782) Rail. & Henry, 1907a, 752 (s. *Str. micrurus*) (in *Bos taurus*).—Craig, 1915, 503 (treatment).—Fiebiger, 1912a, 260.—Huf. & Mar., 1913b, 73.—Nev.-Lem., 1912, 239; 1912a, 693.—Romanovitch, 1915, 452 (in *Tarandus rangifer*).—Seur., 1914, 634; 1916, 343.

DICTYOMYARIII Schneid., 1866a, 330, 331 (group, based upon muscles).

DIKENTROCEPHALUS Wedl, 1855a, 384–385, 394 (mt. *crinalis*).—Stiles & Hass., 1905b, 100.—See *Dicentroc*.

crinalis Wedl, 1855a, 384–385, 394, pl. 3 figs. 18–20 (in *Lophius piscatorius*; Trieste).—Dies., 1861a, 727 (in L. p.; T.).—Stiles & Hass., 1905b, 99–100.

DIOCTOPHYME Scudd., 1884a, 99 (misprint for *Diectophyme*).—Stiles & Hass., 1905b, 100.

DIOCTOPHYMA Lamour., 1824a, 515 (for *Diectophyme*).—Encycl. méth., Par., v. 2, 1824, 253.

DIOCTOPHYME Collet-Meygret, 1802a, 458–464, figs. 1–4 (mt. *renale*).—[Albrecht, 1696, 226–227.]—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Brumpt, 1913a, 534.—Cast. & Chalm., 1910a, 429.—Cuv., 1817a, 34.—Chiaje, 1825a, 8 (so. *Str. gigas*).—Dies., 1851a, 327 (renamed *Eustr.*).—Duj., 1845a, 113 (so. *Str. g.*).—[?Fabri, 1691 (1690), 455–456.]—F., S., T., 1916a, 431.—R. Leuck., 1868, 389.—Pratt, 1916a, 222.—Rail. & Henry, 1912, 562.—Rivolta, (1867), 1.—Rud., 1809a, 211 (so. *Str. g.*).—Stiles, 1914, MM, 271.—Stiles & Hass., 1896c, 159–160; 1905b, 100.—See also *Diectophyma*, *Eustr.*, *Diectophryme*, *Dictophyme*.

affinis Leidy in Stiles & Hass., 1894e, 343 (in *Simia satyrus*).

gigas (Rud., 1802) Stiles & Hass., 1894e, 343 (in *Canis fam.*, *Putorius vison*; by Leidy).—F., S., & T., 1916a, 431, 432, figs. 306–307.—Pratt, 1916a, 222.—Shaw, 1901, 1029.—Stoss, 1899, 58 (to *Eustr.*).—Ward, 1895a, 302, fig. 62 (s. *Asc. canis*, *martis*, *visceralis*, *renalis*, *Str. renalis*, *gigas*, *Eustr. visceralis*, *gigas*), 330, 333, 339, 342 (in *Bos taurus*, *Canis fam.*, *Equus cab.*, *Homo*).

renale (Goeze, 1782) Stiles, 1901r, 167; 1907e, 624; 1914, MM, v. 2, 316.—[Balbiani, 1869b; 1869c, 1091–1095 (development of eggs); 1870a, 51–56; 1870b, 139–140, 311; 1870c, 180–194, pl. 2.]—Guiart, 1910a, 469.—Hall, 1916, JAVMA, v. 50, 370, 371 (1–2) (American cases).—Halsted, 1909, 175–199, pls. 2–3 (in dogs).—Martin & McKittrick, 1917, 383, fig. 23.—Pratt, 1916a, 222, fig. 354.—Riley, 1916, JAVA, Sept., 301–309; 1917, Cornell Vet., v. 7, 43–45.—Riley & Chandler, 1915, 1–2, 5 figs.; 1916, Cornell Vet., v. 6 (4), Oct., 209–212, pls. 1–2, figs. 1–5.—Stiles & Hass., 1905b, 100.—Ward, 1903, 407; 1903, 220 (s. *Asc. canis*, *martis*, *visceralis*, *Str. gigas*, *Eustr. gigas*, *visceralis*); 1907, 207; 1916, 693.

renalis (Goeze, 1782) Cast. & Chalm., 1910a, 429.

visceralis (Gmel., 1790) Stiles & Hass., 1896c, 159–160.—Crawford, 1898b, 505.—Nev.-Lem., 1912a, 775.—Rail., 1915, 511; 1915, IVC, 748.—Sommer, 1897a, 95 (*Homo*); U. S. A.).—[Sterck, 1740a, 10.]—Stiles, 1898a, 469–471, figs. 1–13 (s. *gigas*, *Asc. canis*, *martis*, *renalis*, *Fus. renalis*, *Str. gigas*, *renalis*, *Eustr. gigas*) (in *Canis fam.*, *C. lupus*, *C. azaræ*, *C. jubatus*, *Gulo luscus* [G. *arcticus*], *Homo*, *Lutreola lutreola* [Mustela *lutreola*], *L. vison*, *Putorius vison*, *Lutra vulg.*, *L. solitaria*, *Mustela martes*, *M. foinea*).

DIOCTOPHYMIDÆ Rail., 1915, RMv, 493, 511; 1915, IVC, 735, 748; 1916, RMv, 521.—F., S., & T., 1916a, 375, 431.—Ward, 1916, 693.

DIOCTOPHYMINÆ Rail. [nv.].—Cast. & Chalm., 1910a, 429; 1913a, 561.

DIOCTOTHYME Riley, 1916, JAVMA, 301 (misprint for *Diectophyme*).

DIODONTOLAIMUS Southern, 1914 a, 31 (mt. *sabulosus*) (*Anguillulidæ*).

sabulosus Southern, 1914a, 31–32, pl. 4 figs. 11a–f (*Blacksod Bay*).

DIONIX Magal., 1905a, 315 (for *Dionyx*).

DIONYX Perrier, 1881a, 242 (mt. *lacazii*) [not *Dionyx* Lep. Serv., 1825, coleopt.; not Geoff., 1835, mam.].

lacazii Perrier, 1881a, 242–243, figs. 44–47 (in *Pontodrilus*; by Perrier).

lacazei Magal., 1905a, 315–316 (in *Pontodrilus marioni*) (*Dionix*).

DIPELTIS Cobb, 1891c, 155–158 (tod. *typicus*) [renamed *Diplopeltis* Cobb, 1905] [not *Dipeltis* Packard, 1885, crust.].—Southern, 1914, PRIA, v. 31 (54), 1518.—Stiles & Hass., 1905b, 100.

*cirrhatu*s (Eberth, 1863) Cobb, 1891c, 156–157 (free; Med.).—Stiles & Hass., 1905b, 100 [type of *Discophora* 1875].

DIPELTIS—Continued.

incisus Southern, 1914, 17–18, pl. 2 figs. 5a–e (Clew Bay).

minor Cobb, 1891c, 156 (Ceylon).—Stiles & Hass., 1905b, 100.

typicus Cobb, 1891c, 157–158, fig. 9 i–iv (Bay of Nap.).—Southern, 1914, 15–17, pl. 3 figs. 4a–f (Blacksod Bay) (var. unnamed).—Stiles & Hass., 1905b, 100.

DIPETALONEMA¹ Dies., 1861a, 620, 703–704 (tsd. probably *Fil. caudispina*).—Ols., 1869b, 488.—Stiles & Hass., 1905b, 100 (type probably *caudispina*).

caudispina (Mol., 1858) Dies., 1861a, 703–704 (in Simia).—Linst., 1899b, 22 (so. *Fil. gracilis*).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 132 (120) (so. *Gongylonema filiforme*).

inflexum Dies., 1861a, 704 (*Fil. dipetala* renamed) (in *Platyrrhynchus pitangua*; Brazil).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 67 (55) (so. *Fil. d.*).

mucronatum (Mol., 1858) Dies., 1861a, 704 (in *Boa constrictor*; Padua); 1861, 280.—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 73 (61) (to *Fil.*).

DIPHTHEROPHORA Man, 1880a, 62–63 (mt. *communis*).—Stiles & Hass., 1905b, 100.

communis Man, 1880a, 63 (in moist soil; Holland).—Stiles & Hass., 1905b, 100.

DIPLASIA von Holten, 1802a, 27 [*Nematode?*] (mt. *trichiuri*).

trichiuri von Holten, 1802a, 27, pl. 2 fig. 8 (in cav. abd. of *Trichiurus gladius*) [*Nematode?*, looks like a cestode].—Fabr., 1805a, 27.

DIPLOGASTER Max Schultze, in Carus, 1857a, pl. 8 fig. 1 (mt. *micans*) [not *Diplogaster* Bigot, 1886, insect].—A., D., & E., 1901b, 8.—Bos, 1891, 8.—Buëtsch., 1873a, 119; 1876, 231–236.—Cobb, 1893b, 264–276 (15–27).—Dies., 1861a, 627.—Ditlevsen, 1912, 215.—Fiebiger, 1912a, 225.—Jægers., 1909, 6, 28.—Hofmæn., 1913, 629–630.—Linst., 1890e, 489–493, figs. a–f; 1901c, in 182–198.—Looss, 1911a, 216, 217, 219, 321, pl. 13 figs. 129–132, 141–144.—Man, 1876a, 158–159; 1876b, 81–82; 1912, ZJ, v. 1, 440, 443, 445, 446, 447.—Metchn., 1863b, 502–509, pl. 12 figs. 1–9; 1864b, 141–148, 1 pl.—Oerley, 1880, 67, 112–113; 1885, v. 21 (1), 73–74.—Pratt, 1916a, 217.—Potts, 1908, v. 14, 373–375; 1909, JRMS (2), 187.—Shipley, 1896a, (1901b), 154, 155.—Schneid., 1866a, 51.—Stefanski, 1915, ZA, in 346–349, figs. 1–6.—Stiles & Hass., 1905b, 101.

aerivora Cobb, 1916, in Merrill & Ford, 1916, JAR, v. 6 (3), 121–127, fig. 3 (on ground; Manhattan, Kans.); 1917n, 436.

albus Bast., 1865c, 117, figs. 74–75 (in sandy soil; Broadmoor, Berks).—Cobb, 1893b, 266, 276 (17, 27) (Eng.).—Oerley, 1880a, 113, 116.

armatus Hofmæn., 1913, 631, pl. 16 figs. 19–21 (aquatic; Villeneuve).—Hofmæn. & Menz., 1915, 161–162.

australis Cobb, 1893b, 266, 267, 269 (17, 18, 20) (in grass; Australia).

bernensis Steiner, 1914, AHP, 425–426, figs. 10–11 (bei Bern, Switz.).

büetschlii Fuchs, 1915, ZJ, 146–154, 156, 182, 183, 191, 195, 197, pl. 18 figs. 26–31, 33, 34, pl. 19 fig. 32 (on *Ips typhographus*).

clavus Linst., 1901c, 194, pl. 9 figs. 16–19 (in leaves of *Allium vineale*; near Gøtt.).

coprophages Man, 1876a (b), 159–160 (82–83), pl. 10 figs. 38a–c (Leiden).—Oerley, 1880a, 113, 115.—Silva Araujo, 1878b, 53.

crassoides Lauterborn, 1913, 871.

elpatiewskyi Daday, 1901, Mte, v. 24, 34–37; 1906, v. 24, 38, 54–55.

factor Bast., 1865c, 116–117, figs. 71–73 (aquatic; Bagshot).—Brakenhoff, 1914, v. 22, 289–290, pl. 1 fig. 10.—Buëtsch., 1873a, 121.—Cobb, 1914, v. 33 (2), 76–78, pl. 2 fig. 3; 1914, 38, 42–44, 86, pl. 2 fig. 3.—Ditlevsen, 1912, 236–237.—Jægers., 1909, 28, 30, fig. 41.—Man, 1907, v. 7, 17.—Micol., 1913, 11; 1914, ZJ, 475–477; 1915, ZJ, 263.—Oerley, 1880a, 115 (so. *rivalis*).—Plotnikov, 1901, 246.

filicaudatus Buëtsch., 1874b, 258–259, fig. 4 (in Kuhmist; Germany).—Cobb, 1893b, 266, 269 (17, 20) (in cow-dung; Germany).—Moniez, 1891e, 413.—Oerley, 1880, 113, 116.—Southern, 1914, PRIA, v. 31, 7 (Clare Is.).

filiformis Bast., 1865c, 117, fig. 76–78 (in sandy soil; Broadmoor, Berks).—Cobb, 1893b, 266, 267, 279 (17, 18, 27) (Eng.).—Oerley, 1880, 113, 114.

¹ Probably *caudispina* should be taken as type, as it is the only species figured and of which both sexes were known; further, the material was abundant.

DIPLOGASTER—Continued.

- fluviatilis* Man, 1880a, 36–37.—Cobb, 1893b, 266, 267, 271 (17, 18, 22) (in water; Holland).
- gracilis* Büetsch., 1876a, 373, pl. 23 figs. 3a–c (in Mist; Ing.).—Cobb, 1893b, 266, 267, 274–275 (17, 18, 25–26) (in dung; Germany).—Ditlevsen, 1912, 237.—Man, 1912, ZJ, v. 1, 441.—Oerley, 1880a (b.), 113, 114 (101, 102).
- graminum* Cobb, 1893b, 266, 267, 270 (17, 18, 21) (in grass; Australia).
- hessi* Steiner, 1914, AHP, 423–424, figs. 6–7 (bei La Ciburgh, Switz.).
- hylobii* Fuchs, 1915, 195–199, 200, pl. 21 figs. 70–73 (in Hylobius).
- inermis* Büetsch., 1874b, 258, fig. 3 (on roots of garlic; Germany).—Cobb, 1893b, 266, 275 (17, 26) (on roots of garlic; Germany).—Oerley, 1880, 113, 117.
- intermedius* Cobb, 1906, 165, 189–190 (about roots of diseased cane; Hilo, H. I.).
- labiata* Cobb, 1916, in Merrill & Ford, 1916, JAR, v. 6 (3), 115–121, figs. 1–2 (on *Saperda tridentata*; Manhattan, Kans.).
- lacustris* Daday, 1894, Mte, v. 12, 136–137; 1897, v. 2 (1), 99–100, figs. 83–85 (free; Balaton).
- lineatus* Fuchs, 1915, ZJ, 199–202, pl. 21 figs. 74–78 (in Hylobius abietis).
- linstowi* Potts, 1910, QJMS, 439, 441, fig. 2 (Nap.).
- lirata* (Schneid., 1866) Oerley, 1885, MtK, v. 21 (1), 74–75, pl. 4 figs. 4–9.—Cobb, 1893b, 276 (27) (liratus).—Looss, 1911a, 219, 274, 366, pl. 13 figs. 133–136.
- longicauda* Claus, 1862b, 355–359, pl. 35 fig. 6 (in humus; by Claus).—Bos, 1889, 321; 1908, 67.—Cobb, 1893b, 266, 267, 275–276 (17, 18, 26–27) (in decaying fungi; Germany).—Conté, 1900, 376.—Ditlevsen, 1912, 237.—Krüger, 1913, 105 (longicaudus. quotes Ziegler).—Man, 1912, v. 1, 446.—Marcinowski, 1909, 41.—Oerley, 1880a, 113, 117; 1885, v. 21 (1), 74, pl. 3 figs. 1–5.—Potts, 1910, 439.
- macrodon* Oerley, 1880a (b), 113, 114–115, 177 (101, 102–103, 165), pl. 6 fig. 24c–o, pl. 5 fig. 24, fig. a–b.—Cobb, 1893b, 266, 267, 273 (17, 18, 24) (Hungary).
- maupasi* Potts, 1910, QJMS, 439, figs. 1, 4, 5–6, 8 (Norfolk Broads).
- micans* Max Schultze in Carus, 1857a, pl. 8 fig. 1 (Ing.).—Bast., 1865c, 117, pl. 8 fig. 1.—Cobb, 1893b, 276(27).—Dies., 1861a, 627.—Oerley, 1880, 115 (so. rivalis).—Stiles & Hass., 1905b, 101.
- minima* Cobb, 1893b, 266, 267, 269–270 (17, 18, 20–21) (on decaying outside sheaths of banana plants; Fiji).
- minor* Cobb, 1893b, 266, 268–270 (17–19), pl. 39 (4), figs. 1, 3, 4 (on decaying outside sheaths of banana plants; Fiji).—Krüger, 1913, 118.
- minor* Maupas, 1900a, 549–553 (free; Normandie, etc.).
- monhysteroides* Büetsch., 1874b, 259 (in Kuhmist; Germany).—Cobb, 1893b, 266, 268 (17, 19) (in cow dung; G.).—Oerley, 1880, 113, 114.
- nudicapitatus* Steiner, 1914, AHP, 424–425, figs. 8–9 (bei Bern, Switz.).
- parasiticus* Linst., 1907, 258, pl. 7 fig. 22 (in *Potamochoerus africanus*; Deutsch. Ost Africa).
- parvus* Cobb, 1893b, 266, 267–268 (17, 18–19), pl. 39 (4), figs. 1–5 (in banana plants; Fiji).
- rivalis* (Leyd., 1854) Büetsch., 1873a, 120–121 (s. ficator), fig. 68.—Brakenhoff, 1914, v. 22, 288–289.—Cobb, 1893b, 266, 267, 273–274 (17, 18, 24–25) (in fresh water algae; Europe).—Ditlevsen, 1912, 236.—Hofmæn., 1913, 630–631.—Hofmæn & Menz., 1915, 160–161.—Jægers., 1909, 28–29, fig. 38.—Lauterborn, 1913, 871.—Oerley, 1880a, 113, 115, pl. 6 figs. 25a–b; 1885, v. 21 (1), 76–77.—Pratt, 1916a, 217, fig. 364.—Steiner, 1916, ZA, 344.
- robustus* Maupas, 1900a, 541–549, pl. 22 figs. 4–13, pl. 23 figs. 1–5 (in terreau noir; Algeria).
- roszkowskii* Stefanski, 1915, ZA, figs. 2a–b (Czarma River, Pologne).
- similis* Büetsch., 1876a, 370, pl. 23 figs. a–b (in Mist; Ing.).—Cobb, 1893b, 266, 267, 275 (17, 18, 26).—Oerley, 1880a, 113, 117.
- species Brakenhoff, 1914, v. 22, 290 (in Gartenerde; Westerstede).
- species Man, 1907, v. 7, 17–18 (in Seine).
- species Steiner, 1916, ZA, v. 46, 335, fig. 11.
- striatus* Büetsch., 1876a, 372, pl. 23 figs. a–c (in fauligen Massen auf der Oberfläche des Mains).—Cobb, 1893b, 266, 267, 272–273 (17, 18, 23–24) (in decaying masses; River Main, Germany).—Jægers., 1909, 28, 30, fig. 40.—Man, 1907, v. 7, 18.—Oerley, 1880a (b), 113, 116 (101, 104).

DIPLOGASTER—Continued.

trichuris Cobb, 1893b, 256 (on celery; Sydney), 266, 267, 271–272 (7, 17, 22), fig. 3 (on grass; Australia).—Steiner, 1914, AHP, 424.

tridentatus Metchn., 1864b, 141–147, 1 pl. figs. A, B, a–n.—Oerley, 1880, 115 (so. *rivalis*).—Schneid., 1866a, 53.

viviparus Linst., 1879a, 166, pl. 11 figs. 3–4 (in fresh water and on water plants; Ing.).—Cobb, 1893b, 266, 267 (17, 18) (on water plants; Germany).—Jägers., 1909, 28, 29–30, fig. 39.

zschockei Lauterborn, 1913, 871.

DIPLOGASTEROIDES Man, 1912, ZJ, v. 1, 439, 440, 447 (mt. *spengelii*) (Anguillulidæ).

spengelii Man, 1912, 439, 440–448, pl. 22 figs. 1–1p (in Rostkastanie; Greiz).

DIPLOLÆMUS Scudd., 1884a, 100 (for *Diplolaimus*, 1876) [not *Diplolæmus* Bell, 1843, reptile].

DIPLOLAIMUS Linst., 1876, 16–17 (mt. *gracilis*) [not *Diplolæmus* Bell, 1843, reptile].—Oerley, 1880, 67, 129.—Stiles & Hass., 1905b, 101.

gracilis Linst., 1876, 16–17, pl. 2 figs 38 (in sand; Ratzeburger See).—Jägers., 1909, 45–46, fig. 64.—Stiles & Hass., 1905b, 101.

DIPLODON Mol., 1861a (b), 435, 471–475 (tsd. *mucronatum*) [not *Diplodon* Spix, 1827, mollusk; not Nitzsch, 1840, bird; not *Diplodon* Marschall, 1873, for *Diplodon* Gerv., 1850; not *Diplodon* Roth, 1901, mammal; not *Diplodon* Gerv., 1850, mammal; not *Diplodonta* Bronn, 1831, mollusk; not *Diplodontus* Dug., 1834, arachnoid].—Linst., 1906, 92.—Rail., 1897, 1134; 1898, 174; 1899, 345; 1900d, 93 (so. *Unc.*).—Stiles & Hass., 1905b, 101.

mucronatum Mol., 1861a, 474–475 (50–51), pl. 3 fig. 1 (s. *Str. dasypodis-gilvipedis*; M. C. V.) (in *Dasypus gilvipes*; Brazil, M. C. V.).—Stiles & Hass., 1905b, 101.—Stoss., 1899d, 115 (61) (so. *Sclerost. diploodon*).—Also reported for *D. sexcinctus*.

quadridentatum Mol., 1861a (b), 475 (51), pl. 3 fig. 2 (s. *Str. simiæ-belzebul*) (in *Mycetes coraya*; Cujaba).—Stiles & Hass., 1905b, 101.—Stoss., 1899d, 115 (61) (so. *Sclerost. molini*).—Also reported for *Mycetes niger*.

DIPLOPELTIS Cobb, 1905, in Stiles & Hass., 1905b, 101 (tod. *typicus*) (*Dipeltis* Cobb, 1891c, not Packard, 1885, renamed).

typicus (Cobb, 1891c) Cobb, 1905, 101, in Stiles & Hass., 1905b, 101.

DIPLOSCAPTER Cobb, 1913, JWAS, v. 13, 442 (mt. *coronata*).

coronata (Cobb, 1893) Cobb, 1913, 442–443.

DIPLOTRIÆNA Rail. & Henry, in Henry & O'Zoux, 1909, v. 2 (9), 547 (tod. *ozouxi*) (subg. of *Fil.*, contains *F. affinis* R., *abbreviata* R., *obtusa* R. 1802, *attenuatoverrucosa* M., *filiformis* M., *quadriverrucosa* M., *ozouxi* n. sp., *pungens* S., *spermospizæ* L., *tricuspis* F., *paronai* S., *flabellata* L., *macrophallos* P., *chamoensis* P.); 1916, BSPE, 365.—Skrj., 1915, 132, 135; 1916, 543 (type *tricuspis*); 1916, 83, 147; 1917, P, 479, 480; 1916, 707, 722, 726, 732, 733 (fig.), 747 (*Filariidæ*) 750.

bargusínica Skrj., 1917, 471–473, pl. 18 figs. 9–10 (in *Turdus* sp.; Siberia).

ozouxi Rail. & Henry, in Henry & O'Zoux, 1909, v. 2 (9), 547, to *Fil.* (D.) (in *Faudias madagascariensis*; Nossi-Bé).—Skrj., 1916, 86, 149.

sokolowi Skrj., 1916, 83–86, 147–149, pl. 9 figs. 70–74 (in *Halcyon senegaloides*; Brit. E. Africa).

spermospizæ (Linst., 1879) Skrj., 1916, 84, 147.

tinamicola Skrj., 1916, 707, 726–727, 750–751, figs. 15–17 (in *Tinamus* sp.; Paraguay.)

tricuspis (Fedtsch., 1874) Seur., 1915, 17–21, figs. 16–20 (in *Alæmon duponti*, *Corvus corax tingitanus*, *Garrulus glandarius cervicalis*, *Galerida theklæ hilgerti*, *Motacilla flava flava*); 1916, 343.—Rail. & Henry, 1916, BSPE, 365.—Skrj., 1915, VOv, 131, 132, 135–137, 138; 1916, 543–546 (in *C. corone*, *C. frugilegus*).

DIPLOTRIÆNINÆ Skrj., 1916, 750; 1917, P, 471, 480 (contains *Diplotriæna*; *Serratospiculum*, *Contortospiculum*).

- DIPODIUM** Bosc, 1812a, 72-73 (mt. apiarium) [an insect larva].—Assmuss, 1865, 53.—Stiles & Hass., 1905b, 101.
- apiarium* Bosc, 1812a, 72-73, pl. 1 fig. 3 (in abeille; by Labillardière) [an insect larva].—Stiles & Hass., 1905b, 101.
- DIRHYNCHUS** Rud., 1810a, 260 (for Dicerus, mt. rude).—Duj., 1845a, 641.
- DIROFILARIA** Rail. & Henry, 1911, BSPE, v. 4, 386-387 (tod. immitis); 1916, CrSB, 249.—Brumpt, 1913a, 524.—Cast. & Chalm., 1913a, 522, 535.—Füelleborn, 1912, CfB, v. 65, 349-352.—Gedöelst, 1911a, 108.—Stiles, 1914a, 271.
- corynodes* (Linst., 1899) Rail. & Henry, 1911, 386 (in singes africains).
- granulosa* (Linst., 1906) Rail. & Henry, 1911, 386 (in Felis pardus).
- immitis* (Leidy, 1856) [Rail. & Henry, 1911, 386].—Gedöelst, 1911a, 108 (in dog).—Bach, 1913, CfB, v. 70 (1-2), 50-60.—F., S., & T., 1916a, 417.—Füelleborn, 1912, CfB, v. 65 (4-5), 341-349, figs. 1-4, 1 pl. figs. 1-10.—Hut. & Mar., 1913a, 929.—Johnst., 1916, 99.—Kitt, 1915, 346, fig. 12 (in Felis sondiacus).—Leiper, 1913, 273.—Mitra & Ganguly, 1915, VJ, v. 71, 40-42, figs.—Neum. & Mayer, 1914a, 70, 406.—Nicol, 1914, Sept., 4; 1915, 408 (in dog; Queensland).—Rail., 1915, 509; 1915, IVC, 744.—R., H., & L., 1912, 393, 394.—Seur., 1916, 344 (in Anopheles maculipennis, A. bifurcatus, Culex fatigans, Myzorhynchus pseudopictus, Myzomyia superpicta).
- kuelzi* Rail. & Henry, 1911, BSPE, 386 (ir Cephalophus maxwelli) (for kuelzii Rodenwaldt, 1910).
- kuelzii* (Rodenwaldt, 1910) Seur., 1916, 344 (in C. m.).
- maga'häesi* (R. Bl., 1895) Rail. & Henry, 1911, 386.—Braun, 1915a, 321.—Brumpt, 1913a, 525.—F., S., & T., 1916a, 416, 417, fig. 300.—Gedöelst, 1911a, 108 (in Homo).—Neum. & Mayer, 1914a, 366.—Seur., 1916, 344.—Ward, 1916, 689, fig. 4094.
- recondita* (Grassi, 1890) Neum. & Mayer, 1914a, 70 of Atlas (index, 570).
- repens* Rail. & Henry, 1911, 387 (in Canis dom.; Bologne); 1911, 485-487 (in dog; Annam); 1911, v. 4 (7), 485-488.—Bauche & Bernard, 1911, v. 4 (7), 487-492; 1913, v. 6 (1), 89-99, figs. 1-9.—Braun, 1915a, 321.—F., S., & T., 1916a, 417.—Gedöelst, 1911a, 108 (in dog).—Hut. & Mar., 1913a, 929.—Itefko, 1913, 593.—Neum. & Mayer, 1914a, 11, 70 (?) (index, 570).—Rail., 1915, 510; 1915, IVC, 748.—R., H., & L., 1912, 393, 395.—Seur., 1916, 344 (in C. dom.).
- DISCELIS** Magal., 1905a, 317 (for Dicelis).
- DISCOLAIMUS** Cobb, 1913, JWAS, 439 (tod. texanus).
- texanus* Cobb, 1913, 439 (roots of alfalfa; San Antonio, Tex.).
- DISCOPHORA** Villot, 1875a, 463, 466 (mt. Enoplus cirrhatus) [not Discophora Boisduval, 1836, lepidopt.; not Discophorus Chevrolat, 1880, insect] [see Dipeltis and Diplopeltis].—Stiles & Hass., 1905b, 101.
- cirrhata* (Eberth, 1863) Villot, 1875a, 463, 465, pl. 11 fig. 10-a-c (Manche, Med.).—Stiles & Hass., 1905b, 101.
- DISCOPHORUS** Mehl. in Crep., 1844a, 125 (mt. tenax).
- tenax* Mehl., in Crep., 1844a, 125 (in Raja clavata); 1846, 149.
- DISPHARAGUS** Duj., 1845a, 42, 69-82 (tsd. Spiropt. anthuris).—Anacker, 1893i, 345.—A., D., & E., 1901b, 8, 20.—R. Bl., 1887e, 167.—Braun, 1895b, 213; 1903a, 253.—Carus, 1863, 462.—Fröhner, 1915a, 18.—Gedöelst, 1911a, 111.—Gendre, 1912, PVSL Bordeaux, v. 66, 23-31 (9), 14 figs. (Dahomey); 1913, 1-9, figs. 1-8.—Lepri, 1898a, 58.—Leuck., 1867h, 50.—Linst., 1906, v. 3, in 163-188; 1907, v. 3 (3), in 251-259; 1909, 71.—Mol., 1858d, 152; 1860c, 479-516 (monograph); 1861c, 300.—Mordw., 1908, v. 13 (1-2), 191.—Neum., 1892, 345, 374.—Neum. & Mayer, 1914a, 11, 408.—Nev.-Lem., 1912a, 652.—Olss., 1869b, 487.—Par., 1894a, 572.—Poche, 1912, AN, Jhg. 78, reprint, p. 11, 12, 13, 14, 15, 22, 24, 38, 53, 101 (brevicaudatus, type by elimination); 1914, v. 45 (2), 92 (decorus, type by elimination).—Rans., 1911a, 103 (so. Spiropt.) (type Spiropt. anthuris).—Schneid., 1866a, 79, 84, 236.—Seur., 1916, 354; 1916, CrSB, v. 79 (17), 934-938, figs. 1-4; 1916, CrSB, 1126-1130.—Shipley, 1896a (1901b), 147, 149, 163.—S., F., & W., 1908a, 283-294, 10 pls.—Stiles & Hass., 1905b, 101.—Stoss., 1891b (c), 81-108 (1-28), 3 pls., figs. 1-27 (monograph); 1892e, 448-449; 1892f, 613; 1898, 92-93.—Vaull., 1901, 126.—Walter, 1866, 73.—Wasilewski, 1913a, 243, 305.

DISPHARAGUS—Continued.

- aculeatus* (Crep., 1825) Stoss., 1891b (c), 83-84 (3-4) (s. *Spiropt. gallinulæ*, *S. horrida*, *Fil. spinifera*) (in *Charadrius hiaticula*, *Scelopax gallinula*, *Tringa variabilis*, *T. alpina*; Greifsw.).—Gendre, 1912, 24.
- aduncus* (Crep., 1846) Mol., 1860, 488 (in *Colymbus septentrionalis*, *Larus fuscus*, *L. argentatus*, *L. canus*, *L. marinus*, *L. medius*, *Podiceps auritus*).—Linst., 1909a, 71 (in *C. s.*, *L. ridibundus*).—Stoss., 1891, 86-87 (6-7), pl. 1 fig. 4; 1892, 72; 1895, 34; 1896, 123; 1898, 93; 1902, 11 (in *L. r.*); 1904, 3-4.
- alatus* (Rud., 1819) Stoss., 1891b (c), 89-90 (9-10), pl. 1 fig. 6, pl. 2 fig. 14 (s. *analis* Mol.) (in *Ardea purpurea*, *Ciconia nigra*, *Nycticorax griseus*).—Gendre, 1912, 24.—Linst., 1909a, 72 (in *N. nycticorax*).
- analis* Mol., 1860c, 487-488 (s. *Asc. parvula*, *A. sagittata*, *Spiropt. alata*) (in *Ardea purpurea*, *Ciconia nigra*; *M. C. V.*).—Stoss., 1891b (c), 89 (9) (so. *alatus*).
- anthuris* (Rud., 1819) Duj., 1845a, 75-77, pl. 5 fig. F (in *Corvus glandarius*, *C. pica*, *C. frugilegus*, *C. corax*, *C. corone*, *Coracias garrula*, *Oriolus galbula*, *Pyrrhocorax alpinus*; Rennes).—Baird, 1853a, 8.—Gendre, 1912, 24, 27.—Linst., 1901b, 414.—Mol., 1860c, 490-491 (in *Corvus caryocatactes*, *C. pyrrhocorax*).—Par, 1899a, 14; 1899b, 98 (to *Fil.*) (in *C. f.*; *Portoferrajo*); 1902c, 15.—Poche, 1912, AN, 15.—Stiles & Hass., 1894e, 348 (in *C. americanus*); 1905b, 101 (td. by inclusion).—Stoss., 1891b (c), 88 (8) (in *Garrulus glandarius*, *Nucifraga caryocatactes*, *Pica caudata*); 1891, 218.—Wolfh., 1900, 10, 31.
- ardeæ* S., F., & W., 1908a, 293-294, pl. 10 figs 4-6.—Smith, 1908a, 269 (in *Ardea herodias*; *Phila. Zool. Gard.*).
- attenuatus* (Rud., 1819) Duj., 1845a, 74-75 (in *Hirundo rustica*, *H. urbica*; Rennes).—Mol., 1860c, 484 (in *H. riparia*).—Stoss., 1891b (c), 93 (s. *Fil. tuberculata*) (in *Chelidon urbica*, *Cotyle riparia*).—Poche, 1912, AN, 14.
- bicuspis* (Rud., 1819) Duj., 1845a, 79-80 (in *Tringa helvetica*; *Mus. Wien*).—Dies., 1851a, 231 (so. *Histioc. gracilis*).—Poche, 1912, AN, 14.
- bidens* (Rud., 1819) Duj., 1845a, 77-78 (in *Merops apiaster*; *Mus. Wien*).—Mol., 1860n, 971 (so. *Spiropt. denticulata*).—Poche, 1912, AN, 14.
- bilicola* Schlotthauber, 1860a, 125 (in *Machetes pugnax*; by Schlotth.).
- brevicaudatus* Duj., 1845a, 80 (in *Ardea stellaris*; *Mus. Wien*).—Crep., 1846a, 135 (s. *Spiropt. triænopora*) (in *A. s.*).—Linst., 1909a, 72, fig. 60 (in *Botaurus stellaris*).—Mol., 1860c, 498.—Poche, 1912, AN, 15 (type).—Stoss., 1891b (c), 98 (18) (s. *Str. ardea-stellaris*), (in *Ardetta minuta*, *B. s.*).—Walter, 1866, 73.
- calcaratus* Mol., 1860c, 496-497 (in *Ibis guarauna*; Brazil).—Drasche, 1884a, 210.—Stoss., 1891b (c), 95-96 (15-16), pl. 3 fig. 25.
- capitatus* Mol., 1860e, 341-342 (s. *Spiropt. alata falconis*) (in *Falco minutus*; Brazil).—Stoss., 1891b (c), 98 (18).
- contortus* Mol., 1858 (1859e), 298 (in *Ibis falcinellus*; Padua); 1860c, 496 (s. *Spiropt. falcinelli*) (in *I. f.*; *P.*); 1861c, 302-304, pl. 12 figs. 4-6 (in *I. f.*; *P.*).—Dies., 1861c, 279.—Gendre, 1912, 24.—Stoss., 1891b (c), 91-92 (11-12), pl. 1 fig. 8 (in *Falcinellus igneus*).
- *cordatus* Müell., 1897a, 5-6, pl. 1 fig. 3 (s. *anthuris pars*) (in *Coracias garrula*, *Lanius curullio*, *L. rufus*).
- crassicauda* (Crep., 1829) Mol., 1860c, 486-487 (in *Anas glacialis*, *A. clangula*, *A. tadorna*, *A. fusca*, *Colymbus rufofulgaris*, *C. arcticus*, *C. septentrionalis*, *Mergus serrator*, *M. merganser*; Europe, *M. C. V.*).—Stoss., 1891b (c), 99 (19) (in *Bucephala clangula*, *Harelda glacialis*, *Oidemia fusca*).
- crassissimus* Mol., 1860c, 492 (in *Rhamphastos vitellinus*; Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 90-91 (10-11).
- crassus* Mol., 1860c, 500 (in *Picus viridis*; Berl.).—Stoss., 1891b (c), 87 (7) (so. *quadrilobus*).
- cystidicola* (Lam., 1801) Duj., 1845a, 81-82 (in *Salmo fario*; *Mus. Wien*).—Mol., 1860b, 931 (to *Spiropt.*).—Poche, 1912, AN, 15.—Schneid., 1866a, 105.
- decorus* Duj., 1845a, 78, pl. 3 fig. K (in *Alcedo ispida*; Rennes).—Dies., 1851a, 232 (to *Histioc.*).—Linst., 1909a, 72, fig. 61 (in *A. i.*).—Mol., 1860c, 498.—Poche, 1912, AN, 15; 1914, v. 45 (2), 92 (type of *Disph.* by elimination).
- denticulatus* Mol., 1860c, 495-496 (in *Falco subbuteo*; Rennes).—Stoss., 1891b (c), 99 (19) (s. *falconis-subbuteonis*).

DISPHARAGUS—Continued.

- denudatus* Duj., 1845a, 81, pl. 3 fig. G (in *Cyprinus erythrophthalmus*; Rennes).—Büetsch., 1873a, 23, pl. 8 fig. 9–11 (in *Leuciscus erythrophth.*); 1873a, 23, 104.—Dies., 1851a, 232 (to *Histioc.*).—Hofer, 1904a, 230 (in *Alburnus lucidus*, *Blicopsis abramo-rutilus*, *Idus melanotus*, *Phoxinus laevis*, *Pelecus cultratus*, *Squalius cephalus*, *Scardinius erythrophth.*).—Krøyer, 1846–53a, 434.—Linst., 1877b, 178–179.—Mol., 1860c, 500–501 (in *Leuci. erythrophth.*; Rennes).—Poche, 1912, AN, 15.—Zsch., 1884, 6, 12, 74–76 (in *Sq. c.*).
- denudatus* Büetsch., 1873a, 23, 104 (for *denudatus*).
- depressus* (Schneid., 1866) Gendre, 1912, 29, 30 (7).
- echinatus* (Dies., 1851) Mol., 1860c, 499.—Drasche, 1884a, 210.—Linst., 1909a, 73 (in *Mergus albellus*).—Gendre, 1912, 24.—Stoss., 1891b (c), 84 (4).
- ellipticus* Mol., 1858d, 152 (in *Falco nisus*; Padua); 1860c, 493–494 (in *F. cineraceus*, *F. n.*) (s. *falconis-nisi*); 1861c, 300–301, pl. 12 fig. 1 (in *F. n.*; *P.*).—Dies., 1861c, 279.—Linst., 1879a, 172.—Stoss., 1891b (c), 99–100 (19–20) (in *Circus cineraceus*, *Nisus communis*).—Also reported for *Accipiter nisus*, *Astur nisus*.
- elongatus* (Rud., 1819) Mol., 1860c, 495 (in *Sterna nigra*; M. C. V.).—Drasche, 1884a, 210.—Linst., 1909a, 73 (in *Hydrochelidon nigra*).—Par., 1902, 15 (in *H. n.*).—Stoss., 1891b (c), 95 (15) (in *S. n.*; Wien).
- falconis-nisi* Dies., 1851a, 229 (in *Falco nisus*; Rennes, Duj., 1845a, 72) (to *Spiropt.*).—Mol., 1860c, 493 (so. *ellipticus*).
- falconis-subbuteonis* Dies., 1851a, 229 (in *Falco subbuteo*; Rennes, Duj., 1845a, 72) (to *Spiropt.*).—Mol., 1860c, 495 (so. *denticulatus*).
- filiformis* Zsch., 1884a, 6, 12, 76–78, pl. 2 fig. 15 (s. *Asc. cuneiformis*) (in *Alburnus lucidus*; by Zsch.).—Hofer, 1904a, 230.—Linst., 1902a, 222 (so. *Ancyracanthus denudatus*); 1909a, 73–74 (in *A. l.*, *Gobio fluvi.*, *Idus melanotus*, *Leuciscus erythrophth.*, *Lota vulg.*, *Pelecus cultratus*, *Tinca vulg.*).
- gasterostei* (Stiles, 1891) Stiles, 1892n, 520–524, fig. 8, D. (Fil.) (in *Gasterosteus aculeatus*; Baltic Sea).—Stiles & Hass., 1894e, 348 (in *G. a.*).
- gruvelli* Gendre, 1913, ASL Bordeaux, 87–88, (1–2) figs. 1–3 (in *Francolinus bicalcaratus*; Dahomey) (s. *D. species* Gendre, 1912, 30–31).
- gracilis* Gendre, 1912, ASL Bordeaux, 24–28 (2–5), figs. 1–7 (in *Buchanga atra assimilis*? *Oriolus auratus*; Abomey); 1913, ASL Bordeaux, 87–88, figs. 1–3.
- hamatus* (Linst., 1877) Stoss., 1891b (c), 89 (9), pl. 1 fig. 5, pl. 2 fig. 13 (in *Nisus communis*; Hameln); 1896, 123; 1898, 93; 1899, 3.—Gendre, 1912, 24.—Also reported for *Buteo vulg.*
- hamulosus* (Dies., 1851) Stoss., 1890, 56; 1891b (c), 97 (17), pl. 3 figs. 21, 22, 27 (in *Gallus dom.*).—Fiebiger, 1912a, 241.—Gedöelst, 1903a, 49; 1911a, 111 (in chicken).—Gendre, 1912, 24.—Hass., 1896a, 5.—Hut. & Mar., 1913b, 479.—Nev.-Lem., 1912a, 832.—Rail., 1893a, 544.—Wolffh., 1910, 18; 1911, 52–54.
- invaginatus* Linst., 1901b, 414, figs. 10–11 (host unknown).—Gendre, 1913, ASL Bordeaux, 106–112 (1–7), figs. 1–6 (in *Babulcus lucidus*; Labé).—Hall, 1916a, 76.—Seur., 1915, CrAS, 757.
- involutus* (Linst., 1879) Stoss., 1891b (c), 85–86 (5–6) (in *Strix flammea*).—Lepri, 1898a, 53, 54, 60–61, fig. 8.—Also reported for *Accipiter nisus*.
- laticaudatus* (Rud., 1819) Duj., 1845a, 79 (in *Otis tetrax*; Mus. Wien).—Mol., 1860c, 511 (to *Histioc.*).—Poche, 1912, AN, 14.
- laticeps* (Rud., 1819) Duj., 1845a, 71 (in *Falco lagopus*; Mus. Wien).—Baird, 1853a, 8.—Clerc, 1903, 245, 256.—Dies., 1851a, 220 (to *Spiropt.*).—Drasche, 1884a, 209, pl. 14 fig. 2, 21.—Fiebiger, 1912a, 242.—Gedöelst, 1903a, 49; 1911a, 111 (in chicken).—Gendre, 1912, 24.—Hass., 1896a, 5 (in *Gallus dom.*).—Hut. & Mar., 1910b, 252; 1913b, 258, 479.—Lepri, 1898a, 53, 54, 58–60, 215, fig. 9–10.—Linst., 1903u, 269.—Mol., 1860c, 489–490, 505 (s. *Spiropt. fallax*) (in *Falco lagopus*, *F. cyaneus*, *Strix brachyotus*, *S. bubo*, *S. flammea*).—Nev.-Lem., 1912a, 832.—Poche, 1912, AN, 14, 38.—Rail., 1893a, 543.—Stoss., 1891b (c), 90 (10), pl. 1 fig. 7, pl. 2 fig. 15 (in *Bubo maximus*, *Buteo lagopus*, *Circus cineraceus*, *C. cyaneus*, *G. d.*, *Otus brachyotus*); 1893, 3, fig. 4 (in *Cerchneis tinnunculus*); 1896, 123; 1898, 94.—Wolffh., 1900, 10, 12.—Also reported for *Accipiter nisus*, *Otus vulg.*
- longeornatus* Mol., 1860c, 489 (s. *Spiropt. ardeæ-maguari*; M. C. V.) (in *Ciconia maguari*; Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 96 (16).

DISPHARAGUS—Continued.

- longevaginatus* Mol., 1860c, 486 (in *Ciconia maguari*; Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 96, pl. 3 fig. 20, 26.—Rans., 1904a, 39.
- macrolaimus* Linst., 1906, v. 3 (11), 169–170 (in *Plotus melanogaster*; Wirawila, Ceylon).
- magnilabiatu*s Mol., 1860c, 497 (s. *Spiropt. platealee-ajajæ*; M. C. V.) (in *Platealee ajaja*; Brazil).—Drasche, 1884a, 210.—Stoss., 1891b (c), 94–95 (14–15) (in *Ajaja ajaja*; B.).
- mamillaris* Mol., 1860c, 499–500 (s. *Spiropt. corvi-cajani*; M. C. V.) (in *Corvus cajanus*; Brazil).—Drasche, 1884a, 210.—Gendre, 1912, 29.—Stoss., 1891b (c), 95 (15) (*mammillaris*).
- mammillaris* Stoss., 1891b (c), 95 (15) (for *mamillaris*).
- muscipapæ* (Linst., 1878) Stoss., 1891b (c), 94 (14) (in *Muscicapa atricapilla*; Hameln).—Gendre, 1912, 27.
- nasutus* (Rud., 1819) Duj., 1845a, 75, pl. 5 fig. D (in *Fringilla dom.*; Paris).—Carruccio, 1886b, 293.—Cobbold, 1869a, 67 (in fowl); 1879b, 440.—Collucci, 1893, v. 3, 605–617, 1 pl. figs. 1–7 (in polli).—Fiebiger, 1912a, 242.—Gedœlst, 1911a, 111.—Hass., 1896a, 5 (in *Gallus dom.*).—Hut. & Mar., 1906a, 208; 1910b, 252, 480; 1913b, 258, 478, 479.—Linst., 1883a, 290, 291.—Mol., 1860c, 482–483 (in *Phasianus gallus*; Brazil); 1861c, 301.—Neum., 1892d, 374, 375.—Nev.-Lem., 1912a, 828.—Piana, 1897a, in 239–262, figs. 1–21; 1897b, 170–174, figs. 2–14; 189–193, figs. 15–21; 1897c, 412; 1897d, 887.—Poche, 1912, AN, 15.—Purvis, 1913, v. 63 (2), 108 (in chicken; Wash., Ore.).—Rabricaux, 1900a, 19; 1900b, 562 (in *G. dom.*).—Rail., 1893a, 544.—Stœdter, 1901a, 61, 95.—Stoss., 1891b (c), 92–93 (12–13) (in *Passer dom.*; Wien).
- obvelatus* (Crep., 1825) Linst., 1909a, 73, fig. 62 (in *Larus ridibundus*, *Mergus serrator*, *Tringoides hypoleucus*).
- ornatus* Gendre, 1912, PVSL, 28–30 (5–7), figs. 1–5 (in *Corvus scapulatus*; Abomey).
- papilliferus* (Linst., 1878) Stoss., 1891b (c), 93 (13), pl. 2 figs. 10, 18 (in *Chelidon ularica*, *Cotyle riparia*, *Hirundo rustica*; Rennes).—Gendre, 1912, 24, 27.
- papillosus* (Mol., 1859) Stoss., 1898c, 93–94 (in *Xema ridibundus*; Trieste).—Linst., 1909a, 73, fig. 63 (in *Larus ridibundus*).
- quadrilobus* (Rud., 1819) Duj., 1845a, 79 (in *Picus viridis*; Berl.).—Mol., 1860c, 500 (so. *crassus*).—Poche, 1912, AN, 14.—Stoss., 1891b (c), 87–88 (7–8) (in *Dryocopus martius*, *Gecinus viridis*, *Hylotomus pileatus*; B., Phila.).
- rectovaginatus* Mol., 1860c, 484–485 (in *Falco ater*; M. C. V.).—Drasche, 1884a, 209.—Gendre, 1912, 24.—Stoss., 1891b (c), 92 (12), pl. 2 figs. 9, 16.
- rectus* Mol., 1860c, 494 (s. *Spiropt. falconis* M. C. V.) (in *Falco femoralis*, *F. uncinatus*; Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 91 (11).—Rans., 1904a, 27.
- reticulatus* Tokishige, 1898a, 452–459, fig. 1–4 (in pharyngeal tumor of *Equus cab.*; Nagoya).—[It is not a Disph., C. W. S.].—Gedœlst, 1911a, 111 (in E. c.).—Hut. & Mar., 1906a, 185; 1910b, 224; 1913b, 231.—Nev.-Lem., 1912a, 825.
- revolutus* (Rud., 1819) Mol., 1860c, 492–493 (s. *Acuaria charadrii-himantopodis* (in *Himantopus melanopterus*; M. C. V.)).
- rotundatus* Linst., 1907, 256, pl. 7 fig. 15 (in *Lanius minor*; Turkestan).
- sagitticollis* Schlotthauber, 1860a, 125 (in *Scolopax gallinago*; by Schlotth.).
- species* Gendre, 1912, 30–31 (8–9), figs. 1–4 (in *Francolinus bicalcaratus*; Abomey) [see *gruveli*].
- species* Par., 1899a, 14–15, 1 fig.; 1899b, 98–99, 1 fig. (in *Larus ridibundus*; Portoferraio); 1902, 15 (in *L. r.*).
- spiralis* Mol., 1858d, 153 (in *Phasianus gallus*; Padua); 1859h, 26 (in *P. g.*; P.); 1860c, 491–492 (in *P. g.*; P.); 1861c, 301–302, pl. 12 fig. 2–3.—Carruccio, 1886b, 293.—Cobbold, 1869a, 67 (in fowl); 1879b, 440.—Dies., 1861c, 279.—Fiebiger, 1912, 242.—Gedœlst, 1903a, 48; 1911a, 111 (in *Gallus dom.*).—Gendre, 1912, 24.—Hass., 1896a, 5 (in *G. d.*).—Hut. & Mar., 1910b, 252.—Land., 1882, 23.—Linst., 1883a, 290–291, 314, pl. 7 fig. 22; 1886c, 14.—Neum., 1892, 374.—Nev.-Lem., 1912a, 831.—Poche, 1912, AN, 14.—Rail., 1893a, 543.—R., H., & S., 1912, 624.—Schneidem., 1896a, 308.—Seur., 1916, CrSB, 1126 (of Linst., 1883, so. *Acuaria laticeps*).—Stoss., 1891b (c), 87 (7); 1891, 218, pl. 3 figs. 6–8 (in *Numida meleagris*).

DISPHARAGUS—Continued.

- spiralis columbæ* Bridré, 1910, BSPE, 38-39 (in pigeon; Tunis).
- squamatus* (Linst., 1883) Stoss., 1891b (c), 85 (5) (in *Phalacrocorax carbo*; Turkestan); 1892, 72.—Linst., 1909a, 73, fig. 64 (in P. c.).
- subula* Duj., 1845a, 73-74 (in *Sylvia rubecula*; Rennes).—Gendre, 1913, ASL Bordeaux, 60-62 (1-3), figs. 1-5 (in *Luscinia rubecula*).—Mol., 1860c, 485-486.—Stoss., 1891b (c), 100 (20) (in L. r.; Rennes).
- sygmoideus* Mol., 1860c, 483 (s. *Spiropt. falconis-tridentatus* M. C. V.) (in *Falco tridentatus*; Brazil).—Stoss., 1891b (c), 100 (20).
- tenuis* Duj., 1845a, 73 (in *Saxicola rubetra*; Rennes).—Gendre, 1912, 27.—Mol., 1860c, 485.—Poche, 1912, AN, 14, 38.—Stoss., 1891b (c), 100-101 (20-21) (in *Pratincola rubetra*; R.).
- truncatus* (Crep., 1825) Duj., 1845a, 77 (in *Upupa epops*; Rennes).—Mol., 1860b, 942 (to *Spiropt.*).—Poche, 1912, AN, 15.
- uncinatus* (Rud., 1819) Rail., 1893a, 543 (in dom. birds; Berl.).—BtW, 1907, Jan. 31, 76 (geese, epizootic).—Fiebiger, 1912a, 241, figs. 163-164.—Gedølst, 1903a, 48; 1911a, 111, fig. 148 (in duck, goose).—Gendre, 1912, 24.—Hut. & Mar., 1910b, 480; 1913b, 258, 479 (in Enten, Gänsen, Schwänen).—Linst., 1909a, 71-72, fig. 58 (in *Anas bochas*, *Anser anser*, *Daphnia pulex*).—Mordw., 1908, v. 13 (1-2), 191.—Nev.-Lem., 1912a, 829.—Solovlev, 1912, 111.—VJVT Preuss., 1906 (for 1904), 40 (in geese).—Also reported for *Anser cinereus* dom.
- ulvarius* (Mol., 1860) Stoss., 1891b (c), 101 (21) (in *Icterus lacernulatus*, *Momotus levaillanti*; Brazil).
- DISPHARYNX** R., H., & S., 1912, CrSB, 623 (tod. *nasuta* Rud., 1819) (subg. of *Acuaria*) (contains also: *spiralis* M., *rectovaginata* M., *capitata* M., *crassissima*).—Skrj., 1916, 505.
- nasuta* (Rud., 1819) R., H., & S., 1912, CrSB, 623, to *Acuaria* (D.).
- noctux* Seur., 1913, CrSB, v. 74 (2), 103-106, figs. 1-6 to *Acuaria* (D.) (in *Carine noctua glaux* Sav.; Birine Hauts plateaux algeriens).
- spiralis* (Mol., 1858d) Skrj., 1916, 505-506 to *Acuaria* (D.) (poule).
- DITRACHICEROSOMA** Brera, 1809a, 140-145, pl. 3 figs. 11-13 (*Ditrachyceros* Herman, 1801, renamed).—Chiaje, 1825 or 1829, 37; 1833, 44.—Stiles & Hass., 1905b, 101.
- DITRACHYCERAS** Sulzer [nv.].—Dungl., 1893a, 339.—Encycl. méth., 1824, v. 2, 285-286.—Rud., 1809a, 31; 1810a, 258.
- rude* (Rud., 1810) [?Olfers, 1816a, 66].—Slawikowski, 1819b, 79.
- rudis* Rud., 1810a, 258 (in *Homo*) (to *Diceras*); 1819a, 184 (to *Diceras*).—Cobbold, 1866a, 9.—Dungl., 1893a, 329, 821.—Encycl. méth., 1824, 286.—Küech., 1855a, 464.
- DITRACHYCEROS** Herm. in Sulzer, 1801a, 1-52, pls. 1-2 (no specific name is used, but Sulzer translates *Ditrachyceros* into *Bicorne rude*. *Ditrachyceros* is used as a generic name).—Andral, 1829d, 632.—Blainv., 1824a, 514 (so. *bicorne*).—Brera, 1809a, 140.—Lænnec, 1804b, 132, 134, 135, 170; 1804a (1812a), 7, 89-96; 1814a, 43-45.—Lam., 1816b, 150; 1824, 514.—Lamour., 1824a, 567.—Lesauvage, 1818a, 115-118; 1819a, 267.—Nordm., 1840a, 562.—Stiles & Hass., 1905b, 101.—Tschudi, 1837a, 15, 73 (s. *Bicorne*).—See also *Dytrachyceros*, *Ditrachycerosoma*, *Ditrachycerosoma*, *Ditrachyceras*, *Diceras*.
- rude* (Rud., 1810) Duj., 1845a, 640-641.
- rudis* (Rud., 1810) Lam., 1816b, 150 (in *Homo*).—R. Bl., 1889d, 707 (6) (un ovarie de mûrier).—Brems., 1824, 320-322, pl. 9 fig. 3; 1828, 320-322, pl. 9 fig. 3.—Dies., 1841a, 1177-1181.—Guiart, 1910a, 587.—Hémont, 1827a, 21.—Joy, 1835a, 505.—L'Herminier, 1826a, 12, 14.—Moq.-Tand., 1860a, 390 (= *Bicorne rude*).—Nordm., 1840a, 562 (in *Homo*).
- DITRACHYCEROSOMA** Brera, 1809a, 140-145, figs. 11-13 (*Ditrachyceros* Herm., 1801, renamed).—[?Olfers, 1816a, 66].—Stiles & Hass., 1905b, 101.
- rudis* (Rud., 1810) Moq.-Tand., 1860a, 390 (so. *Bicorne rude*).
- DOCHMIA** Braddon, 1893a, 1-68 [nv.].
- DOCHIMUS** Pietro Paresi, 1878, 437 (misprint for *Dochm*ius).
- Dochmiasis* (name of infection with *Dochm*ius).—Fröhner, 1915, 252 (of dog), 253 (cat).

- DOCHMIUS** Duj., 1845a, 267, 275, 276-279 (tsd. *Unc. vulpis*; see also *criniformis*) (D. includes: *crinif. [melis]*, *ursi*, *trigonoc.* [*s. U. vulpis*], *crassus*, *tubæf.*).—Bail., 1866b, 57.—Birch-Hirschfeld, 1886, 254.—Borah, 1892, 103.—Braun, 1883a, 149, 159, 171; 1895b, 210, 213; 1903a, 251, 253; 1908a, 282.—Brumpt, 1910a, 364 (cf. *Ankylost.*); 1913a, 428.—Campb., 1892, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81.—Carus, 1863, 464.—Cast. & Chalm., 1910a, 78, 432; 1913a, 111, 554.—Costello, 1890-93, 19, 20, 22, 23.—Dav., 1877a, cxi.—Dies., 1851a, 299-301 (includes: *tubæf.*, *trigonoc.*, *crinif.*, *crassus*, *hypost.*); 1861a, 715-716.—Dobs., 1892b, 354; 1893b, 262.—Giles, 1892h, 172.—Goldb., 1855a, 112.—Grassi, 1877-78c, 451.—Gupta, 1892, 100.—Hall, 1916a, 111 (so. *Unc.*).—Heller, 1876a, 776.—Jägers., 1897b, 4, 9, 10, 19.—Kholodk., 1899a, 178.—Leuck., 1867b, 20, 24, 32, 33, 47, 55, 56, 57, 58, 59, 70, 75, 88, 93, 133, 134, fig. 56; 1868a, 402, 409-410, 412, 414, 415, 417, 418, 419, 421, 424; 1876a, 561; 1879a, 78, 94, 134, 186, 187; 1886d, 59, 71, 102, 145.—Linst., 1906, 92.—Looss, 1902c, 423, 424, 425 (Dohmius misprint).—Mégn., 1882c, 282-289; 1882ff, 408 (in dog, epidemic); 1882ll, 663-666 (mouth); 1882mm, 59; 1883, 111 (anemia in dogs).—Mol., 1861a, 435, 463, 471 (Dochmius), 476-495 (11, 39, 52-71).—Moniez, 1896a, 298.—Olss., 1869b, 488.—Par., 1877; 1878, 190; 1887, 352.—Par. & Grassi, 1877b (c), 191 (pars s. of: *Asc.*, *Unc.*, *Str.*); 1877, v. 10, 190-195, 1 pl., figs. 1-8.—Pearse, 1914, v. 3, 685.—Perronc., 1881a, 435-436; 1882, 360-361, fig. 152.—Rail., 1884k, 452-454, figs. 1-2; 1893a, 464 (so. *Unc.*); 1900, v. 15, 82, 88, 93.—Ratz, 1893b, 434-458; 1895c, 153-159.—Rawitz, 1893a, 1698-1699.—Rindfleisch, 1884, 208.—Schneidem., 1896, 304, 305, 320.—Schneid., 1866a, 126.—Schulthess, 1882, 177, 210, 211.—Shipley, 1896a (1901b), 133, 135, 142, 160, 163.—Sl. & Sw., 1912a, 331.—Stiles, 1902hh, 186; 1903k (1), 15 (so. *Unc.*).—Stiles & Hass., 1899a, 164 (so. *Unc.*) (type *Unc. vulpis* Frøel., 1789); 1905b, 102 (type *U. v.*).—Stødter, 1901a, 15, 26.—Trasbot, 1882, 418.—Ward, 1895a, 342 (in *Canis* fam.).—Wucherer, 1869a, 171, 172, 183, 184, 200.—Weber, 1889, 431.—See also: *Docmius*, *Dochmius*, *Dachm-*
mius, *Dochimus*, *Doemius*, *Dohmius*.
- anchilostomum* Ward, 1895a, 311 (so. *Unc. duodenalis*) for *anchylostomum*.
- anchylostomum* Mol., 1861a, 485-487 (61-63), 630 (*duodenale*, in *Homo*, renamed).—Braun, 1903a, 294; 1908a, 330; 1915a, 352.—Cast. & Chalm., 1910a, 432; 1913a, 554.—Cobbold, 1879b, 211.—Dies., 1861a, 716 (*anchylostoma*).—Lutz, 1888f, 745-748.—Par. & Grassi, 1877, 192 (so. d.).—de Moraes, 1904a, 46, 47 (*ankylostoma* in Brazil).—Rail., 1893a, 465 (so. *Unc. duod.*).—Simon, 1897, 226.—Stiles, 1902, 192; 1903k (1), 21.—Stoss., 1899, v. 19, 117 (so. *U. d.*).—Tyson, 1903a, 1193 (so. *Sclerost. duod.*).—Ward, 1895a, 330; 1903, 221 (so. *U. d.*).
- ancylostomum* R. Bl., 1888a, 744 (for *anchylostomum*).
- ankylostoma* Lutz, 1888f, 747-748 (for *anchylostomum*).
- ankylostomum* Huber, 1896a, 597 (for *anchylostomum*).—Brumpt, 1910a, 365; 1913a, 428.—Looss, 1902c, 424.—Sl. & Sw., 1912a, 332.
- ankylostomus* Dungl., 1893a, 340 (for *anchylostomum*, see *Ancylost. duodenale*).
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- bidens* Mol., 1861a, 493-494 (69-70) (s. *Str. forceps ursi-lotor*, *S. viverræ-naricæ*; M. C. V.) (in *Nasua narica*, *Procyon cancrivorus*; *Ypanema*).—Linst., 1878a, 42 (in *N. socialis*).—Stoss., 1899, 126 (to *Unc.*).

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- tubæformis* Wucherer, 1869, 171 (misprint for *tubæformis*).
- trichocephalus* Osman Galeb, 1878b, 300 (misprint for *trigonoc.*) (in dog).
- trigonocephalus* Miller, 1903a, 491–511, 4 figs.; 1903b, 413 (misprint for *trigonoc.*).
- trigonocephalus* Carità, 1887a, 57 (for *trigonoc.*).
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- alticola* Menz., in Hofmæn. & Menz., 1914, ZA, 87–88 (in Moospolstern; Sutzfluh (Rhätikon), Pizot); 1914, AN, 32, 36, 66–68, 82, 83, figs. 10–12; 1915, 189–191.
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- attenuatus* Man, 1880a, 94–95 (in moist soil; Holland); 1912, b. 1, 457.—Hofmæn. & Menz., 1915, 197, 198.
- bastiana* Brakenhoff, 1914, v. 22, 309 (for *bastiani*).
- bastiani* Büetsch., 1873a, 22, 29–30, pl. 1 figs. 3a–b (free; F. a. M., Cuxhaven).—Cobb, 1888a, 29; 1904, 365, fig. 2.—Daday, 1910, v. 23, 51.—Ditlevsen, 1912, 248.—Hofmæn. & Menz., 1915, 198–199.—Jägers., 1909, 37, 41–42, fig. 57.—Man, 1876a, 109, pl. 5 figs. 11a–b; 1876b, 32, pl. 5 figs. 11a–b (Leiden); 1884, 185, pl. 31 fig. 131; 1906, v. 41, 173–174; 1907, v. 2, 16–17 (in soil; Germany, Holland, Hungary); 1907, v. 7, 24–25.—Marcinowski, 1909, 41.—Menz., 1913, 412; 1914, AN, 32, 40, 71–72, 73.—Micol., 1913, 11; 1913, 121–122; 1914,

DORYLAIMUS—Continued.

bastiani—continued.

513–519, pl. 13 fig. 10a–l, pl. 18 30 a–c; 1915, 269.—Oerley, 1880, 119, 124–125.—Stefanski, 1916, ZA. 364.—Steiner, 1916, ZA, 323, 325, 326–327, 329, fig. 7, 338.

bastiani longicaudatus Daday, 1894, Mte, v. 12, 139–140; 1897, v. 2 (1), 105, fig. 95 (free; Balaton).

bathybius Daday, 1906, v. 30, 414–415, figs. 4–5 (free; Vierwaldstædter See); 1911, 504.—Hofmæn. & Menz., 1915, 191.—Jægers., 1908, 677.—Steiner, 1914, AHP, 273.

biró Daday, 1899, Mte, 571–572.

borborophilus Man, 1876a, (b) 102–105 (25–28), pls. 4–5 fig. 8a–i (Leiden).—Oerley, 1880 a (b), 119, 123 (107, 111) (borborophylus).—Silva Araujo, 1878b, 52.

brachyuris Man, 1880a, 83 (in sand; Holland); 1884a, 170, pl. 27 fig. 112 (in sand; Holland, Germany); 1906, v. 41, 169.—Daday, 1899, v. 17, 571; 1905, v. 23, 328.

brigdamensis Man, 1876a (b), 112–116 (35–39), pl. 6 fig. 13a–f, 14 a–b (Leiden); 1884a, 188–189, pl. 32 fig. 135 (s. *macrourus* Linst., *stenosoma* Man) (in marshy ground; Germany, France); 1906, v. 41, 174; 1907, v. 7, 25 (Walcheren Isl.); 1912, v. 1, 460.—Brakenhoff, 1914, v. 22, 309.—Cobb, 1888a, 29 (in moist soil).—Daday, 1905, v. 23, 327.—Ditlevsen, 1912, 248.—Menz., 1914, AN, 73.—Oerley, 1880a, 119, 126.—Southern, 1914a, 9 (Clare Isl.).—Steiner, 1916, ZA, 338.

bryophilus Man, 1880a, 85 (in sand; Holland).—Menz., 1914, AN, 68.—Steiner, 1916, ZA, 321.

bulbiferus Cobb, 1906, 164, 175–178 (about roots of diseased cane; Maui, T. H., Hawaii).

carteri Bast., 1865c, 106, figs. 38–40 (aquatic; Falmouth).—Büetsch., 1873a, 29.—Brakenhoff, 1914, v. 22, 307–309.—Cobb, 1888a, 29.—Daday, 1905, v. 23, 328; 1913, 666.—Ditlevsen, 1912, 245–246.—Hofmæn., 1913, 640–641.—Hofmæn. & Menz., 1915, 193–194.—Jægers., 1909, 36, 38–39, fig. 51.—Man, 1884a, 177, pl. 29 fig. 122; 1906, v. 41, 171–172 (dans la prairie de terre argileuse; Walcheren Id.); 1907, v. 2, 13–14 (in wet soil; W. I., Engl., Holland, Germany); 1907, v. 7, 21–22; 1912, v. 1, 458.—Menz., 1914, AN, 31, 32, 33, 34, 35, 38, 39, 40, 41, 42, 69–70, 79, 82, 90.—Micol., 1913, 11; 1914, 503–505; 1915, 268–269.—Oerley, 1880, 119, 120.—Southern, 1914a, 8 (Clare Isl.).—Stefanski, 1916, ZA, 364.

centrocercus Man, 1884a, 175, pl. 28 fig. 119 (in marshy soil; Netherlands); 1907, v. 2, 14–16, pl. 1 fig. 4 (s. *obtusicaudatus* Man, 1884, 167, pl. 26 fig. 109d–e male) (in wet soil; Sèvres, Holland); 1907, v. 7, 9, 22–24, pl. 1 fig. 4.—Brakenhoff, 1914, v. 22, 305–307, pl. 3 fig. 22.—Menz., 1914, AN, 67.—Steiner, 1916, ZA, 338.

condamni Vaňha, 1893, 283, 287, 288, pl. 7 figs. 1–7; 1893, 478, 479; —?, 1–14, pl. 4 figs 1–13 [nv.].—Marcinowski, 1909, 42.—Nev.-Lem. 1913, 284, 312, fig. 261.

coronatus Man, 1906, v. 41, 156, 168–170, figs. 14–19, 172 (prairie de terre argileuse; Walcheren Id.); 1912, v. 1, 454.

crassoides Jægers, 1908, ZA, v. 33, 673–677, figs. 1–4 (in Thuner-See, Switz.).—Hofmæn. & Menz., 1915, 201.

crassus Man, 1884a, 186–187, pl. 32 fig. 133 (in marshy ground; Holland).—Hofmæn. & Menz., 1915, 200–201.—Jægers., 1908, v. 33, 677; 1909, 37, 41, fig. 55.—Plotnikov, 1901, 247.—Southern, 1914a, 9 (Co. Mayo).

cyatholaimus Daday, 1905, Z, v. 18 (44), 66–67, pl. 4 figs. 5–6 (in fresh water; Paraguay); 1905, v. 23, 327, 328.—Steiner, 1916, ZA, v. 46, 328 (*Cyatholaimus*).

demani Steiner, 1914, AHP, 274–275, figs. 28–29 (bei Gandria am Luganersee, Switz.).

dolichodorus Man, 1906, v. 41, 164 (new name for *macroderus* of Vaňha & Stoklasa, 1896, not of Man, 1880).

domus-glaucci Cobb, 1893b, 294 (45) (in moss on walls of the Casa Poetæ; Pompeii, Italy).

doryuris Ditlevsen, 1912, 251–252, pl. 3 fig. 28, pl. 4 figs. 29–31 (Lynaes, Kildeskoven, Furesø, Denmark).

DORYLAIMUS—Continued.

- elaboratus* Cobb, 1906, 164, 167-169 (about roots of diseased cane; Hawaii).
- elegans* Man, 1880a, 86 (in sand; Holland).—Daday, 1905, v. 327; 1910, v. 23, 51-52.—Steiner, 1916, ZA, 321.
- elongatus* Man, 1876a (b), 96-97 (19-20), pl. 3 figs. 4a-c.—Brakenhoff, 1914, v. 22, 300.—Hofmæn. & Menz., 1915, 184-185.—Menz., 1914, AN, 37, 38, 63-64, 83.—Oerley, 1880a, 119-120.—Silva Araujo, 1878b, 52.
- ettersbergensis* Man, 1885a, 13-14, pl. 2 fig. 6 (in moist Ettersberg soil; Central Germany).—Menz., 1914, AN, 68.
- eurydorys* Ditlevsen, 1912, 244-245, pl. 3 fig. 25, pl. 4 fig. 30 (Varde Aa).—Menz., 1914, AN, 67.
- exilis* Cobb, 1893b, 290-291 (41-42), pl. 40 (5) figs. 1-5 (about roots of banana plant; Fiji).
- fasciatus* Linst., 1879a, 165, pl. 11 figs. 1-2 (on moss roots; lng.).
- fecundus* Cobb, 1914, TAMS, 72, 88-89 (38, 54-55, 92) pl. 5 fig. 12 (on Algæ; Potomac River, Wash., D. C.).
- filicaudatus* Daday, 1905, Z, 18, 64-65, pl. 4 figs. 7-8 (in fresh water; Paraguay); 1905, 56-57, pl. 4 figs. 7-8; 1905, Mte, v. 23, 327.
- filiformis* Bast., 1865c, 107-108, figs. 48-49 (aquatic; Bagshot).—Daday, 1899, v. 17, 572; 1905, v. 23, 327 (Jippe-See); 1910, v. 119, 542 (Egypt); 1913, 666.—Hofmæn., 1913, 644, pl. 16 fig. 24.—Hofmæn. & Menz., 1915, 201-202.—Jægers., 1909, 37, 41.—Menz., 1914, AN, 82.—Oerley, 1880a (b), 119, 121 (107, 109).—Steiner, 1916, ZA, 346.
- filiformis* Ehrenb., [nv.].—Daday, 1910, v. 23, 52 (Jippe-See).—Man, 187, pl. 34, figs.
- flavomaculatus* Linst., 1876a, 6-7, fig. 13 [spelled also Donylaimus] (free; Ratzeburger See).—Hofmæn., 1913, 643-644, pl. 16 figs. 16-17.—Hofmæn. & Menz., 1915, 205-206, pl. 6 figs. 18a-d.—Jægers., 1909, 37, 42, fig. 59 [=58].—Micol., 1913, 11; 1913, 122; 1915, 269-270; 1914, 519-524, pl. 14 figs. 11a-1, pl. 18 figs. 31a-e.—Oerley, 1880a, 119, 121 (107, 109).
- flavomacullatus* Stefanski, 1916, ZA, 364 (apparently misprint for flavomaculatus).
- frigidus* Steiner, 1916, ZA, v. 46, 318, 319-321, figs. 3a-b (Possession Isl.).
- gaussi* Steiner, 1916, ZA, v. 46, 318, 321-323, figs. 4a-b (Possession Isl.).
- giardi* Certes, 1889, L47-L48, figs. 3-4 (Terre de Feu).—Daday, 1905, Mte, v. 23, 344.—Menz., 1914, AN, 77, 78; 1917, RaZ, 153, 154.
- gracilis* Man, 1876a (b) 106-107 (29-30) pl. 5 figs. 9a-c.—Hofmæn. & Menz., 1915, 192.—Menz., 1914, AN, 33, 35, 39, 68, 82.—Oerley, 1880a, 119, 124.—Silva Araujo, 1878b, 52.—Steiner, 1916, ZA, 326, fig. 6.
- graciloides* Steiner, 1914, AHP, 434-435, figs. 31-33 (bei Bellinzona, Switz.).
- granuliferus* Cobb, 1893b, 293 (44), pl. 40 (5) figs. 1-5 (around roots of banana plants; Fiji).—Steiner, 1916, ZA, 329.
- hartingii* Man, 1880a, 93 (in moist soil; Holland).
- hawaiiensis* Cobb, 1906, 164, 172-173 (about roots of diseased cane; Hilo).
- hofmännerei* Menz., in Hofmæn. & Menz., 1914, ZA, 88 (in Moospolstern und an Graswurzeln; Rhætikon, Tessin, Kalkalpen); 1914, AN, 32, 33, 34, 39, 41, 72-73, 81, 82, 83, figs. 13-16; 1915, 203-204.
- ichthyuris* Cobb, 1906, 164, 165, 166-167 (about roots of diseased cane; Hilo, H. I.).—Man, 1912, v. 1, 454.
- iners* Bast., 1865c, 109, figs. 57-59 (in moss; Falmouth).—Bûetsch., 1873a, 29.—Oerley, 1880a, 119-121.
- intermedius* Man, 1884a, 170-171, pl. 27 fig. 113 (s. tritici Man, v. 26, 23, pl. 4 figs. 7a-c) (in moist soil; Holland, Switz.); 1906, v. 41, 165, 166, 167, 168; 1907, v. 2, 13 (Holland, Germany, Switz., Hungary); 1907, v. 7, 21, 24; 1912, v. 1, 457.—Brakenhoff, 1914, v. 22, 304.—Ditlevsen, 1912, 244.—Hofmæn. & Menz., 1915, 187-188.—Jægers., 1909, 36, 38, fig. 50.—Marcinowski, 1909, 41, 42.—Menz., 1914, AN, 65, 66.—Micol., 1914, 500-503, pl. 19 fig. 32.—Southern, 1914a, 8 (Clare Id.).—Stewart, 1914, v. 10, pl. 4 (13), 247.
- intermedius alpestris* Menz., in Hofmæn. & Menz., 1914, ZA, 87 (in Rhætikon u. auf dem Pitz Ot, stets in Moospolstern); 1915, 188-189.—Menz., 1914, AN, 32, 36, 65-66, 82, 83, figs. 7-9.

DORYLAIMUS—Continued.

- javanicus* Zimmerman, 1898, v. 27, 52, fig. 17 (on coffee roots).—Faber, 1909, CfB, v. 23 (6-9), 218.
- labiatus* Man, 1880a, 78-79 (in sand; Holland); 1906, v. 41, 169.—Brakenhoff, 1914, v. 22, 300.
- labyrinthostoma* Cobb, 1893b, 294-296 (45-47), pl. 37 (2) figs. 1-3 (in soil about banana plants; Fiji); 1906, 169.—Steiner, 1916, ZA, 328.
- langi* Cobb, of Man, 1906, v. 41, 169; (for *langii*).
- langii* Cobb, 1888a, 28, 29-30, 33, pl. 2 figs. 22-23 (on Algæ, mosses; Jena).—Man, 1906, v. 41, 169; 1907, v. 7, 26.—Menz., 1914, AN, 49, 63, 67.
- laticollis* Man, 1906, v. 41, 165-168, figs. 10-13 (in soil; near Flessingue, Walcheren Id.).—Menz., 1914, AN, 67.
- latus* Cobb, 1891c, 150; 1904, 372.—Steiner, 1914, AHP, 432.
- leuckarti* Büetsch., 1873a, 28-29, pl. 1 figs. 2a-c; 5a-b (free; near F. a. M. and on Gras von Cuxhafen; by Büetsch.); 1873a 22 (*leuckarti*).—Daday, 1905, v. 23, 328.—Hofmæn. & Menz., 1915, 192.—Man, 1884, 177, pl. 29 fig. 121; 1885, 14; 1906, v. 41, 172, 173.—Menz., 1914, AN, 32, 68-69, 70, 82.—Oerley, 1880a, 119, 124.
- leuckarti* Büetsch., 1873a, 22 (for *leuckarti*).
- libycus* Pierantoni, 1915, AMz Napoli, v. 4, 1-4, fig. 1 (terra umida; Bu-Gheilan, Tripolitania).
- limnophilus* Man, 1880a, 96; 1906, v. 41, 168 [see also *lymnophilus*] [nv.]; 1912, v. 1, 454.—Brakenhoff, 1914, v. 22, 309.—Daday, 1910, v. 23, 53 (Bura-Sumpf).—Jägers., 1909, 37, 39-40, fig. 52.
- linea* (Oken, 1815a) Bast., 1865c, 109 (aquatic; Dorpat).
- linatus* (Schneid., 1866) Oerley, 1880a, 119.—Jägers., 1909, 43, fig. 60.
- longicaudatus* Büetsch., 1874b, 256 (in garden soil; Germany).—Brakenhoff, 1914, v. 22, 310.—Daday, 1905, v. 23, 327.—Ditlevsen, 1912, 248.—Hewitt, 1913, 147, 150, figs. 11-12.—Hofmæn., 1913, 642.—Hofmæn. & Menz., 1915, 202-203.—Linst., 1876a, 7.—Man, 1876a, 109-112; 1876b, 32-35, pls. 5-6 figs. 12a-f.—Micol., 1914, ZJ, 511-512.—Oerley, 1880a, 119, 126.—Plotnikov, 1901, 246.
- longicollis* Cobb, 1893b, 291-292 (42-43), pl. 41 (6) figs. 1-6 (about roots of banana plants; Fiji); 1906, 173.—Steiner, 1914, AHP, 274.
- longii* Menz., 1914, AN, 67 (misprint for *D. langii*) [nv].
- luganensis* Steiner, 1914, AHP, 432-434, figs. 27-28 (am Luganersee, Switz.).
- lugdunensis* Man 1880a, 93-94 (in sand; Holland).—Hofmæn. & Menz., 1915, 196-197.—Menz., 1913, ZA, 412; 1914, AN, 32, 34, 35, 71, 82, 83, 90.
- lymnophilus* Man [nv.].—Daday, 1905, Mte, v. 23, 328 (see *limnophilus*).
- macrodoroides* Steiner, 1914, AHP, 436-437, figs. 34-35 (bei Airola, Gotthard).
- macrodorus* Man, 1880a, 81-82 (in moist soil; Holland); 1912, ZJ, v. 1, 454-456, pl. 23 figs. 4, 4a.—Brakenhoff, 1914, v. 22, 303-304.—Hofmæn. & Menz., 1915, 186-187.—Menz., 1913, ZA, 412; 1914, AN, 31, 32, 33, 34, 35, 36, 38, 39, 40, 41, 42, 64-65, 69, 79, 82, 83, 90.—Steiner, 1914, AHP, 436; 1916, ZA, 345.
- macrolaimus* Man, 1884a, 191-192, pl. 33 fig. 138 (in marshy ground; Netherlands); 1907, v. 2, 20 (Holland, Hungary); 1907, v. 7, 28; 1912, v. 1, 457.—Brakenhoff, 1915, v. 22, 310-311.—Daday, 1905, v. 23, 327; 1910, v. 23, 53-54 (Nyassa); 1913, 666-667.—Ditlevsen, 1912, 249-250, pl. 4 fig. 38, pl. 5 figs. 41, 44, 45, 47, 48.—Hofmæn., 1913, 642-643.—Hofmæn. & Menz., 1915, 205.—Jägers., 1909, 37, 42-43, fig. 59.—Menz., 1914, AN, 39, 42, 74, 81.—Micol., 1914, ZJ, 524-527; 1915, 270-271.—Plotnikov, 1901, 246.—Steiner, 1916, ZA, 328.
- macrourus* Linst., 1876, 7, fig. 14 (*Donylaimus*) (in moist moss; Ratzeburg).—Oerley, 1880a, 119, 125.
- magnicollis* Cobb, 1906, 164, 173-174 (about roots of diseased cane; Hawaii).
- marinus* Duj., 1845a, 231, pl. 3 fig. D (in sea water; Algæ; Lorient).—Bast., 1865c, 110 (marine; L.).—Büetsch., 1873a, 19.—Stiles & Hass., 1905b, 102.
- maritimus* Ditlevsen, 1913, v. 3 (15), 429-430, figs. 1-5 (free; Greenland).
- maximus* Büetsch., 1874b, 255-256, figs. 1a-c (in garden soil; Germany).—Hempelm., 1912a, 108.—Menz., 1914, AN, 62, 63, 64.—Oerley, 1880a, 119, 123.

DORYLAIMUS—Continued.

- microdorus* Man, 1880a, 85-86 (in sand; Holland).—Menz., 1914, AN, 68.
- micrurus* Daday, 1905, Z, v. 18 (44), 68-69, pl. 4 figs. 9-12 (in fresh water; Paraguay); 1905, v. 23, 328.—Steiner, 1916, ZA, 321.
- minimus* Steiner, 1914, AHP, 437-438, figs. 36-38 (bei Airolo) (*minutus* Cobb not Büetschli, renamed).
- minutus* Büetsch., 1873a, 30, pl. 1 figs. 6a-b (free; lng.).—Linst., 1876a, 8.—Menz., 1914, AN, 68.—Oerley, 1880a, 119, 122.
- minutus* Cobb, 1893a, 810 (33) (about roots of sugar cane; N. S. W.).—Steiner, 1914, AHP, 437 (renamed *minimus*).
- monohystera* Man, 1880a, 86-87 (in sand; Holland); 1906, v. 41, 168; 1912, v. 1, 454.—Brakenhoff, 1914, v. 22, 305.—Plotnikov, 1901, 247.
- novæ-zealandiæ* Cobb, 1904, PCPS, v. 12, 367, 370-371, 372, 373 (aquatic); Lake Taupo, New Zealand).
- obtusicaudatus* Bast., 1865c, 106-107, pl. 9 figs. 41-42 (in woods; Falmouth).—Brakenhoff, 1914, v. 22, 303.—Ditlevsen, 1912, 244—Hofmæn., 1913, 641-642.—Hofmæn. & Menz., 1915, 185-186.—Jægers., 1909, 36, 37, 38, fig. 49.—Man, 1884, 167, pl. 26 fig. 109; 1906, v. 41, 163-164, figs. 8-9 (prairie de terre sablonneuse; Walcheren Id.); 1907, v. 2, 12-13, pl. 3 fig. 3 (in wet soil; Sèvres, Eng., Holland, Germany, Austria, Russia); 1907, v. 7, 20-21, 22, 24 pl. 3 fig. 3.—Marcinowski, 1909, v. 7 (1).—Menz., 1914, AN, 67.—Oerley, 1880, 119, 120.—Plotnikov, 1901, 247.—Southern, 1914a, 8 (Clare Id.).
- obtus* Cobb, 1893b, 291 (42), pl. 40 (5) figs. 1-5 (about roots of banana plants; Fiji).
- oxycephalus* Man, 1885a, 15-16, pl. 3 fig. 7 (in moist Ellersberg soil; central Germany), 1906, v. 41, 168; 1912, ZJ, 454, 459-461, pl. 23 figs. 6-6b.
- pachydermis* Daday, 1908, Mte, v. 26, 21-23, fig. 22; 1910, v. 23, 53, pl. 3 figs. 6-7 (Kilima-Ndjarö).
- pachysoma* Linst., 1876a, 8, figs. 15-16 (under moss; Stade).—Oerley, 1880, 119, 123.
- pacificus* Cobb, 1906, 164, 165, 169-170 (about roots of diseased cane; Hawaii).
- palustris* (Carter. 1859) Bast., 1865c, 109 (aquatic; Isl. of Bombay).—Büetsch., 1873a, 20.—Shipley, 1896a (1901b), 157 (in water; East Indies) (quotes Carter who thinks this is larva of *Fil. medinensis*).
- papillatus* Bast., 1865c, 108, pl. 10 figs. 52-53 (on *Festuca elatior*; Broadmoor, Berks).—Büetsch, 1873a, 8, 21, 27-28, pl. 1 figs. 1a-b (free; F. a. M. Cuxhafen).—Cobb, 1888a, 28, 29, pl. 2 fig. 21.—Man, 1876a, 98-99; 1876b, 21-22, pl. 5 fig. 5; 1906, v. 41, 168; 1907, v. 7, 26.—Menz., 1914, AN, 49.—Oerley, 1880, 119, 122.
- parvus* Man, 1880a, 92 (in sand; Holland); 1912, ZJ, v. 1, 458.—Menz., 1914, AN, 68.—Steiner, 1916, ZA, 327-328.
- perfectus* Cobb, 1893b, 292-293 (43), pl. 40 (5) figs. 1-4. pl. 41 (6) figs. 1-6 (in soil about roots of banana plants; Fiji).—Steiner, 1914, AHP, 431-432, figs. 25-26 (Langensee, Switz.); 1916, ZA, 346.
- polyblastus* Bast., 1865c, 108, pl. 10 figs. 50-51 (in moss; Falmouth).—Menz., 1914, AN, 67, 82.—Oerley, 1880a, 119, 120.
- pratensis* Man, 1880a, 84-85 (in sand; Walcheren).—Steiner, 1916, ZA, 321.
- primitivus* Man, 1884a, 9, 159, 162-163, 194, pl. 24 fig. 103.—Daday, 1905, Mte, v. 23, 328.
- profundis* Cobb, 1904, PCPS, v. 12, 367, 372-373 (aquatic; Lakes Wakatipu, Waikaremoana, and Manapouri; New Zealand).
- pusillus* Cobb, 1893a, 810-811 (33-34) (about roots of sugar cane and moss; N. S. Wales); 1906, 164, 165, 174-175 (Hawaii).
- pusillus* Daday, 1905, Z, v. 18, 69-70, pl. 4 figs. 13-16 [not Cobb, 1893] (in fresh water; Paraguay); 1905, Mte, v. 23, 328; 1913, 667.
- pygmæus* Steiner, 1914, AHP, 217-272, figs. 21-22 (unter Moos; Insel Ufenau, Zürichersee, Switz.).
- regius* Man, 1876a (b), 92-94, pl. 3 figs. 2a-d (15-17) (Leiden).—Brakenhoff, 1914, v. 22, 301-303, pl. 3 figs. 18-21.—Marcinowski, 1909, v. 7 (1), 56.—Oerley, 1880a, 119, 122.

DORYLAIMUS—Continued.

- rhopalocercus* Man, 1876a, (b), 99-100 (22-23), pl. 4 figs. 6a-c (Leiden).—Brakenhoff, 1914, v. 22, 304.—Ditlevsen, 1912, 245.—Oerley, 1880a, 119, 122.—Silva Araujo, 1878b, 52.
- robustus* Man, 1876a (b), 94-96 (17-19), pl. 3 figs. 3a-d (Leiden).—Daday, 1905, v. 23, 328.—Oerley, 1880a, 119-121.—Silva Araujo, 1878b, 52.—Steiner, 1916, ZA, 323.
- rotundicauda* Man, 1880a, 100-101 (in sand; Holland).—Daday, 1905, v. 23, 327.—Steiner, 1916, ZA, 328.
- silvestris* Man, 1912, ZJ, v. 1, 452-454, 459, pl. 23 figs. 3-3a (in sand in woods; near Breda).
- similis* Man, 1876a (b), 107-108 (30-31), pl. 5 figs. 10a-d (free; Leiden); 1884, 179, pl. 29 fig. 123; 1906, v. 41, 171-172.—Hofmæn. & Menz., 1915, 194.—Menz., 1914, AN, 31, 35, 36, 39, 70, 82, 83.—Oerley, 1880a, 119, 123.
- species Büetsch., 1873a, 30-31 (free; by Büetsch.).
- species Cobb, 1893b, 256 (7) (in celery).
- species Fedtsch., 1874a, 58.
- species Menz., 1914, AN, 35, 36, 37, 38, 39, 40, 41, 68, 83.
- species Stefanski, 1916, ZA, 368.
- species Stewart, 1914, v. 10, pl. 4 (13), 247, pl. 30 figs. 5-7 (in *Suberites aquæ-dulcioris*, *Spongilla* sp.; Chilka Lake).
- spengelii* Man, 1912, ZJ, v. 1, 456-459, pl. 23 figs. 5-5d (in sand around roots of *Erica*; near "Bergen op Zoom").
- spiralis* Cobb, 1893b, 293-294 (44-45) (among bases of carrot leaves; N. S. Wales).
- stagnalis* Duj., 1845a, 231, pl. 3 fig. C (in *Cyprinus carpio*, *Gasterosteus lævis*; Rennes).—Bast., 1865c, 106, figs. 35-37 (in mud; Falmouth and New Cross, Kent).—Brakenhoff, 1914, v. 22, 310.—Büetsch., 1873a, 20-21, 27, pl. 1 figs. 4a-d; 1873, v. 26, 379, pl. 25 figs. 13a-c.—Daday, 1897, v. 10, 124; 1905, v. 23, 344; 1910, v. 119, 576; 1911, 504.—Ditlevsen, 1912, 247-248, 249, 250.—Fric & Vávra, 1901, 93. Hempelm., 1912b, 108.—Hofmæn., 1913, 638-640, pl. 16 figs. 18a-b.—Hofmæn. & Menz., 1915, 199-200.—Jægers., 1909, 37, 40, figs. 53, 54.—Krøyer., 1838-40a (in *Gast. aculeatus*).—Leuck., 1868a, 360.—Linst., 1876, 7, 8-10, fig. 17-22 (Ratzeburger-See); 1885, 235-236, pl. 13 figs. 1-4.—Man, 1884, 186, pl. 32 fig. 132; 1907, v. 2, 17-20, pl. 2-3 fig. 5 (?s. *striatus* Daday) (in Seine, Meudon, France, Germany, Eng., Hungary); 1907, v. 7, 20, 25-28, pl. 2-3 fig. 5.—Menz., 1914, AN, 31, 32, 33, 35, 73, 82.—Micol., 1913, 7, 11; 1914, ZJ, 506-511, pl. 14 figs. 12a-e.—Oerley, 1880a, 119, 125.—Plotnikov, 1901, 246.—G. Schneid., 1906, 683; 1913, 30 (in *Acerina cernua*, *Abramis brama*, *Alburnus lucidus*, *Gobio gobio*).—Stefanski, 1916, ZA, 364.—Stiles & Hass., 1905b, 102.
- s. riaticaudatus* Cobb, 1906, 164, 170-172 (about roots of diseased cane; Maui, Hawaii).
- striatus* Daday, 1894, Mte, v. 12, 140; 1897, v. 10, 127, pl. 14 figs. 8-11, 14; 1897, v. 2 (1), 108-109, figs. 96-99 (free; Balaton) (quotes 1894, v. 12, 128).—Man, 1907, v. 2, 17 (so. *stagnalis*); 1907, v. 7, 27.—Plotnikov, 1901, 246.
- subsimilis* Cobb, 1893a, 810 (33) (about roots of sugar cane; N. S. Wales).
- sulcatus* Cobb, M. V., 1915, TAMS, 32-35 (Maple River, Mich.).
- superbus* Man, 1880a, 79-80 (in moist soil; Holland).—Daday, 1905, v. 23, 344.—Menz., 1914, AN, 67.
- tenuicaudatus* Bast., 1865c, 107, figs. 43-44 (in mud; Tunbridge Wells).—Hofmæn. & Menz., 1915, 204.—Menz., 1914, AN, 73.—Oerley, 1880, 119, 124.
- tenuicollis* Steiner, 1914, AHP, 273-274, figs. 25-27 [apparently Switz.].
- tenuis* Linst., 1879a, 166 (on roots of moss; Ing.).
- tenuis* n. sp. Ditlevsen, 1912, 246-247, 249, pl. 5 figs. 39-40, 42-43, 46 (Lyngbe Sø).
- torpidus* Bast., 1865c, 108-109, figs. 54-56 (on *Festuca elatior*; Broadmoor, Berks).—Büetsch., 1873a, 29.—Marcinowski, 1909, v. 7 (1), 56.—Oerley, 1880, 119, 123-124.
- tripapillatus* Daday, 1905, z, v. 18, 67-68, pl. 4 figs. 19-21 (in fresh water; Paraguay); 1905, v. 23, 327-328.
- tritici* n. sp. Bast., 1865c, 107, pl. 10 figs. 45-47 (in ground, at roots of wheat; Broadmoor, Berks).—Man, 1876a, 100-102; 1876b, 23-25, pl. 4 fig. 7a-c (Leiden).—Marcinowski, 1909, v. 7 (1), 56.—Oerley, 1880, 119, 120.

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unipapillatus Daday, 1905, z. v. 18, 70-71, pl. 4 figs. 17-18 (in fresh water; Paraguay); 1905, Mte, v. 23, 328.

vesuvianus Cobb, 1893b, 294 (45) (among moss on sides of Mt. Vesuvius; Italy; 1893, 45).

vesuvianus helvetica Steiner, 1914, AHP, 431, figs. 24a-b (Switz.).

zograffi Man, 1885a, 24 (in soil; Moskow).

zschokkei Daday, 1906, v. 30, 413-414, figs. 1-3 (free; Vierwaldstædter-See).—Hofmæn. & Menz. 1915, 195-196.—Jægers., 1908, v. 33, 677.

DOSMIUS Chalpowski, 1909, 328 (misprint for Dochmius).

duodenalis (Dubini, 1843) Chalpowski, 1909, 328.

Draconculose. See Dracunculosis.

DRACUNCULUS Penel, 1905, 67 (misprint for Dracunculus).—Stiles & Hass., 1907a, 39.

loa (Cobbold, 1864) Penel, 1905, 67.—Stiles, 1907b, 42.

oculi (Gerv. & Ben., 1859) Penel 1905, 67 (so. *loa*).—Stiles, 1907b, 42.

DRACONEMA Cobb, 1913, JWAS, v. 3 (5), 145-149 (tod. cephalata).

cephalata Cobb, 1913, JWAS, v. 3 (5), 145-149, fig. 1 (Kingston Harbor, Jamaica).—Steiner, 1915, ZJ, 240 (cephalatum) (Naples and Barentssee).

Dracontiasis. See Dracunculosis.

Dracontiasse. See Dracunculosis.

DRACUNCULI Sennert, (1641a), 233; (1641b), 1-3; (1641c), 359.

DRACUNCULIDÆ Leiper [nv.].—F., S., & T., 1916a, 374, 385.—Rail., 1916, RMv, 521.

DRACUNCULIINÆ Stiles, 1907b, 38, 39; 1909e, 311-312.—Rail., 1916, RMv, 519.—Ward, 1916, 682.

Dracunculose. See Dracunculosis.

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(AFRICA) Tutschek, 1853a, 27-34; 1853b, 481-484.

(AUSTRIA) Schwartz, 1858a, 499-503, figs. 3-9.

(BOMBAY) Hutchinson, 1916, 23; 1917, TDB, v. 9 (3), 132-133.—Liston, 1913 RBBL, 32-36; 1914, *ibid.*, 12-16; 1914, IMG, v. 49 (1), 34.

(CAIRO, EGYPT) Burguières, 1861a, 1301-1302; 1861b, 452.—Sachs, 1878, (4), 95-96 (surgical).

(CUBA) Oxamendi, 1864a, 118-120.

(DEUTSCHLAND) Leiper, 1907, DmW, v. 33 (5), 200.—Mosler, 1884a, 1-25.—Seifert, 1908a, 547.

(EDINB.) Drummond, 1794a, 294-300.

(EGYPT) Looss, 1914, HdT, v. 2, 491.

(FAIZABAD, OUDH) Kemp, 1904a, 189 (clinical).

(FRANCE) Rayer, 1836a, 454-455.—Regnault, 1903a, 320-321.

(GR. BRIT.) Cast. & Chal., 1910a, 417-418, 1045, 1057.

(INDIA) Turkhud, 1913, 54; 1914, TDB, v. 3 (6), 317-318.

(JENA) Hempelm., 1912a, 111.

(KHARTOUM) Wenyon, 1908b, 132-135.

(LILLE) Verdun, 1907, 420-423.

(LOND.) Loney, 1844a, 309.—McConnell, 1914, JTMH, v. 17 (22), 337-340.

(MADRAS) Lorimer, 1839a, 46-54.

(MONTPELLIER) Benoit, 1859b, 518-539, pl. 2, 6.—Thibaut, 1859a, 521-523; 1862a, 161-162; 1863a, 52.

(MOSKOW) Fedtsch., 1871a, 71-82.

(NAP.) Savarese, 1805a.

(OXFORD) Osler, 1912, PM, 307-308.

(PARIS) R. Bl., 1892s, 1044-1045.—Brumpt, 1910a, 467.—Fontoymont, 1902a, 509.—Larrey, 1804a, 178-179.—Levert, 1857, v. 1, 402.—Perrin, 1896a, 549-552; 1896b, 1315-1318.—Roubaud, 1906a, 1-72.—Seize, 1874a, 1-49.

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(PHIL.) Tyson, 1903a, 1196.

(SECUNDERABAD) Stewart, 1853a, 88-96.

(U. S. A.) Bennett, 1898a, 216.

(MISCELLANEOUS) F., S., & T., 1916a, 386.—Musser, 1913a, 532.—Piot, 1906, 589.—Wood & Fitz, 1897, 341.

Bibliography: (GR. BRIT.) Inglis & Leiper, 1912, JLSTM, v. 2 (1), 1-24.

Cases: (ARGENTINE REPUBLIC) Alvarez, 1903 (Semana med., Buenos Aires, v. 10 (53), 1288-1289.

(AUSTRALIA) MacGillivray, 1860a, 172-174.

(BELGIUM) Defaye, 1860a; 1860b, 268-270; 1863a, 52-53.—Defaye & Testelin, 1860a, 568-572.

(BELGIAN CONGO) Cammermeyer, 1914, NML, v. 12 (10), 1169-1170.

(BERL.) Bartels, 1898a, 155-156.—Med. News, 1898, July 23, 121.

(BUDAPEST) Sellei, 1896a, 536; 1896b, 1143-1145.

(CALCUTTA) Twining, 1835a, 476-480.

(CONSTANTINOPLE) Picipio, 1858a, 85-89; 1858, (24), 653.

(DANZIG) Passauer, 1860a, 432-435; 1861a, 749.

(DEUTSCHLAND) Fabry, 1907, AST, v. 11, 298-299; 1907, CPA, v. 18 (13), 519; 1908, CfB, v. 41 (19-21), 665.—Senator, 1898a, 130-131.

(DUBLIN) Tufnell, 1869a, 45-52 (fatal).

(EDINB.) Duncan, 1879a, 713-715.

(EUROPE) Wengler, 1851a, 358-360.

(FIRENZE) Polverini, 1903a, 100.

(FRANCE) Beclerc, 1903, v. 20, 867.—Le Fort, 1886, BAM, v. 16, 22-26.—Nimie & Laval, 1904a, 320-322; 1905a, 419.—Robin, 1855a, 35-37.—Sauveplane, 1909, Toulouse méd., v. 11, 257.

(GR. BRIT.) Burnett, 1830a, 285-291.—Moore, 1865a, 365-366.—O'Donoghue, 1913, JLSTM, v. 2 (2), 146.—Williams, 1886a, 711.

(INDIA) Cayley, 1882a, 305; 1882b, 155-156.—Chitale, 1912, IMG, v. 47, 318-320; 1913, AST, v. 17 (21), 759.—Crawford, 1909, IMG, v. 44, 379.—IMG, 1868, v. 3 (1), 7-8.—Innes, 1900a, 255-256.—Jackson, 1841a, 115-116; 1842a, cccxiv-cccvi.—Raddock, 1877a, 265.

(ITALY) Velo, 1890a, 1545-1546; 1891a, 50-54.

(KLAUSENBURG) Lang, 1864a, 485-488, 501-505; 1864b, 772-774, 789-791, 806-808.

(LOND.) Duncan, 1879a, 713-715; 1884a, 715; 1903, v. 6 (16), 253-254; 1903, v. 1 (19), 735.—Fox, 1879a, 330-331.—Lancet, 1886, v. 2 (14), 658.—Siberry, 1904a, 654-655, pl. 1.

(MARSEILLE) Reynaud & Bonnaud, 1906a, 301-302; 1907a, 468.—Lop, 1913, GHcm, 1254.

(MILAN) Bassini, 1891a, 193-196.

(MONTPELLIER) Benoit, 1859a, 1-24, figs. 1-6; 1859b, 518-539, figs. 1-6; 1859c, 692-696, 699-700; 1859d, 310-315; 1862a, 161-162, 171, 180-181, 190-191, figs. 1-6; 1863, SJ, v. 119 (1), 52.

(MONTREAL) Robinson, 1865a, 55-57.

(MOSKOW) Ostroglazov, 1886a, 29-32.

(PARIS) Lafage, 1886a, 173-174; 1887a, 296-297.—Laurens, 1908, C, v. 8, 135.—Maisonneuve, 1844a, 472-480; 1845a, 527-528.

(PHILA.) Francis, 1901a, 651-652, figs. 1-3.—van Harlingen, 1888a, 417-418; 1888b, 45-46; 1888c, 373.—PMJ, 1898, v. 2 (3), 96.

(RUSSIA) Bulgakoff, 1886a, 1887a, 353-355.—Voskressenski, 1887a, 136-141.

(SAN FRANCISCO) Barkan, 1876a, 151-152 (in ant. chamber).

(SCOTLAND) Paton, 1806a, 151-169.

(SECUNDERABAD) van Someren, 1853a, 76-81.

(SIERRA LEONE) Clark, 1840a, 585-586.

(SOUTHAMPTON) Oke, 1843a, 446-447.

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(STATEN ISLAND) Severance, 1860a, 165-166.

(TRINIDAD) Mitchell, 1859a, 533-534; 1859b, 358-359 (in eye).

(U. S. A.) Buist, 1874a, 104-108.

(VIRGINIA) Jarvis, 1857a, 399-401.

(WIEN) Zontides, 1880a, 287-289.

Dracunculosis, with abscesses: (EGYPT) Looss, 1914, HdT, v. 2, 492.

—, ophthalmia: (FRANCE) Larrey, 1806a, 145-149.

—, tetanus: (SECUNDERABAD) McKenzie, 1853a, 126-127.

—, ulcers: (SCOTLAND) Hutcheson & Forbes, 1744a, 784-787.

—, urticaria: (PARIS) Bertet, 1908, BSPE, v. 1 (5), 309-312; (6), 330-333; 1908, Pm, v. 16 (40), 316.

Eosinophilia: (CONSTANTINOPLE) Remlinger, 1904e, 76-77; 1904f, 203; 1904g, 733; 1904h, 887; 1905a, 44.

(GR. BRIT.) Balfour, 1903, L, v. 165, v. 2 (24), 1649; 1904, RWRL, v. 1, 58-61.—Dudgeon & Child, 1903, JTM, v. 6 (16), 253-254; 1903, BIP, v. 1 (19), 735.

(PARIS) Billet, 1906, CrSB, v. 60, 891-892, 934; 1906, 379-380; 1906, BIP, v. 4 (17), 725; 1906, CPA, v. 17 (20), 834.

(MISCELLANEOUS) Foelger, 1908, 108.

History: (BERL.) Bloch, 1899a, 729-730.—Ewald, 1882b, 547.

(LOND.) Cooper, 1871a, 617, figs. 1-5.

Geographic distribution: Felkin, 1890a, in 266-315, pls. 1-16.

(ABYSSINIA) Looss, 1905c, 180.

(AFRICA) Horton, 1870a, 335-336 (W. coast).—Looss, 1905c, 180.—Mans., 1903e, 617.—Moore, 1738a, 130.—Ward, 1903l, 210-211, figs. 3542-3543.—Wurtz & Sorel, 1911, RMHt, v. 8, 149-154 (epidemic, Ivory Coast).

(ARABIA) Looss, 1905c, 180.—Mans., 1903e, 617.—Niebuhr, 1772a.—Ward, 1903l, 210-211, figs. 3542-3543.

(ASIA) Ward, 1903l, 210-211, figs. 3542-3543 (Southern).

(BAHIA) Pereira, 1876a, in 21-31, 68-82; 1877b, 151-166; 1877c, 295-302.

(BENDER-BOUCHIR, PERSIA) Crespini, 1902a, 198-199.

(BOKHARA) Burnes, 1835a, 459-461.

(BOMBAY) Carter, 1855a, 45-56, 252, figs. 1-9; 1858a, 410-414; 1859a, 215-220; 1859b, 28-44, 98-116, pls. 1-3.—Michie, 1831a, 117-118.

(BRAZIL) Looss, 1905c, 180.—Mans., 1903e, 617.—Silva Lima, 1891b, 433-444; 1891c, 481-491, 533-540.—Ward, 1903l, 210-211, figs. 3542-3543.

(CAIRO, EGYPT) Fahmy, 1885a, 1-46, figs. 1-3.—Perron, 1838a.

(CAPE COAST CASTLE) Robinson, 1846a, 70-72.

* (DECCAN) Gibson, 1839a, 209-210.

(E. INDIES) Lister, 1697a, 417-418; 1731f, 138; 1749e, 139.

(EGYPT) Clot, 1830a, 55-56; 1832a, 126-150.—Littlewood, 1893a, 209-211.

(ERITREA) Coppola, 1906, GmrE, v. 54, 92-96.

(GILBERT AND ELLICE ISLANDS, POLYNESIA) Robertson, 1908, 18.

(GUIANA) Looss, 1905c, 180.

(HAUT-SASSANDRA, COTE D'IVOIRE) Bl., 1911, BSPE, v. 4, 206-209.

(INDIA) Annesley, 1841, 67.—Berncastle, 1851b, 457-458.—Bruce, 1806a, 145-150.—Henderson, 1841a, 353.—Liston & Turkhud, 1914, AISC.—Looss, 1905c, 180.—Mans., 1903e, 617.—Richards, 1904a, 58.—Ward, 1903l, 210.

(INDIA, NORTHERN) Grierson, 1841a, 90-93.—Lorimer, 1839a, 46-54; 1839b, 365-370.

(KHERWARAH) Hendley, 1872a, 59-60.

(LEVANT, VOYAGE DE) Thevenot, 1674a, 257-267.

(MAIRWARA) Greenhow, 1856a, 556-557, figs. 1-4.

(NYASALAND) Leiper, 1913, JLSTM, v. 2 (3), 175.

(OUADAÏ) Motas, Jamot & Robert, 1914, BSPE, 526.

(PERSIA) Looss, 1905c, 180.—Mans., 1903e, 617.—Ward, 1903l, 210.

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- (PETROGRAD) Beltzoff, 1885a, 539-541.
 (SATTARA) Murray, 1847, BMPST, no. 9 (6), 198.
 (SOUDAN) Leger, 1903e, 246-247; 1903f, 175.
 (S. AMERICA) Saulnier de Pierrevée, 1845a, 37-38.
 (TURKESTAN) Durante, 1897a, 808-809.—Looss, 1905c, 180.—Mans., 1903e, 617.—Ward, 1903l, 210.—Yakimoff, 1914, BSPE, v. 7, 192.
 (W. INDIES) Williamson, 1817a, 57.
 Incubation: (CALCUTTA) Dobie, 1881a, vii.
 (EDINB.) Balfour, 1858a, 442-443.
 (FRANCE) Wurtz & Sorel, 1912, CrSmHt, v. 30 (5); 1912, AST, v. 16 (18), 639; 1913, TDB, v. 1 (8), 422-423.
 Location, eye: (MARIBAROU, SAN DOMINGO (Mongin), 1770a, 338-339.
 —, foot: (DEUTSCHLAND) Lachmund, 1688a, 221-222; 1757a, 279-280.
 (RIGA) Allenstein, 1870a, 117; 1870b, 166-167.
 —, leg: (DUBLIN) Foot, 1861a, 339.
 (FRANCE) Robin, 1855a, 35-37.
 (INDIA) Annandale, 1862, 434-435.
 (LOND.) Rollet., 1892a, 152-153.
 —, scrotum: (DEUTSCHLAND) Lachmund, 1688a, 221-222; 1757a, 279-280.
 (FRANCE) Esprit, 1898a, 364-371; 1900, AST, v. 4 (1), 58.
 (LOND.) Duncan, 1884a, 715.
 —, tongue: (INDIA) Hillier, 1892a, 79.
 Mode of infection: (BAHIA) Silva Lima, 1877b, 301-316; 1879a, 67-69, 151-154, 235-238, 319-322; 1881b, 395-406.
 (BOMBAY) Looss, 1905c, 185 (unfiltered drinking water); 1914, HdT, v. 2, 499.
 (INDIA) Carter, 1862a, iii-vii (through sudorific ducts); 1862b, 446.—Harrington, 1899a, 146-147; 1900a, 57-58 (skin).
 (LONDON) Mans., 1903e, 623.
 (PARIS) Marchoux, 1900c, 95-96 (Cyclops).
 Periodicity, seasonal: (GOLD COAST) Leiper, 1911, v. 14 (14), 211-212, charts a-b.
 Prevalence: (BOKHARA) Bost. Med. & Surg. J., 1843, v. 28, 387.
 Prevention, prophylaxis, etc.: (FRANCE) Rodriguez & Neveux, 1908, RMHt, v. 5, 258-260.
 (GR. BRIT.) Smith, 1913, BMJ, v. 2, 1610.—Leiper, 1906, BMJ, v. 1, 19-20 (influence of acid on larvæ); 1906, 1-2; 1906, DmW, v. 32 (3), 115; 1907, NYMJ, v. 83 (4), 209; 1907, BMJ, v. 1, 129-132; 1907, 1-10; 1907, MR, v. 71 (6), 243-244; 1907, BIP, v. 5 (10), 445-446; 1907, HC, v. 2 (19-20), 626; 1907, JTMH, v. 10 (14), 243; 1907, CPA, v. 18 (14), 569; 1907, JTVS, v. 2 (4), 444.
 (INDIA) Lane, 1912, IMG, July; 1913, AST, v. 17 (21), 759.
 (LAGOS) Graham, 1912; 1913, AST, v. 17 (21), 759.
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 Symptoms: (GR. BRIT.) Fagge & Pye-Smith, 1902a, 474-475.
 (INDIA) Duke, 1893a, 403-407; 1895a, 64-65.—Chupin & Gandar, 1900a, 53-62.
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 (CALCUTTA) Greenhow, 1861a, 31-32.
 (CAYENNE AND FRENCH GUIANA) Bajon, 1871a, in 1-156.
 (EDINB.) Marshall, 1905, EMJ, v. 60, 342-345.
 (ERITREA) Coppola, 1906, GmrE, v. 54 (2), 92-96.
 (FRANCE) Émily, 1894a, 460-467.—Roquemaure, 1903a, 497-500; 1904a, 736.
 (GR. BRIT.) Fagge & Pye-Smith, 1902a, 474-475.—Horton, 1868a, 1-51; 1868b, 183-184.—Roth, 1894a, 801.
 (INDIA) Anderson & Dubois, 1806, 300-307.—Huntley, 1894a, 363-364.—Meer Ushruf, 1868a, 6-7.—Minas, 1856a, 568-570.—Peacocke, 1896a, 311.

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- (KORDOFAN, EGYPT) Anderson, 1908; RWRL (3), 281-322, figs. 61-101.
 (LONDON) Davoren, 1894a, 918.—Dick, 1880a, 207-208.—Loney, 1844a, 309 (eye).
 (MONTPELLIER) Trucy, 1873a, 1-42.
 (TURKEY) Oppenheim, 1833a.
 (U. S. A.) Anders, 1903a, 1257-1258.
 (UPPER ASSAM) Forbes, 1894a, 301-304; 1894b, 471-472.
 (MISCELLANEOUS) Craig, 1915, 508.
 —, alcohol injections: (MADRAS) Foulkes, 1898a, 236; 1900, AST, v. 4 (1), 58-59.
 —, amar pattee leaves: (PHILA.) Anders, 1903a, 1258.
 —, asafetida: (PHILA.) Tyson, 1903a, 1197.
 —, carbolic acid: (INDIA) IMG, 1868, v. 3 (1), 7-8.—Porter, 1870a, 108-110.
 (PHILA.) Anders, 1903a, 1258 (compresses after incision).
 (ROME) Cantafora, 1902a, 1050-1058; 1902b, 910; 1903, AST, v. 7 (4), 203 (injections with 3%).
 —, chloroform: (PARIS) Antony, 1904, BSmH, v. 21, 1027-1030.
 —, cocainization: (PARIS) Bellot, 1908, BSPe, v. 1 (9), 560-563 (and excision).
 —, corrosive sublimate, bichloride of mercury: (FRANCE) Blin, AMn, 368.
 (LONDON) Mans. 1903e, 625-626.
 (PARIS) Gallandat, 1760a, 24-28.
 —, electrolysis: (ADEN) Faulkner, 1883a, 1280-1281.
 —, extraction of worm: (FRANCE) Beclerc, 1903, BSmH, v. 20, 867; 1903, L, v. 165, v. 2 (5), 345.
 (INDIA) IMG, 1870, v. 5 (8), 171.
 —, mercuric chloride: (CALCUTTA) Mackenzie, 1898a, 326.
 (U. S. A.) French, 1896a, 647-648.
 (LOND.) Lamb, 1898a, 686.—Mans., 1901c, 555-556.
 —, suction: (LOND.) Dick, 1880a, 207-208.
 —, surgical removal: (GR. BRIT.) Fagge & Pye-Smith, 1902a, 474-475.
 (PHILA.) Anders, 1903a, 1258.
 —, traction (GR. BRIT.) Fagge & Pye-Smith, 1902a, 474-475.
 (KHARTOUM) Cummings, 1911, JTMH, 22.
 (LONDON) Mans., 1903e, 625.
 —, weight extension: (INDIA) Pisani, 1891a, 223.
- DRACUNCULUS Pre-Linnæan.—Bartholinus, 1669a, in 1-531.—Cunelius, 1689a, 395-428.—Kämpfer, 1712a, 524-535.—Lister, 1697a, 417-418.—Paré, 1582a, 253-256.—Sennert, 1641a, 233; 1641b; 1641c, 359.—Stiles, 1907b, 39.—Stiles & Hass., 1905b, 102.
- DRACUNCULUS Reichard, 1759, 12 and Gallandat, 1773a, 103-116 (mt. "D. sive Vena medinensis," also type by absolute tautonymy, see dracunculus); 1775a, 526-529 [not Dracunculus Wieg., 1834, reptile; not Dracunculus, fish, see Krøyer., 1838-40a, 422 (so. Callionymus lyra)].
- (AUSTRIA) Dies., 1861a, 695-698 (includes persarum, oculi, æthiopicus).—Slawikowski, 1819, 23.
 (BELGIUM) Gedœlst, 1911a, 105.
 (BOKHARA) Burnes, 1835a, 459.
 (DENMARK) [Krøyer, 1838-40a, 422 (so. Callionymus lyra [pisces]; refers to "Wormii Museum, p. 268")].
 DEUTSCHLAND) Blumenb., 1825a, 240.—Braun, 1883a, 184; 1915a, 304.—Crep., 1846b, 154, 171.—Leuck., 1876a, 620, 642-644; 1879a, 133; 1886d, 101.—Linst., 1892g, 511.—Roche, 1837a, 807-811.—Rud., 1809a, 72 (of Velsch, so. Fil. alaudæ).
 (EGYPT) Looss, 1905c, 117, 118; 1911a, 235, 246.
 (FRANCE) Chambolle, 1827a, 87-89 (in Homo; Guinee).—Rail., 1916, RMv, 519.—Vautrin, 1854a, 311-314.

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- (GR. BRIT.) Aitken, 1866, 847, 863-880; 1872, 163-175, 176.—Cast. & Chalm., 1910a, 5; 1913a, 11, 522, 541.—Cobbold, 1879b, 205; 1883q, 403, fig. 17 (so. Fil.).—Collier, 1836a, 217-221.—Proc. Roy. M. & Chir. Soc., v. 5 (8), 318-319.—Rollest., 1888a, 683, 686.—Shipley, 1896a (1901b), 131, 135, 147.
- (INDIA) Berncastle, 1851b, 457-458.—Bird, 1825a, 151-164.—Duncan, 1835a, 273-281.—Ewart, 1860a, 470-492; 1860b, 449-461.—Kennedy, 1825a, 165-178.—McClelland, 1840a, 359-371; 1842a, 341-342; 1843a, 812-813.—Mackay, 1870a, 292-294.—Milne, 1831a, 112-116 (lymphangitis).—Morehead, 1833a, 418-434; 1835a, 460-462; 1836a, 49-84.—Scot., 1821a, 96-105.—Smyttan, 1825a, 179-189.—Stewart, 1866a, 433-435.—Waring, 1867a, 316-319.
- (NETHERLANDS) Hussem, 1771a, 443-464.
- (PORTUGAL) de Oliveira & Paulino, 1843a, 132-141.
- (SANTO DOMINGO) Péré, 1774a, 121-132.
- (SATARA, INDIA) Murray, 1847a, in 155-208.
- (U. S. A.) Agnew, 1883, 480.—Dunl., 1893a, 661, 674, 733, 742, 1090, 1150, 1173.—Martin, 1852a, 257-261.—Mitchell, 1870b, 11.—Stiles, 1907b, 39; 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 102.—Stitt, 1916a, 315.
- (WEST AFRICA) Daniell, 1849, 44-45.
- (MISCELLANEOUS) Carro, 1805a, 166-185.
- aethiopicus* (Val., 1856) Dies., 1861a, 698 (in *Felis guttata*; Paris).—Rail., 1889, 74.—Stiles, 1907b, 40.—Stoss., 1897, 30 (so. Fil. *medinensis*).
- dahomensis* (Neum., 1895) Rail. & Henry, 1910, v. 3, 94-95 (in *Python natalensis*; Dahomey).—Seur., 1916, 344 (in P. n.).
- græcorum* Gruner, 1777a, 257-264 (s. Vena *civillis*, V. *egrediens*, V. *exiens*, V. *medinensis*).—Stiles, 1907b, 39.
- [*leonidæ* Aetius, 1549 (800-801) [not used as specific name]].—Brems., 1824, 199.—Rougier Grangeneuve, 1880a, 10.—Ślawikowski, 1819b, 61.]
- loa* Cobbold, 1864b, 147, 388-389 (s. oculi, *Loa*, Fil. *medinensis* pars, *lacrymalis* pars, oculi pars); 1866a, 6; 1867a, 6.—Bachelor, 1880a, 244 (in *Homo*)—Braun, 1903a, 271 (to Fil.); 1908a, 300; 1915a, 315.—Brumpton, 1910a, 449; 1913a, 511.—Cast. & Chalm., 1910a, 421; 1913a, 536.—R. Leuck., 1867, 150.—Morton, 1877a, July, 115.—Penel, 1905, 67 (to Fil.).—Sl. & Sw., 1912a, 353.—Stiles, 1907b, 42; 1914, MM, 312.—Ward, 1903, 211 (to Fil.).
- longissimus* Césalpin.—R. Bl., 1888a, 727 (so. *Eustr. gigas*).
- medinensis* (Linn., 1758) Gallandat, 1773a, 103-116; 1775a, 526-549 (in *Homo*).
- (AUSTRIA) Schwarz, 1858a, 481-483, 499-503.
- (BELGIUM) Ben., 1863a, 379-380; 1878a, 274-275.—Gedøelst, 1911a, 105 (in dog, horse, man, ox, etc.).
- (BOKHARA) BMSJ, 1843, v. 28, 387.
- (BRIT. GUIANA) Daniels, 1910a, 2, 71, 117; 1914a, 125.
- (CUBA) Oxamendi, 1864a, 118-120.
- (DENMARK) Eschricht, 1840b, 148.—Jacobson, 1834d, 1-9; 1837a; 1848a, 132-133.
- (DEUTSCHLAND) Braun, 1883a, 184-185; 1903a, 260 (to Fil.); 1908a, 293; 1915a, 304, figs. 270-272.—Crep., 1846b, 170-171; 1846, v. 32, 278.—Fieliz, 1788a, 492-507.—Ruelleborn, 1913, 321-327, figs. 38-41.—Gescheidt, 1833a, in 405-462.—[Gruner, 1774a, 216-226.]—[Hebra & Kaposi, 1876a, 683-686 ("Peitschenwurm").]—Hirsch, 234-250.—Kûech., 1855a, 304-322, 481, pl. 8 figs. 3-3a.—Kunsemüller, 1797a, 1-24; 1799, 254-286.—Leuck., 1867b, 150; 1876a, 644-725, 743, figs. 312-347.—Linst., 1883, 303; 1896, 13-15 (toxicine). 17; 1901, 273; 1903; 270; 1905, 193; 1906, 391, 397, 398, 399.—Lœffler, 1788a.—Ludwig & Sæmisch, 1895a, 730.—[Meyer, 1788, v. 10 (2), 71; 1789a, 156-162.]—Neum. & Meyer, 1914a, 70, 400, 401, 402, 403.—[Rud., 1819a, 207, literature.]—Sachse, 1846a, 26-32.—Schneid., 1866a, 3.—Sieb., 1845b, 207; 1850i, 358-359.—Vogt, 1878a, 11, 45, figs. 37-40.—Zwicke, 1841a, 30.
- (EGYPT) Burguières, 1861a, 1301-1302; 1861b, 452.—Griffith, 1888a, 317-318 (in dog).—Looss, 1905, 181, 182-188, figs. 39-40; 1914, 491, 493.—Sons., 1883, v. 1, 155.
- (FRANCE) Audouin, 1824b, 613.—Blainv., 1828a, 365-625, pls. 27-28.—R. Bl., 1890, 393-399.—Beuvillez, 1916, BSPE, 163.—Bourel-Roncière, 1878, 192.—Broca, 1890, *Traité de Chir.*, 595-598.—Brumpton, 1910a, 464; 1913a, 526.—

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(INDIA) Batliwala, 1893a, 412-413 (in *E. caballus*).—Bird, 1825a, 151-164.—Brett, 1840a, 131-137; 1840b, 491-494.—Brook-Fox, 1913, JBNHS, v. 22 (2), 390 (in *Gazella bennetti*; Jemagad).—Crespigny, 1859, v. 4, 94.—Ewart, 1860a, 470-492; 1860b, 449-461.—Scot, 1821a, 96-105.

(ITALY) Avicenna, 1865, 80-94, 115, 116.—Bonis, 1876a, 128.—Rivolta, 1869a, 476.—Sons., 1889, 282 (s. Fil. med.). (in *Felis catus*); 1896, 317.

(JAMAICA) [Roane, -?, v. 2, 233, fig. 1].

(JAPAN) Ijima, 1889b, 367.

(NETHERLANDS) Reynhout, 1824a, 13-25.

(PORTUGAL) de Oliveira, 1843a, 132-141, pl. 1.

(S. AMERICA) Wolffh., 1911, 50.

(TRIESTE) Stoss., 1897, 30 (to Fil.).

(TURKEY) Patterson, 1899a, 518-519.—Roussignan, 1858a, 166-170.—Stambolski, 1879a, 58, 66, 76, 84, 92, 98; 1880a, 182, 191, 221, 231, 241.

(U. S. A.) Abbott, 1899, 226.—Anders, 1903a, 1257.—Dungl., 1893a (1900a), 349, 440, 518, 821.—Durkee, 1856a, 277-278.—Leidy, 1856b, 55.—Stiles, 1907b, 39, 40; 1907e, 611, 624; 1914, MM, v. 2, 303-315.—Stiles & Hass., 1894e, 348.—Verrill, 1870, 171, 174, 178.—Ward, 1895a, 330; 19031, 210; 1916, 682, 686, 689, 690-692, figs. 4084, 4086, 4097.

(MISCELLANEOUS) [Browne, 1756, 381-382].—Bush, 1846, 130.—Cantlie, 1907, 1044 (in *Cyclops quadricornis*).—F., S., & T., 1916a, 371, 385-389, 676, figs. 276-278.—Meissner, 1863, 119.—Oke, 1837, 143.—Packard, 518.—Patton & Cragg, 1913, 706.

oculi (Gerv. & Ben., 1859) Dies., 1861a, 697-698 (s. Fil. *medinensis* Gmel. and Dies. (solummodo oculi). *F. lacrymalis* Dubini (nec Gurlt)) (in eye, Homo; Africa).—Bajon, 1777, 325.—Braun, 1903a, 271 (so. Fil. loa); 1908a, 300; 1915a, 1315.—Brumpt, 1910a, 449; 1913a, 511.—Cast. & Chalm., 1910a, 421; 1913a, 536.—Cobbold, 1860, 697 (nv.); 1864b, 388 (sc. loa); 1866, 6.—[Gaz. méd. Par., 1841, 106.]—[Guyon, 1838, 735.]—[Guyot, 1805, 228.]—Linst., 1878a, 2 (so. Fil. loa).—[Mongin, 1770, 338.]—Neum. & Mayer, 1914a, 391.—Nev.-Lem., 1902a, 123; 1908a, 1481.—Sl. & Sw., 1912a, 353.—Stiles, 1907b, 42; 1907e, 620; 1914, MM, v. 2, 312.—Verrill, 1870, 171.—Wagner, 1883, 127.—Ward, 1903, 211 (so. Fil. loa).

perlarum Duj., 1845a, 44 (misprint for *persarum*) (so. Fil. *medinensis*).

perlorum Meissner, 1863, 51 (misprint for *persarum*).—Stiles, 1907b, 40.

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persarum Kæmpfer, 1694a, 395–428; 1712a, 524–535 (in Homo; Persia) [Pre-Linnæan].—Braun, 1903a, 260 (so. Fil. medinensis); 1908a, 293; 1915a, 304.—Brumpt, 1910a, 464; 1913a, 526.—Cast. & Chalm., 1910a, 417.—Cobbold, 1864b, 375.—Dies., 1851a, 269 (so. Fil. med.); 1861a, 696–697; 1861, 280.—Fuchs, 1781a, 1–40.—Herbst, 1787a, 22.—Huber, 1894a, 245–267; 1896a, 593–595, figs. 92–93.—Küech., 1855, 313.—Laporte, 1792b, 531.—Linst., 1878a, 2 (so. med.).—Looss, 1905, 180, 182 (so. med.).—Nev.-Lem., 1902a, 113; 1908a, 490; 1912a, 781.—Schneidem., 1896, 306 (Drakunkulus) (so. Fil. med.).—Sl. & Sw., 1912a, 355.—Stiles, 1907b, 39.—Stoss., 1897, 30 (so. Fil. med.).

spathulum (Leuck., 1876) Dolley, 1894a (1901), 991 (lapsus=*Dist. sinense*).

veterum Velsch, 1674a.—Stiles, 1907b, 39.

veterum Pall., 1760a, 256.—Stiles & Hass, 1907a, 39.—Braun, 1915a, 304.

DRACUNCULUS Moniez, 1896a, 317 (misprint for Dracunculus).—Stiles, 1907b, 39.

Dragonneau (French vernacular for Gord., sometimes referring to G. [= Dracunculus] medinensis).—Chambolle, 1828a, 87–89 (in Homo; Guinea).—Chapotin, 1810a or 1816a.—L'Herminier, 1826a, 7–53.—Marc, 1814a, 244–252.—Matthey, 1820a, 288–294, figs. 1–2; 1820b, 476–477.—Sirus-Pirondi, 1871a, 238–239.—Stiles, 1907b, 40.

DRAKUNKULUS Schneidem., 1896a, 306 (for Dracunculus).—Stiles, 1907b, 39.

persarum (Kæmpfer, 1694a; Fuchs, 1781) Schneidem., 1896a, 306.—Stiles, 1907b, 40.

DUBIUM Rud., 1819a, [184.] 799 (see also Vermis dubius) [a collective group, not of generic value, and without type].

accipenseris-sturionis Rud., 1819a, 191, 799 (s. Pleuror.).

alce-piceæ Rud., 1819a, 188, 799 (in Alca pica; by Fabr.).

antilopes (Rud., 1810) Rud., 1819a, 186, 799 (in African Bock).

argentinæ-sphyrænæ (Rud., 1810) Rud., 1819a, 196, 799 (in Argentina sphyræna).

boæ-caninæ Rud., 1819a, 712, 799 (in Boa canina).

cati-feri Rud., 1819a, [710.] 799 (for felis-cati-feri).

centronoti-glauci Rud., 1819a, 195, 565–566, 799 (in Centronotus glaucus; Nap.).

cepolæ-rubescens Rud., 1819a, 193, 563, 799 (in Cepola rubescens; Rimini).

colubri Rud., 1819a, 712, 799 (in Coluber).

colubri-natrix (Rud., 1810) 1819a, 799 (in Coluber natrix).

colubri-olivacei Rud., 1819a, 189, 559, 799 (in Coluber olivaceus [Philodryas olfersii]; Brazil).

cyprini-aspii Rud., 1819a, 197, 799 (in Cyprinus aspius; Berl.).

cyprini-rutili Rud., 1819a, 197 (in Cyprinus rutilus; Hannover).

falconis-albicollis Rud., 1819a, 711, 799 (in Falco albicollis; Brazil).

falconis-buteonis (Rud., 1810; Gœze, 1782) Rud., 1819a, 187, 799 (in F. buteo).

falconis-nævi Rud., 1819a, 187, 555, 799 (in Falco nævius; Mus. Wien).

falconis-nisi (Rud., 1810) Rud., 1819a, [30.] 187, 799 (in Falco nisus).

felis-cati-feri Rud., 1819a, 710 (in Felis catus ferus; Mus. Wien).

fiatolæ Rud., 1819a, 192, 562, 799 (in Stromateus fiatola; Rimini).

fringillæ-domesticæ Rud., 1819a, 187, 557, 799 (in Fringilla dom.; Mus. Wien).

gadi-æglefini Rud., 1819a, 192, 799.

gadi-merlucii Rud., 1819a, 192–193, 799 (in Gadus merlucius; Nap.).

gadi-morhux (Rud., 1810) Rud., 1819a, 192, 799.

gadi-virentis (Rud., 1810) Rud., 1819a, 192, 799.

labri-nilotici Rud., 1819a, 194, 799 (in Labrus niloticus; Egypt).

lacertarum (Rud., 1810) Rud., 1819a, 188–189, 779 (in Lacerta, L. africana, L. viridis).

lumbrici-terrestres (Rud., 1810) Rud., 1819a, 199, 799.

muris-amphibii (Rud., 1810) Rud., 1819a, 186, 799.

muris-musculi (Rud., 1810) Rud., 1819a, 186, 799.

mustelarum Rud., 1819a, [8.] 799 (for mustelarum-pulmonalis) (in Mustela foina, M. martis, M. putorii).

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- ovis* (Rud., 1810) Rud., 1819a, 186, 799.
perca-cirrosæ Rud., 1819a, 194, 565 (in *Perca cirrosa*; Rimini).
perca-marinæ Rud., 1819a, 195, 565, 799.
pleuronectis-boscii Rud., 1819a, 194, 564, 799 (in *Pleuronectes bosci*).
protei-anguini Rud., 1819a, 189, 559, 763 (in *Proteus anguinus*; Rimini).
rajæ-batis Rud., 1819a, [190, 560,] 799 (in *Raja batis*; Monro, 1783, pl. 13 fig. 14).
rajæ-fullonicæ (Rud., 1810) Rud., 1819a, 190, 779.
ranæ [brasil.] Rud., 1819a, 713, 799 (in *Rana*; Brazil).
ranæ-pipæ (Rud., 1810) Rud., 1819a, 189, 799 (in *Rana pipa*).
salmonis-eperlani (Rud., 1810) Rud., 1819a, 196, 799 (in *Salmo eperlanus*).
salmonis-spirinchi Rud., 1819a, 196, 799 (in *Salmo spirinchus*).
sciænæ-umbræ Rud., 1819a, 194, 565, 799 (in *Sciæna umbra*; Nap.).
scombri-coliæ Rud., 1819a, 195, 566, 799 (in *Scomber colias*; Nap.).
scombri-sardæ Rud., 1819a, 195, 566, 799 (in *Scomber sarda*; Nap.).
scombri-scombri Rud., 1819a, 195, 566, 799 (in *Scomber scomber*; Nap.).
scorpænæ-massiliensis Rud., 1819a, 193, 799 (in *Scorpæna massiliensis*).
serpentum (Gmel., 1790) Rud., 1819a, 189, 800 (in *serpentibus*).
siluri-glanidis Rud., 1819a, 196, 567, 800 (in *Silurus glanis*; teste Gœze).
spari-alcedinis Rud., 1819a, 194, 564, 800.
spari-boopis Rud., 1819a, 194, 565, 800.
spari-melanuri Rud., 1819a, 194, 565, 800.
spari-mormyri Rud., 1819a, 194, 565, 800.
sphyrænæ-spet Rud., 1819a, 196, 567, 800 (in *Sphyræna spet*; Nap.).
squali-catuli (Rud., 1810) Rud., 1819a, 190–191, 800 (in *Squalus catulus*; Argentina).
strigis Rud., 1819a, 711, 800 (in *Strix atricapilla*; Brazil).
sturionis Rud., 1819a, 800 (for *accipenseris-sturionis*).
syngnathi-pelagici Rud., 1819a, 191, 561, 800 (in *Syngnathus pelagicus*; Nap.).
testudinis-terrestri Rud., 1819a, [40,] 800 (in *Testudo terrestris*).
triglæ-adriaticæ Rud., 1819a, 195–196, 566, 800 (in *Trigla adriatica*; Rimini).
triglæ-hirundinis Rud., 1819a, 195, 566, 800 (in *Trigla hirundo*; Rimini).
turdi Rud., 1819a, 711, 800 (in *Turdus*; Brazil).
vespertilionis (Rud., 1810) Rud., 1819a, 185, 800 (in *Vespertilio*).
vespertilionis-auriti Rud., 1819a, 185, 553, 800 (in *Vespertilio auritus*; Mus. Wien).
vespertilionis-discoloris Rud., 1819a, 185, 554, 800 (in *Vespertilio discolor*; Mus. Wien).
vulpis Rud., 1819a, 185, 554, 800 (in *Vulpes*; Mus. Wien).
xiphæ Rud., 1819a, [51,] 800 (in *Xiphias gladius*).
zeus-apri Rud., 1819a, 194, 564, 800 (in *Zeus aper*; Nap.).
zeus-fabri Rud., 1819a, 193, 563, 800 (in *Zeus faber*; Rimini).
- DYACANTHOS Stiebel, 1817a, 174–179, figs. 1–5 (mt. *polyccephalus*) [not *Diacanthus* Sieb., 1817, worm; Latreille, 1834, coleopt.; *Diacantha* Swainson, 1839, fish; Chevr., 1834, coleopt.].
polyccephalus Stiebel, 1817a, 174–179, figs. 1–5 (in *Homo*); 1818a, 372; 1818b, 1570–1572; 1818c, 177–180.
- DYCTOPHYMUS Raf., 1815a, 151 (for *Diectophyme*).—Stiles & Hass., 1905b, 150.
- DYLENCHUS Chapais, 1909, Nat. Canad., 18 (misprint for *Tylenchus*).
devastatrix (Kühn, 1869) Chapais, 1909, 18.
tritici (Steinbuch, 1799) Chapais, 1909, 18.
- DYTRACHICEROS Herm. in Sultzer, 1801a, 9 (corrected to *Ditrachyceros*), 42 (mentions no specific name).—Stiles & Hass., 1905b, 103.
- ECHINOCEPHALUS Mol., 1858d, 154 (type *uncinatus*, only valid species, also type by virtual tautonymy and page precedence) [not *Echinocephalus* Schneid., 1875, protozoon; 1861c, 311.—Oerley, 1885a, 105.—St. Joseph, 1900, 228, 229.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 103.

ECHINOCEPHALUS—Continued.

cygni Mol., 1858d, 154 (in *Cygnus olor*; Padua); 1861a, 611; 1861c, 308, 312–313, pl. 13 fig. 9 (in C. o.; P.); 1861b, 187 (so. *Hystrichis pachic.*).—Jägers., 1909, v. 2 (3), 42 (so. H. p.).—Rail., 1893, 424 (to H.).—Stiles & Hass., 1905b, 103.

gracilis Stoss. in Shipley & Hornell, 1906a, 89 (larva in *Margaritifera vulg*; lng.). [*hispidus* A. Schneid., 1875f, 514, 553, 593–594, pl. 16 figs. 36–40 (in *Lithobius forcipatus*; lng.) [Protozoon].—Leidy, 1889, 11.].

striatus Mont., 1889d (e.), 70–71 (4–5) (in *Scyllium* sp.; Payta, Peru).—Shipley, 1900, 560, fig. 6.—Stoss., 1900a, 3–4, fig. 6 (in *Aetiobatis narinari*; W. Pacific).

uncinatus Mol., 1858d, 154 (in *Trygon bruchio*; Padua); 1861c, 308, 311–312, pl. 13 figs. 5–8 (in T. b.; P.).—Dies., 1861, 279.—Mont., 1889, 71.—Oerley, 1885a, 105, 110 (in T. b.).—Shipley & Hornell, 1904, 100–101 (to *Cheiracanthus*); 1906, 89.—Stiles & Hass., 1905b, 103.—Stoss., 1900, 4; 1901, 91(3) (in T. brucco, T. pastinaca; Trieste).

ECHINODERES Clap., 1863a, 90–92, pl. 16 figs. 7–16 (type ?*dujardinii* or ? *monocercus*) (for *Echinodère* Duj., 1851a, 302–304, pl. 5 figs. 11–15).—Panceri, 1878 (for 1876), AASfm, v. 7 (10), 4.—Reinhard, 1881, ZA, 588–591.—Villot, 1875a, 456 (g. of *Nematoda*).

dentatus Reinhard, 1881, 589 (Odessa).—Southern, 1914a, 69 (Clew Bay), (to *Pycnophyes*).

dujardinii Clap., 1863a, 90–92 (St. Malo), pl. 16 figs. 7–13.—Panceri, 1878 (for 1876), AASfm, v. 7(10), 4–5 figs. 6–7.—Southern, 1914, PRIA, v. 31, 71 (Blacksod Bay, Inushlyre Harbor).

eruca Panceri, 1878 (for 1876), AASfm, v. 7(10), 6, fig. 11 (marine).

meridionalis Panceri, 1878 (for 1876), 5–6, fig. 8 (marine).

minutus Panceri, 1878 (for 1876), v. 7(10), 6, figs. 9–10 (marine).

monocercus Clap., 1863a, 90 (St. Vaast), 91, pl. 16 figs. 14–18.

parvulus Reinhard, 1881, 590 (Odessa).

pellucidus Reinhard, 1881, 590 (Odessa).

ponticus Reinhard, 1881, 589–590 (Odessa).

sieboldii Pag., 1875, ZwZ, v. 25, 117–123, pl. 7 figs. 1–6 (Porto-Pi).

spinosus Panceri, 1878 (for 1876), 7, figs. 12–13 (marine).

spinosus n. sp. Reinhard, 1881, 590 (Odessa).

worthingi Zelinka in Southern, 1914a, 71–72, pl. 20 figs. 8–9 (Blacksod Bay).

ECHINOASTER Montic., 1905d, 11 (species not given).—Porta, 1906a, 268 (for species of *Echinor.* “con serie di aculei ventrali” not mentioned by name) [not *Echinogaster* Lioy, 1864 dipt.].—Lühe, 1912, v. 1, 272, 277, 278, 282.

sagittifer (Lint., 1889) Lühe, 1912, v. 1, 277, 279.

ECHINONEMA Linst., 1898b, Oct. 20, 672 (mt. *Hoplocephalus cintus*) [Hopl.]. Linst., 1898 (not Cuvier, 1829, reptile renamed).—Gemmell & Linst., 1902, 113.—Stiles & Hass., 1905b, 103.

grayi Gemmill, 1901a, 691–692 (from perivisceral cavity of sea-urchin; lng.); 1901b, 588 (in s.-u.).

species Par., 1900c, 195 (in intest. *Didelphys azaræ*; Mus. Buenos Aires).

ECHINORHYNCUS Nordm., 1840a, 641 (for *Echinor.*).—Stiles & Hass., 1905b, 103.

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- alpinus* Linst., 1901e, 278-279, pl. 1 figs. 5-7 (in *Schizopygopsis kozłowi*; Mus. Petrograd).—Porta, 1905a, 161-162, figs. 15a-b.
- aluconis* Müell., 1780, 2, pl. 69 (in *Strix aluco*) [n. v.]; 1784a, 86, pl. 69 figs. 1-4 (in S. a.; by Müell.); 1788a, 39-40, pl. 69 figs. 7-11 (in S. a.).—Bosc, 1802a, 6.—Brug., 1791a, 109, pl. 38 figs. 19-22.—Clerc, 1905, 31.—Dies., 1851a, 37 (so. *tuba*).—Cond.-Franc., 1892, 225.—Frœl., 1802, 65-66, pl. 2 fig. 14.—Gmel., 1790a, 3045.—Lühe, 1905b, 140, 163, 167-170 (in S. a.), 216, 233, 265, 266, 321 (of Rud., 1795, so. *tuba*), 343; 1911a, 41, 42; 1912, ZJ, v. 1, 274.—Marval, 1905a, 204, 205, 206, 207, 208, 210, 211, 215, 217-229 (in S. *tuba*, *stridulæ*, *nyctæ*, *æqualis*, *strigis*, *strigis-auriculæ*, *otidis*, *scopis*, *bacillaris*, *mergi*, *inæqualis*, *contortus*, *globocaudatus*, *caudatus*, *polyacanthoides*, *croaticus*) (in *Accipiter tinus*, *Aquila nævia*, *Archibuteo lagopus*, *Asio accipitrinus*, *A. otus*, *Bubo ignavus*, *B. lacteus*, *B. megalanicus*, *Buteo vulg.*, *Cerchneis tinnunculus*, *Circus æruginosus*, *C. cineraceus*, *Circæetus gallicus*, *Cooperastus pectoralis*, *Corone cornix*, *Crotophaga ani*, *Glaucidium passerina*, *Mergus albellus*, *Milvus ictinus*, *M. regalis*, *Nyctale tengmalmi*, *Pulsatrix hulusa*, *P. perspicillata*, *Scops atricapilla*, *Strix flammea*, *Syrnium aluco*, *S. hylophilum*, *S. uralense*, *Tinnunculus alaudarius*, *T. cinnamomeus*, *Turacus buffoni*), 243, 244, 246, 247, 248, 249, 282, 293, pl. 1 figs. 1-4, 15, 18, 19.—Olss., 1893a, 36.—Rud., 1795a, 13-14 (in *Strix aluco*); 1809a, 275 (so. *tuba*).—Westrumb, 1821a, 23 (so. *tuba*).
- amphipachus* Westrumb, 1821a, 4-5 (*erinacei abdominalis* renamed) (in *Erinaceus europæus*; [Wien]).—Cobbold, 1879, 295.—Dies., 1851a, 22.—Duj., 1845a, 500 (in E. e.; W.).—Linst., 1878a, 15 (in E. E.).—Lühe, 1905b, 170, 202, 203.—Porta, 1908, 280 (in E. e.; W.).—Seur., 1913, 130.
- anatis*.—For this very complicated case see Lühe, 1905b, 170-172. Several authors are involved, especially Gœze, 1782a, Schränk, 1788a, Gmel., 1790a, Frœl., 1789 and 1802.
- anatis* Schränk, 1788a, 26 (in *Hausente*; by Gœze, 1782a, 163-164, pl. 13 figs. 6-7) [not Gmel., 1790a]; 1803, 215 (in *Anas boschas* dom.).—See especially Lühe, 1905b, 151 (s. *filiollis* Rud.), 170-171, 195 (s. *constrictus*), 210 (s. *filiollis*, *boschadis* Bosc and Gmel. [not Schränk], *constrictus*, *tenuicollis*, *torquatus*, *versicolor* pars, *polymorphus* pars, *stellaris*), 243 (cf. *lendix*), 278 (cf. *polymorphus*), 304 (cf. *sphæroc.*, *filiollis*, *polymorphus*), 312 (cf. *tenuicollis* Frœl.), 314.—Frœl., 1789, 105 (in *Anser* dom.); 1802, 68 (cf. *minutus*).—Olfers, 1816, 51.—Rail., 1893a, 569 (so. *polymorphus* pars).—Rud., 1809a, 297 (so. *constrictus*).—Van Cleave, 1916, 131, 133.
- anatis* Gmel., 1790a, 3045 (in *Anas fusca*; Gœze, 1782a, 164-165, pl. 13 figs. 1-2) [not Schränk, 1788a].—See especially Lühe, 1905b, 171-172 (s. *boschadis* Schränk nec Gmel., *minutus*).—Bosc, 1802a, 6.—Nordm., 1840, 644 (so. m.).—Rud., 1809a, 295 (so. m.).
- anatis* [Miscellaneous, including *anatis* Schränk and *anatis* Gmel., for discussion, see especially Lühe, 1905b].—Bennet & Olivier, 1826a, 31.—Brug., 1791a, 108, pl. 38 fig. 1, A-B (in *Anatis fuscæ* intest.).—Clerc, 1905, 30, 31, 33 (of Gœze).—Dies., 1851a, 49 (of Gmel., so. *polymorphus*).—Marval, 1905a, 213, 214, 234-240 ("of Gœze" s. *anatis-boschadis*, *versicolor*, *minutus*, *anatis*, *boschadis*, *collaris*, *anatum*, *tenuicollis*, *constrictus*, *minutus-coccineus*, *polym. pars*, *miniatus*) (in *Ajaja ajaja*, *Anas boschas*, *A. boschas* dom., *A. sponsa*, *A. sp.*, *Anser cinereus* dom., *Bernicla torquata*, *Butorides virescens*, *Cairina moschata*, *Clangula glaucion*, *Cygnus ferus*, *C. olor*, *C. o. dom.*,

ECHINORHYNCHUS—Continued.

anatis—continued.

Dafila acuta, *Fulica atra*, *Fuligula fuligula*, *F. marila*, *Gallinula chloropus*, *Harelda glacialis*, *Herodias egretta*, *Mareca penelope*, *Mergus brasiliensis*; *Merganser castor*, *Metopiana peposaca*, *Netta rufina*, *Nyroca africana*, *N. ferina*, *Oidemia fusca*, *O. nigra*, *Podiceps fluv.*, *Querquedula crecca*, *Somateria mollissima*, *Spatula clypeata*, *Sterna minuta*, *Tadorna cornuta*, 261, 263, 264, 266, 267, 321, pl. 1 figs. 11, 24, 31-34.—Westrumb, 1821a, 33 (of Gmel. and Schrank, so. polym.).—Zed., 1800a, 139-141.

anatis-boschadis Marval, 1905a, 204, 234 (so. *anatis*), 235, 236 (=versicolor), 237, 265 (based on Goeze, 1782a, see also *anatis-bochadis-dom.*).—Lühe, 1905b, 280.

anatis-boschadis-domesticæ Rud., 1809a, 297 (so. *constrictus*) (in *Anas boschas dom.*; Goeze, 1782a, 163, pl. 13 figs. 6-7).—Nordm., 1840, 644 (so. *constrictus*).—See *anatis* Schrank.

anatis-mollissimæ Rud., 1809a, 304-306 (s. *borealis*, *Sipunculus lendix*) (in *Anas mollissima*; by Phipps); 1819a, 72 (so. *filicollis*).—Baird, 1853a, 62 (quotes Müell.=polymorphus Jassoy).—Dies., 1851a, 49 (so. p.).—Lühe, 1905b, 172, 243, 282 (*Sip. l. renamed*) (so. *lendix*).—Marval, 1905a, 263, 264 (so. i.).—[Müell., 1787a, 57 (quotes Phipps, 103, pl. 7 fig. 1).—Rail., 1893, 570 (so. f.).—Westrumb, 1821a, 33 (so. p.).]

anatum Rud., 1819a, 78 (in *Anas clangula*, *A. crecca*, *A. marila*, *A. niraca*, *A. penelope*, *A. rufina*; C. E. V.).—Baird, 1853a, 62 (so. polymorphus).—Lühe, 1905b, 159 (cf. *filicollis*, polymorphus, *minutus*), 172, 173.—Marval, 1905, 234 (so. *anatis*), 263 (so. f.).

anguillæ Müell., (1780), 2, pl. 69 (in *Anguilla anguilla*) [n. v.]; 1784a, 84-85, 1 pl. fig. 1-3 (in *Murena anguilla*); Müell., 1788a, 38-39, pl. 69 figs. 4-6.—Bennet & Olivier, 1826a, 33 (in *Gobius niger*, M. a., *Pleuronectes linguatula*).—Bosc, 1802a, 8.—Brug., 1791a, 111, pl. 38 fig. 16-18 (in *Murena anguillæ intest.*).—Dies., 1851a, 28 (so. *globulosus*).—Lühe, 1905b, 147, 173-174, 188, 199, 221, 235, 286, 297, 329 (cf. g., *carpionis*, *cyprini*, *rutili*, *Acanthoc. sp.*).—Nordm., 1840, 643 (so. g.).—Porta, 1905, 163 (so. g.).—Rud., 1809a, 259 (so. g.).—Šrámek, 1901, 103 (so. g.).—Westrumb, 1821a, 11 (so. g.).

angustatus Rud., 1802a, 53-55 (*lucii renamed*) (in *Esox belone*, *Gasterosteus aculeatus*; by Rud.); 1809a, 266-268, 300, 314, 318 (s. *lucii*, *candidus*, T. *hæruca*) (in E. b., E. *lucius*, *Gadus lota*); 1819a, 68, 79, 318-319 (in *intestinis* *Esocis lucii*, E. b., *Gadi lotæ*, G. a., *Pleuronectis flesi*, P. *soleæ*, *Perca cernuæ*, P. *fluv.*, *Siluri glanidis*; also in *Cottus gobio*, *Perca lucioperca*).—Baird, 1853, 63 (s. c. *percæ*, *affinis* T. h.).—Barbag. & Drago, 1903, 418 (in *Anguilla vulg.*; Catania).—Bellingsh., 1844, 255.—Bennet & Olivier, 1826a, 36 (in E. l., G. l., *Perca fluviatilis*, Pl. f.).—Braun, 1883a, 192, fig. 52; 1895b, 248, fig. 122; 1906a, 343, fig. 223; 1915a, 371, fig. 322.—Braun & Lühe, 1909a, 152, 155, fig. 85; 1910a, 166, fig. 85.—Cobbold, 1876e, 91; 1879, 256, 413, 477, fig. 84, 1.—Cond.-Franc., 1897a, in 1-20, 1 pl.; 1898, 2, 3, 4, 10, 15, 16.—Dies., 1851a, 43-44 (s. p., l., aff., T. h. pars); 1861a, 747.—Donnadieu, 1877g, 29.—Duj., 1845a, 531.—Fiebiger, 1912a, 307.—Fisch., 1840, 155.—Hempel., 1912a, 104, 109, fig. 14.—Hofer, 1904a, 231, 233, 234 (in A. vulg., *Blicopsis abramo-rutilus*, *Coregonus oxyrhynchus*, *Cottus gobio*, *Cyprinus carpio*, E. l., Gast. ac., *Gobio fluv.*, *Idus melanotus*, *Lota vulg.*, *Lucioperca sandra*, *Perca fluv.*, *Scardinius erythrophth.*, Sil. gl., *Tinca vulg.*).—Kaiser, 1893a, 1, 2, 8, 11-12, 13, 21, 22, 27, 28, 29, 30, 31, 32, 33, 34, 40, 41, 42, 43, 44, 49, 50, 52, 56, 60, 62, 64, 68, 69, 72, 77, 78, 86, 87, 88, 89, 90, 92, 104, 105, 106, 107, 108, 116, 118, 119, 121, 123, 126, 134, 135, 136; 1893b, 2, 4, 5, 6, 7, 12, 14, 15, 16, 17, 19, 22, 24, 26, 27, 28, 29, 39, 40, 41, 42, 44, 46, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 62, 63, 69, 70, 72, 75, 77, 78, 81, 84, 86, 89, 90, 91, 92, 93, 96, 97, 98, 99, 100, 103, 104, 105, 106, 109, 112, 113, 114, 115, 117, 120, 121, 123, 127, 128, 129, 130, 131, 134, 135, 136, 137, 138, 141, 147, pl. 2 figs. 10, 14, pl. 3 figs. 1, 2, 5, 7, 9, pl. 4 fig. 2, pl. 5 fig. 21, pl. 6 figs. 1-4, pl. 7 figs. 4-6, 10, 14-16, pl. 8 fig. 1, 25, 30, 32, pl. 9 fig. 53, 56, pl. 10 fig. 16.—Knoch, 1862e, 93.—Köhler, 1887a, in 710-712, 1887b, 539-540; 1887d, 402.—Kowal., 1894, 7, 227; 1904, 11 (in P. fluv. *Galica*).—Kholodk., 1901, 253 (in *Perca. Acerina*).—Krøyer., 1838-1840a, 20; 41, 54, 187, 612, 616; 1843-1845a, 184, 297, 488; 1846-1853a, 137, 253, 273; 333, 349, 434, 641; 1852-53a, 1215, 1223 (in *Anguilla migratoria*, *Barbus fluv.*, Belone *rostrata*, Cor. *oxyr.*, E. l., Gast. ac., Gob. *fluv.*, *Leuciscus erythrophth.*, *Lota vulg.*, Luc. s., *Perca fluv.*, *Platessa flesus*, *Rhombus maximus*, *Salmo fario*, Sil. gl., *Tinca vulg.*).—Lam., 1816, 199.—Leidy (1856), 1857, 48 (s.

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angustatus—continued.

- socialis*).—Levander, 1906 (1904–1905), v. 30, 67.—Leuck., 1876a, 395–397, 730, 732, 733, 737, 738, 751, 758, 766, 788, 795, 805, 807, 808, 818, 821, 824, 826, 831, 833, figs. 348, 349, 354, 355, 357, 360, 362, 367, 368, 370, 374, 378, 381, 384, 388–393; 1879a, 25, figs. 11, 72; 1886d, 18, figs. 11, 72.—Linst., 1872c, 6–16 (anat., develop.), pl. 1 figs. 1–33; 1873, 4; 1878, 207 (in P. f.); 1889a, 71 (in P. f.); 1903, 277; 1905, 193; 1906, 11 (larva in *Asellus aquaticus*).—Lühe, 1905b, 144, 145, 176 (lucii renamed), 186, 191, 247, 270, 272, 275, 286, 331.—Marval, 1905a, 196.—Mola, 1912, 491, 501.—Moniez, 1896, 419.—Mont., 1887, 25.—Mosler & Peiper, 1894, 318.—Müh., 1898, 54, 110.—Nicoll, 1909, 399 (in Sal. far.).—Nordm., 1840, 643, (s. luc.).—Olfers, 1816, 50.—Oles., 1869b, 499, 512; 1876a, 147; 1893a, 34, pl. 4 figs. 64–68, pl. 5 fig. 69 (in *Aspidophorus cataphractus*, *Clupea harengus*, *C. sprattus*, *Cottus bubalis*, *C. poecilopus*, *Coregonus albula*, *Gadus minutus*, *Labrus maculatus*, *L. melops*, *L. mixtus*, *L. rupestris*, *Leuciscus grislagine*, *L. phoxinus*, *L. rutilus*, *Thymallus vulg.*).—Porta, 1904, 4 (in *Gadus aeglefinus*); 1905, 174–176, figs. 24, a–c (s. p., l., aff., platessae, T. h.) (in *Abramis brama*, *Acerina cernua*, *Anguilla vulg.*, *Barbus fluvi.*, *Belone acus*, *Bl. abr.*, *Cot. gob.*, *C. scorpius*, *Coregonus albula*, *C. oxyr.*, *C. lavaretus*, *Clupea harengus*, *Cyprinus carpio*, *E. l.*, *Gast. ac.*, *Gadus aeglefinus*, *Gobio fluvi.*, *Gobius avernensis*, *Id. mel.*, *Labrax lupus*, *Leuciscus rutilus*, *Lepidoleprus trachyrhynchus*, *Lota vulg.*, *Luc. san.*, *Merlucius vulg.*, *Motella mustela*, *Perca fluvi.*, *Phoxinus laevis*, *Platessa flessum*, *P. plana*, *P. vulg.*, *Rhombus maximus*, *Salmo eriox*, *Sc. ery.*, *Sil. gl.*, *Solea vulg.*, *Squalius cavendishii*, *S. illyricus*, *Thymallus vulg.*, *Tinca vulg.*, *Trutta fario*), 177–178, 196, 197, 198, 202; 1906, 260, 262.—Rollest., 1888a, 689; Salensky, 1873a, 509.—Schneid., 1896, 325.—Schneid., 1903, 7, 8, 22, 23–25, 26, 28, fig. 9; 1913, 33.—Shipley, 1896 (1901b), 174, 183; 1900, 439.—Sieb., 1836, 232; 1839, 160.—Sons., 1891, 256, 264 (in E. l.).—Stiles & Hass., 1894e, 353 (in *Esox reticulatus*).—Stoss., 1886, 49; 1887, 25, 191; 1890, 54; 1891, 113 (in A. v.; Trieste); 1892, 67; 1893, 139.—Tosch, 1905, 116–117.—Wagener, 1857, 80, 83.—Walter, 1866, 67.—Westrumb, 1821a, 26, 54 (in *intestinis Gadi loti*, *Pleuronectis flessi*, *passeris*, *soleae*, *Percae fluviatilis*, *luciopercae*, *cernuae*, *Gasterosteus aculeati*, *Siluri glaudis*, *Esocis lucii*, *belones*, *Cotti gobii*).—Zed., 1803a, 151–152 (in *Esox l.*, E. b.).—Zsch., 1884, 11, 61–63 (in *Cyprinus carpio*, E. l., *Lota vulg.*, *Perca fluvi.*); 1896, 774, 784, 818, 819, 820, 821 (in *Perca fluvi.*, *Tinca vulg.*); 1903, 130, 132, 135, 140, 146, 147 (in *Lota vulg.*).—Also reported for *Barbus fluvi.*, *Cyprinus buggenhagii*, *C. jesus*, *C. tinca*, *Gadus lota*, *Macrurus tetrahyrachus*, *Pleuronectes maximus*, *Salmo oxyrhynchus*.
- angustus* Kaiser, 1893b, 25, 121 (lapsus for *angustatus*).
- annularis* Rud., 1809a, 287 (for *annulatus* 1790) (so. nodulosus).—Baird, 1853a, 63 (so. proteus).—Dies., 1851a, 52 (so. p.).—Lühe, 1905b, 174 (error for *annulatus*, by Rud.).—Porta, 1905, 193 (so. p.).—Westrumb, 1821a, 37 (so. p.).
- annulatus* Gmel., 1790a, 3048 [not Molin] (in *Cottus brama*, *C. callarias*, *C. scorpius*; Müell., 138).—Bennet & Olivier, 1826a, 34.—Bosc, 1802a, 9.—Dies., 1861a, 748–749.—Fabr., 1794, 38–41, pl. 4 figs. 4–6 (*Echinorhynchus*) (in *Salmo trutta*).—Lühe, 1905b, 174 (s. *annularis*), 175 (= *laevis*), 237.—Rud., 1809a, 289.
- annulatus* Mol., 1858d, 143 (in *Gadus merlucius*; Padua); 1861c, 267–268, pl. 8 figs. 8, 9 (in G. m.; P.).—Linst., 1878a, 240 (in *Merlucius vulg.*).—Lühe, 1905b, 175 (renamed *bifasciatus*), 338.—Mont., 1887, 27; 1900c, 36, 37, 1905, 1 (so. *aurantiacus*), 3.—Par., 1902b (c), 17 (in *Thynnus thynnus*; Isola d'Elba).—Porta, 1904, 1, 3 (so. *aurantiacus*); 1905, 181 (so. *aur.*), 183; 1908, 237 (so. *Bolbosoma aurantiacum*).—Also reported for *Aulopus filamentosus*, *Conger vulg.*, *Exocoetus*, *Lepidopus caudatus*, *Merlucius escul.*
- antarcticus* Rennie, 1907a (b) 437–446, figs. 1–4, pls. 1–2 figs. 1–8 (in stom. of *Lep-tonychotes weddelli*; S. Orkneys); 1907c, 555 (in L. w.; S. O.); 1909, 37–43, figs. 1–4, pl. 1 fig. 1–8.
- anthuris* Duj., 1845a, 528, pl. 7 fig. D (in *Triton cristatus*, *T. punctatus*; Rennes).—Cobbold, 1858b, 163, pl. 33 figs. 54–62 (in *Lissotriton punctatus*; near Edinb.); 1879, 455, fig. 76.—Cobbold in McIntosh, 1864, 152.—Cond.-Franc., 1892, 229.—Dies., 1851a, 43 (in L. p., T. c.; Rennes); 1861a, 747.—Kaiser, 1893b, 118.—Linst., 1878a, 204 (in *T. taeniatus*).—Mol., 1858, 143; 1861c, 266 (in T. c., T. p.).—Porta, 1908, 225, 226–227, 233, pl. 9 figs. 1–2 (in *Emys lutaria*, T. c., T. t.).—Stoss., 1890, 54.—Also reported for *Cistudo europæa*.

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- appendiculatus* Westrumb, 1821a, 15 (s. *soricis* Rud., 1819a, 76) (in *Sorex araneus*; [Wien]).—Cobbold, 1879, 296.—Dies., 1851a, 31–32 (s. *sor.*) (in *Canis vulpes*, S. a.; Rennes).—Duj., 1845a, 500–501, pl. 7 fig. A (in S. a.).—Linst., 1878a, 16 (in *Crocodyra aranea*).—Lühe, 1905b, 175 (in S. a.), 302 (s. *sor.*).—Porta, 1908, 226, 270 (so. *Chentrosoma buteonis*).
- arcticus* Linst., 1901e, 280, figs. 18–20 (in *Gadus callarias*; Bering Isl.).—Porta, 1905, 174, fig. 27, a–c (in G. c.).
- arcuatus* Dies., 1851a, 47 (in *Macrodon trahira*; Brazil); 1861a, 749.—von Ihering, 1902a, 46 (in M. sp.).—Linst., 1878a, 261 (in M. t.); 1890d, 179.—Porta, 1905, 186–187, fig. 42 (in M. t.), 203.
- ardea* Bennet & Olivier, 1826a, 32 (for *ardæ*) (in *Ardea cinerea*).
- ardæ* Gmel., 1790a, 3046 (in *Ardea cinerea*; Goeze, 1782a, 152, pl. 11 figs. 6–7).—Bosc, 1802a, 7.—Brug., 1791a, 109, pl. 37 fig. 13, 14 (in A. c.).—Dies., 1851a, 45 (so. *striatus*).—Lühe, 1904f (1905b), 175 (st. renamed).—Marval, 1905a, 318, 321 (so. st.).—Nordm., 1840a, 643 (so. st.).—Rud., 1809a, 263 (so. st.).—Westrumb, 1821a, 30 (so. st.).
- ardæ-albæ* Rud., 1809a, 307–308 (*garzæ* renamed) (in *Ardea alba*; Redi, 155, vers. 229, pl. 21 fig. 9); 1819a, 78 (in A. a.).—Dies., 1851a, 56 (s. *garzæ*) (in A. a.).—Linst., 1878a, 141.—Lühe 1904f (1905b), 175–176 (*garzæ* and *gazæ* renamed), 177, 212, 214 (so. *Strigea* [*Holostomum*] *longicollis*), 215.—Marval, 1905a, 205, 216, 321, 360 (in *Herodias alba*).—Westrumb, 1821a, 41 (in A. a.).—Also reported for *Egretta alba*.
- ardæ-nigræ* Braun in Rud., 1809a, 426 (so. *Distoma ferox*) (in *Ardea nigra*; by Braun).—Dies., 1850a, 388 (so. D. f.).—Lühe, 1904f (1905b), 176.
- ardæ-purpureæ* Rud., 1819a, 78 (in *Ardea purpurea*; C. E. V.).—Dies., 1851a, 26 (so. *macrourus*).—Lühe, 1904f (1905b), 176, 249 (so. m.).—Marval, 1905a, 322 (so. *sphaeroc.*).—Westrumb, 1821a, 12 (so. m.).
- areolatus* Rud., 1819a, 69 (in *Motacilla atricapilla*; M. V.), 77, 319–320.—Blainv., 1828, 551.—Brems., 1824c, pl. 6 figs. 15–16.—Cond.-Franc., 1892, 229.—Dies., 1851a, 41 (in *Sylvia atricapilla*; M. C. V.).—Duj., 1845a, 513–514 (in *Cypselus apus*, *Emberiza ticutica*, *Hirundo rustica*, *Parus major*, S. a.; Wien, Brazil).—Fuhm., 1908, v. 10 (1), 23.—Linst., 1878a, 86 (in S. a.).—Lühe, 1904f (1905b), 176 (in S. a.; W.), 235, 236; 1905a (1905b), 259, 267.—Marval, 1905a, 204, 209, 210, 211, 229–234 (s. *sigmoideus*, *orioli*, *inscriptus*) (in *Merula carbonaria*, *Oriolus galbula*, *Ostinops decumanus*, S. a., *Turdus albicollis*, *T. fumigatus*, *T. humilis*, *T. albigaster*, *T. olivaceus*, *T. swainsoni*), 303, 308, 329, 332, 354, pl. 1 figs. 5, 6, 16, 20, 21.—Olss., 1893a, 35.—Westrumb, 1821a, 28 (in *Mot. at.*).
- argentinæ* Gmel., 1790a, 3049 (in *Argentina*; Redi, 87).—Dies., 1850a, 569 (so. *Tetrarhynchus elongatus*).—Lühe, 1904f (1905b), 176–179 (s. *sphyrænæ* = *Tetrar. el.*, *Tet. argentinæ*) (in *Arg. sphyræna*).—Rud., 1809a, 314, 323 (so. *Tet. elongatus*).
- argentinæ* Rud., 1819a, 80 (s. *sphyrænæ*) (in *Argentina sphyræna*; Redi, 160, vers. 237).—Dies., 1851a, 58 (s. sph.).—Linst., 1878a, 251 (in *Scopelus humboldtii*).—Lühe, 1905b, 179 (s. sph., arg.).—Porta, 1905, 197 (s. sph.) (in S. h.).—Westrumb, 1821a, 42 (in A. s.).
- * *astaci-fluviatilis* Dies., 1851a, 7 (so. *Gregarina miliaria*), quotes Sieb., 1835a, 64.—Nev.-Lem., 1912a, 846.—Porta, 1905, 184 (so. *miliarius*).
- atherinæ* Rud., 1819a, 80–81, 336 (in *Atherina hepsetus*; Nap.).—Dies., 1851a, 49 (so. *acanthosoma*).—Lühe, 1904f (1905b), 162, 179.—Porta, 1905a, 184 (so. *miliarius*).—Westrumb, 1821a, 30, 42 (so. ac.).
- attenuatus* Müell., 1779a, 89, pl. 37 figs. 1–3 (cf. *lævis*) (in *Pleuronectes limanda*; [Europe]); 1788a, 45, pl. 37 figs. 1–3 (in P. l.).—Baird, 1853a, 63 (so. *proteus*).—Bosc, 1802a, 9.—Dies., 1851a, 52 (so. p.).—Fabr., 1794, 38.—Gmel., 1790a, 3048.—Leuck., 1876a, 800.—Lühe, 1905b, 162, 179–180 (cf. l.), 181, 237, 271, 273, 298.—Porta, 1905a, 193 (so. p.).—Rud., 1793, 20–21 (in P. *flesus*); 1802, 59–61 (s. *longicollis*, *salvelini*, *pleuronectis*, *annulatus*, *piscinus*, *Tænia longicollis*) (in *Acerina cernua*, *Cottus scorpius*, *Lota lota*, *Zoarces viviparus*); 1809a, 284–285 (so. *tereticollis*).—Schränk, 1788, 26.—Westrumb, 1821a, 37 (=p.).—Zed., 1803a, 155–156 (in *Blennius viviparus*, C. s., *Gadus lota*, *Muræna anguilla*, *Perca cernua*, *Pleuronectes flesus*, *Salmo trutta*).
- attenuatus* Lint., 1890a (1891a), 529, pl. 3 figs. 23–30 (in *Acipenser brevirostris*; Woods Hole); 1901b, 409, 435 (in A. b.).—Porta, 1905a, 176, figs. 26a–c (in A. b., *Gadus æglefinus*).

ECHINORHYNCHUS—Continued.

- auraniacus* Mont., 1905e, 1-3. 1 fig. (misprint for *aurantiacus*) (in *Regalecus glesne*).
- aurantiacus* Risso, 1826a (b), 261 (dans l'intestin du vogmar d'Aristote; Alpes maritimes).—Dies., 1851a, 56 (in *Trachypterus falx*).—Linst., 1878a, 232 (in T. f.).—Mont., 1887, 26; 1900c, 36, 37; 1905e, 1-3, 1 fig. (s. *annulatus*, *pellucidus*) (of Mont. so. *rhytidodes*) (in *Regalecus glesne*, T. f., *Solea impar*; *Vogmarus aristotelis*; Gulf of Nap.); 1907, AN, v. 2 (3), 30-31.—Porta, 1904, 1 (s. ann.) (in *Conger vulg.*), 3 (s. pell., ann.) (in *Mustelus lævis*); 1905, 167 (of Mont. so. *rhyt.*), 181-183, figs. 33, a-e (s. pell., ann., *serrani*) (in *Aulopus filamentosus*, C. v., *Lepidopus caudatus*, *Merlucius vulg.*, *Mustelus lævis*, *Regalecus glesne*, *Ruvettus pretiosus*, *Serranus atrarius*, *Thynnus vulg.*, T. f.); 1906, 267.
- bacillaris* Zed., 1803a, 159 (*mergi* renamed) (in *Mergus minutus*; Bloch, 1782a, 27, pl. 7 figs. 9-11).—Dies., 1851a, 32 (s. *capite et collo armato*, *mergi*) (in M. *albellus*; by Bloch).—Duj., 1845a, 525 (in M. a., M. m.; by Bloch).—Linst., 1878a, 161 (in M. a.). 1901, 278.—Lühe, 1904f (1905b), 180 (*mergi* renamed); 1911a, 43.—Marotel, 1899, 302.—Marval, 1905a, 217, 219, 227, 228, 246 (so. *aluconis*).—Olfers, 1816, 51.—Rud., 1809a, 301-302 (s. *capite et collo armato*, *mergi*); 1819a, 67, 316, 593.—Westrumb, 1821a, 14-15.
- balæna* Gmel., 1790a, 3045 (in *Balæna* sp.; Phipps, 103, pl. 7 figs. 1A-C).—Blainv., 1828a, 551 (*balenæ*).—Bosc, 1802a, v. 2, 5.—Cat. RCSL., 1830, 44 (of Rud., 1809a, 304, so. *balanocephalus*).—Dies., 1851a, 53 (so. *porrigens*).—Lühe, 1905b, 180-181, 243, 284.—Rud., 1809a, 304 (cf. *Sipunculus lendix*), 306; 1814, 97-98; 1819a, 71 (so. po.).—Walter, 1805, 161.—Westrumb, 1821a, 28 (so. po.).—Zed., 1803a, 161.
- balanocephalus* Cat. RCSL, 1830, 44-45 (in *Balæna rostrata*; Hunterian Mus.).—Cobbold, 1866b, 13 (in *Balænoptera rostrata*; H. M.); 1879b, 427.—Porta, 1908, AdP, 4, 274 (so. *Bolbosoma turbinella*).
- balenæ* Bainv., 1819, 208-209; 1828a, 551 (for *balænæ*).
- barbi* Schrank, 1782a, 83-85 pl. 3 figs. D-H (in Barbe; by Schrank); 1788a, 25-26 (in Barben); 1803b, 217-218 (in den Gedärmen der Barbe).—Baird, 1853a, 64 (so. *proteus*).—Bennet & Olivier, 1826a, 34.—Bosc, 1802a, v. 2, 11.—Dies., 1851a, 51 (so. p.).—Gmel., 1790a, 3049.—Lühe, 1905b, 181, 237, 273, 313 (cf. *lævis*).—Rud., 1809a, 290, 314-315 (in *Cyprinus barbuis*); 1819a, 72 (so. *nodulosus*).—Westrumb, 1821a, 37 (=p.).—Zed., 1803a, 155 (so. *attenuatus*).
- bifasciatus* Lühe, 1904f (1905b), 175 (*annulatus* Mol., 1861, 267-268, pl. 8 figs. 8-9, in *Merluccius merluccius*, renamed); 1905a (1905b), 338.—Porta, 1908, 273 (so. *Bolbosoma aurantiacum*).
- bipennis* Kaiser, 1893b, 81, 82, 84, 120, 126, 127, 130, 131, pl. 9 fig. 51, pl. 10 fig. 10 (in *Thymallus*; Argentina).
- blennii* Rud., 1810a, 351, 376 (in *Blennius viviparus*) (so. *affinis*).—Lühe, 1904f (1905b), 182 (in *Zoarces viviparus*; by Rud.); 1905a (1905b), 271.
- borealis* Gmel., 1790a, 3045 (*Sipunculus lendix* Phipps, 1774a, renamed) (in *Anas mollissima*).—Bosc, 1802a, v. 2, 6.—Cat., RCSL., 1830, 45 (so. *filicollis*).—Dies., 1851a, 49 (so. *polymorphus*).—Lühe, 1904f (1905b), 182 (S. l. in *Eiderganz* renamed), 243; 1905a (1905b), 289 (cf. f.).—Marval, 1905a, 263, 264 (so. f.).—Rail., 1893, 570 (=f.).—Rathke, 1799, 71-72.—Rud., 1809a, 304-305 (so. *anatis-mollissimæ*).—Westrumb, 1821a, 33 (=p.).—Zed., 1803a, 161 (in A. m.).
- borealis* Linst., 1901e, 279-280, figs. 15-17 (in *Lota lota*; N. Dwina).—Lühe, 1905b, 338; 1911, 60, figs. 85-87 (in L. l.).—Porta, 1905, 176-177, figs. 30a-b (in L. l.).—Zsch., 1903, 132, 133.
- boschadis* Bosc, 1802a, v. 2, 6 (for *boschadis* Gmel.).—Lühe, 1904f (1905b), 182 (= *boschadis* Gmel. = *anatis* Schrank), 210 (=E. sp. Geze, 1782a, pl. 13 figs. 6-7).
- boschadis* Gmel., 1790a, 3045 [not Schrank, 1803, 216] (in *Anas dom.*; Geze, 1782a, 163, pl. 13 figs. 6-7.—Bennet & Olivier, 1826a, 31.—Dies., 1851a, 49 (so. *polymorphus*).—Lühe, 1905b, 182 (see *anatis* Schrank), 210 (s. Ech. sp., *boschadis*).—Marval, 1905a, 234, 235 (so. *anatis*), 265.—Nordm., 1840, 644 (so. *constrictus*).—Rud., 1809a, 296 (=const.).—Westrumb, 1821a, 33 (so. p.).
- boschadis* Schrank, 1788a, 27 [not Gmel., 1790] (in *Wildeenten*; Geze, 1782a, 164-165, pl. 13 figs. 1-2); 1803, 216 (in *Oidemia fusca*).—Baird, 1853a, 62 (= *polymorphus* Jassoy).—Lühe, 1905b, 171 (so. *anatis* Gmel. nec Schr. = *minutus*),

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boschadis—continued.

182 (in O. f.; Gœze, 1782a, 164–165, pl. 13 figs. 1–2), 281.—Rail., 1893, 569 (=p. pars).—Rud., 1809a, 295 (so. m.).—Westrumb, 1821a, 33 (so. p.).

boschatis Frœl., 1802a, 66–67 (for *boschadis* Schrank) (in Wildente; Gœze, 1782a, 164, pl. 13 figs. 1–2).—Lühe, 1904f (1905b), 172, 182–183 (cf. *boschadis*, *anatis*, *versicolor*, etc.), 210.—Olfers, 1816, 51.—Rud., 1819a, 330 (so. vers.).

bramæ Gmel., 1790a, 3050 (in *bramæ* [Abramis brama] *intestinis*; Gœze, 1782a, 163).—Baird, 1853a, 64 (so. *proteus*).—Bennet & Olivier, 1826a, 34.—Dies., 1851a, 57 (so. p.).—Lühe, 1904f (1905b), 183–184, 182, 237; 1905a (1905b), 313 (cf. *lævis*).—Rud., 1809a, 290, 317; 1819a, 72 (so. *nodulosus*).—Westrumb, 1821a, 38 (so. p.).—Zed., 1803a, 163 (in *Cyprinus brama*).

[*brevicollis* Rud., 1809a, 269 (in *Perca cernua*; by Müell.). Apparently not as specific name.]

brevicollis Malm, 1867, 95 [nv.] (in *Balænoptera sibbaldii*).—Ben., 1870, 357.—Bergstroem, 1892a (1895), 1–60, figs. 1–54.—Cobbold, 1879b, 428 (in B. s.; Sweden).—Hamilton, 1915, 141 (in B. s., *Physeter macrocephalus*).—Jägers., 1891a, 131, 132.—Kaiser, 1893a, 37; 1893b, 27.—Linst., 1878a, 61 (in B. s.); 1901a, 278.—Lühe, 1905a (b), 283, 338, 340 (cf. *porrigens*).—Mont., 1887, 19.—Porta, 1906, 235, 244, 245, 247, 260, 262, 267 (in B. s.), 268, 269; 1908, 4.—Scharff, 1913, 147.—Shipley, 1899, 262, 263, 264, 265, 267, fig. 3; 1900, 208.

brumpti Blanc & Cauchemez, 1911, CrSB, v. 71, 120, 1 fig. (*Erinaceus europæus*; by Brumpt).

bufonis Shipley, 19031, 150–151, 156, pl. 16 figs. 1–2, 4 (in *Bufo melanostictus*, B. ? *penangensis*; Siam).—Porta, 1908, 225, 227, pl. 9 figs. 3–4 (in B. m., B. p.); 1911, 377 (in B. m.).

bullosus Linst., 1892h (i), 69 (11), pl. 3 figs. 36–38 (in *Cystophora proboscidea*; Süd-Georgien).—Lühe, 1905b, 231, 338 (so. *Corynosoma strumosum*).

buteonis Schrank, 1788a, 23 (in Busshart, Kybitz; Gœze, 1782a, 154–155, pl. 12 figs. 1, 2a) (in *Buteo buteo*).—Bennet & Olivier, 1826a, 30 (in *Falco buteo*).—Bosc, 1802a, 5.—Cond.-Franc., 1893, 79, 80.—Dies., 1851a, 31 (so. *caudatus*).—Frœl., 1802, 63–64.—Fuhrm., 1908, v. 10 (1), 22, 23 (so. *tumidulus*).—Lühe, 1904f (1905b), 152, 154, 163, 168, 184–186 (cf. c.), 218, 221 (of Marval, cf. *acanthothrias*, *tenuicaudatus*), 226, 232; 1905a(b), 322, 324, 343; 1911a, 41, 42.—Marval, 1905a, 204, 205, 206, 207, 208, 210, 213, 214, 226, 240–249 (s. c., *polycanthus*, *tum.*, *ten.*, *ac.*) (in *Accipiter cyrocephalus*, A. *nisus*, *Aquila nevia*, A. sp., *Asturina nitida*, *Asio otus*, *Astur palumbarius*, *Buteo albicaudatus*, *Buteo vulg.*, *Cerchneis tinnunculus*, *Circus æruginosus*, C. *cinereus*, *Circaetus gallicus*, *Coccyzus melanocoryphus*, *Crotaphaga ani*, C. *major*, *Cuculus canorus*, *Elamys cœruleus*, *Elasmus furcatus*, *Eudocimus ruber*, *Eudromias morinellus*, *Falco æsalon*, *Geranospiza cœrulescens*, *Guira guira*, *Haliaetus albicilla*, *Harpagus bidentatus*, *Herpetotheres cachinnans*, *Heterospizias meridionalis*, *Hypotriorchis femoralis*, *Ibis æthiopica*, *Leptodon cayennensis*, *Leucopternis albicollis*, *Milvus icinus*, M. *migrans*, M. *regalis*, *Milvago chimachima*, *Morphnus urubutinga*, *Nizetus pennatus*, *Polyborus brasiliensis*, *Rupornis magnirostris*, *Scops atricapilla*, *Spizaetus coronatus*, *Syrnium nebulosum*, *Tinnunculus alaudarius*, T. *cinnamomeus*, T. *sparverius*, *Turacus buffoni*, *Upupa epops*), 298, 362, pl. 1 figs. 7–10, 17, 22, 23.—Rud., 1809a, 274 (so. c.).—Westrumb, 1821a, 22 (so. c.).

callariæ Brug., 1791a, 109, pl. 37 figs. 15–17 (in *Gadi callariæ intest.*).

campanulatus Dies., 1851a, 21–22 (s. *pardalis*) (in *Felis concolor*, F. *melivora*, F. *onca*, F. *pardalis*, F. *tigrina*; Brazil); 1861a, 741.—Cobbold, 1879, 309.—von Ihering, 1902a, 45 (in F. sp.).—Linst., 1878a, 31 (in F. c.); 1902, 229, figs. 24–26 (in F. o.).—Lühe, 1905b, 269, 338 (cf. *pardalis*).—Lutz, 1893a, 128 (in *Wanderratte*; Hawaii) [in reprint camp. is deleted and moniliformis inserted with pen].—Porta, 1908, 269 (so. p.).—Shipley, 1900, 441.—Also reported for *Felis mitis*.

campbelli Leiper & Atkinson, 1914, PZSL, 223 (in *Trematomus bernacchii*); 1915, BAE, 31–32, pl. 2 fig. 13 (in T. b.).

campylurns Marval, 1905a, 205 (for *campylurus*).

campylurus Nitzsch in Giebel, 1857a, 268 (in *intest. Lestris catarrhacta*; Germany).—Linst., 1878a, 165 (in L. c.).—Lühe, 1911a, 53–55, figs. 72–73 (in *Stercorarius skua*).—Marval, 1905a, 205 (*campylurns*), 216, 360.—Mont., 1915, v. 7, 112–128, 1 pl.

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- candidus* [Zœga in] Müell., 1776a, 214 (Echinorhynchus); 1779a, 92-95, pl. 37 figs. 7-9 (in *Perca cernua*, also in *Cyprinus idbarus*, *Gadus barbatus*, *G. callarias*, *G. merlangus*, *Lophius piscatorius*); 1784a, 107; 1788a, 46-48 (in *P. c.*, also in *G. b.*, *G. m.*, *G. c.*, *L. p.*).—Baird, 1853a, 64 (so. *proteus*).—Bennet & Olivier, 1826a, 33-34 (in *G. æglefinus*, *G. b.*, *G. mer.*, *G. molvæ*, *L. p.*).—Bosc, 1802a, 8.—Crep., 1844a, 130.—Dies., 1851a, 40 (so. *acus*), 51 (so. *p.*).—Fabr., 1799a, 150 (cf. *gadi-virentis*).—Froel., 1802a, 73-74 (s. *percæ*) (in *P. fluv.*).—Gœze, 1782a, 156.—Herbst, 1787a, 42.—Kaiser, 1893b, 70, 116.—Lühe, 1905b, 186-187 (cf. *lucii*), 188 (cf. *cernuæ*, *candidus*, *lophii*), 212 (cf. *gadi*), 232, 233 (cf. *idbari*), 237, 271 (cf. *lævis*, *cer.*, *l.*).—Porta, 1905a, 171 (s. *acus*), 193 (so. *p.*).—Rud., 1809a, 266 (so. *angustatus*), 267, 278 (of Müell. so. *acus*), 316 (of Müell. so. *idbari*), 318 (of Müell. so. *lophii*).—Schränk, 1803, 220.—Stiles & Hass., 1905b, 103.—Westrumb, 1821a, 24 (so. *acus*), 26 (so. *ang.*), 38 (so. *p.*).
- canis* Kaupp, 1909, v. 35 (2), 154-155, figs. 1-3 (in dog; Texas).—Parker, 1909, v. 35 (6), 702-704, 6 figs. (in dog, ?coyote; San Antonio).—Hut. & Mar., 1913b, v. 2, 518.
- canis* n. sp. Porta, 1914, ZA, 484-485, (in *Canis* fam.; Gand). (Cf. *belgicus*).
- capitatus* Linst., 1880a, 49-50, pl. 3 fig. 16 (in *Pseudorca crassidens*; Ing.); 1889a, 26 (in *P. c.*).—Hamilton, 1915, 141 (in *Physeter macrocephalus*).—Par., 1893, No. 19, 644.—Porta, 1906a, 235-271, figs. 1-63 (in *Globicephalus svineval*, *P. c.*); 1906b, 444.—Shipley, 1899, 265, 266, 267-268, 269, fig. 5.—Stiles & Hass., 1894e, 352 (in *G. s.*); 1899, 102.—Wehrmann, 1909a, 211.
- capite et collo armato* Bloch, 1782a, 27-28, pl. 7 figs. 9-11 (in dem Darmkanal des kleinsten Tauchers; by Bloch; also in Hecht and in most species of fishes).—Dies., 1851a, 32 (so. *bacillaris*).—Herbst, 1787a, 42 (Echinorhynchus).—Rud., 1809a, 301 (so. *b.*).
- capræ* Braun in Rud., 1809a, 447, 449 (so. *Polyst. denticulatum*) (see *Linguatula rhinaria*).—Anacker, 1890m, 506.—R. Bl., 1886, 264.—Dies., 1850a, 614, 615 (so. *P. d.*)—Lühe, 1905b, 187.
- carassii* Rud., 1809a, 317 (in *Cyprinus carassius*; by Braun); 1819a, 81 (Cat. Wien).—Lühe, 1904f (1905b), 187-188 (in *Carassius carassius*) (so. *rutili* Müell., nec Zed.).
- carchariæ* Lint., 1891a, 536-537, figs. 81-84 (in *Carcharias littoralis*; Woods Hole); 1901b, 409, 428, 490 (in *C. l.*; W.H.).—Porta, 1905, 200 (in *C. l.*).
- carpionis* Gmel., 1790a, 3050 (in *Cyprinus carpio*; based on *Acanthoc. Kœlreuter*, 1771, 499-500).—Baird, 1853a, 65 (so. *clavæceps*).—Bosc, 1802a, 11.—Lühe, 1905b, 188 (—*anguillæ*, *globulosus*, *Acanthoc. sp.*) (cf. *rutili*).—Olfers, 1816, 50.—Rud., 1809a, 315 (so. *cyprini-rutili*); 1819a, 65 (so. *cl.*).—Westrumb, 1821a, 6 (so. *cl.*).—Zed., 1803a, 163.
- carrucioi* Cond.-Franc., 1897a, 4, 6, 9-11, figs. 2-11 (in *Dendrocopus major*; Prov. Roma, Italy).—Lühe, 1905b, 254, 338 (cf. *micracanthus*).—Marval, 1905a, 300, 301, 303, 304 (so. *m.*).
- caudatus* Zed., 1803a, 153 (*buteonis* Schränk renamed) (in *Flaco buteo*; Ing., Gœze, 1782a, 154, pl. 12 figs. 1-2).—Cond.-Franc., 1892, 225; 1893, 79-80.—Dies., 1851a, 30-31 (s. *b.*, *polyacanthus*) (in *F. albicollis*, *F. ater*, *F. bidentatus*, *F. brasiliensis*, *F. b.*, *F. cayennensis*, *F. cacinans*, *F. degener*, *F. femoralis*, *F. gallicus*, *F. gracilis*, *F. magnirostris*, *F. melanops*, *F. milvus*, *F. pennatus*, *F. pterocles*, *F. rutilans*, *F. striatus*, *F. urubutinga*; *M. C. V.*).—Duj., 1845a, 505-506.—Fuhm., 1908, v. 10 (1), 22, 23 (in *Accipiter Polyborus*).—von Ihering, 1902a, 46, 47 (in *Accip. sp.*, *p. sp.*).—Leidy, 1887, 22.—Lepri, 1898, 53, 54.—Linst., 1878a, 109 (in *Circus rufus*).—Lühe, 1904f (1905b), 152, 154, 167, 168, 185, 188 (*buteonis* renamed), 218, 226, 238; 1905a (b) 322.—Marval, 1905a, 226, 240, 241, 242, 244, 245, 246 (so. *buteonis*).—Mehl., 1831, 170.—Müll., 1904a, 121.—Olfers, 1816, 50.—Rud., 1809a, 274-275 (so. *but.*), 308; 1814a, 96; 1819a, 70, 76, 323, 667 (in *F. b.*, *F. cineraceus*, *F. cyaneus*, *F. lagopus*, *F. milvus*, *F. naevius*, *F. pennatus*, *F. rufus*, *F. tinnunculus*; *C. E. V.*).—Stoss., 1892, 67; 1895, 38-39; 1896, 136; 1898, 134-135.—Stiles & Hass., 1894e, 352 (in *Strix nebulosa*).—Van Cleave, 1916, 222 (of Leidy, in *Elanoides forficatus*).—Volz, 1900, 148.—Westrumb, 1821a, 22-23, 48, 51, 52, 54, 55, 56, 63, 68-69, pl. 1 fig. 5, pl. 3 figs. 1-3 (in *F. b.*, *F. c.*, *F. cy.*, *F. l.*, *F. m.*, *F. n.*, *F. p.*, *F. r.*, *F. t.*).—Wolfh., 1900, 10, 11, 14.—Also reported for *Aquila pennata*, *Buteo vulg.*, *Carine noctua*, *Cerchneis tinnunculus*, *Circaetus gallicus*).

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- caudatus* of Brems., 1824a, 131 (dans les faucons); 1824c, pl. 6 figs. 17-20.—Dies., 1851a, 30 (so. globocaudatus).—Marval, 1905a, 218, 219, 226 (so. aluconis).
- caudatus* of Westrumb, 1821a, 22 pars.—Dies., 1851a, 30 (so. tumidulus) (in *Crotophaga ani*, *C. major*, *Cuculus melacoryphus*).
- centropi* Porta, 1910, v. 35 (22), 699-700, figs. 1a-c (in intest. *Centropus senegalensis*; Guinea Port.).—Connal, 1912, 236-237, figs. 1, m, n (in *C. s.*; Lagos).
- cernua* Gmel., 1790a, 3048 (in *Perca cernua*; by Zoega, see *candidus* Müell.).—Bosc, 1802a, 9.—Lühe, 1905b, 187, 188-189 (not Rud., Westr., Dies.), 212, 270, 271 (cf. *cand.*).—Rud., 1809a, 270 (sub *affinis*).
- cestodicola* Linst., 1903u (1904a), 278 (14), figs. 11-14 (in *Sebastes norvegicus*; Murman Coast).—Porta, 1905, 165-166, figs. 14 a & b (in *S. n.*).
- cestodiformis* Linst., 1904m, 380-381, figs. 3-4 (in *Erinaceus albiventris*; Nigeria, W. Africa); 1908, 28 (in *Er. frontalis*; Africa).
- charadrii-pluvialis* Rud., 1819a, 78 (in *Charadrius pluvialis*; C. E. V.).—Dies., 1851a, 23 (so. *macracanthus*).—Lühe, 1904f (1905b), 189-190, 239 (so. m.).—Marval, 1905a, 337, 339, 346 (so. *Gigantor. compressus*).
- chierchiae* Mont., 1889d, 69, 70 (3, 4) (in Teleostean; Toboga, Gulf of Panama).—Porta, 1904, 1-2, figs. 1-3 (in T.; T., G. of P.); 1905a, 169, figs. 10 a-g (in "Pesci teleosteo").
- cinctulus* Porta, 1905a, 161, 203, figs. 4 a-c (in *Lucioperca volgensis*, *Silurus glanis*; Volga).—Lühe, 1911a, 10, 59, fig. 80-81 (in L. v., S. g.).
- cinctus* Rud., 1819a, 66-67, 314-316 (in *Coluber atrovirens*, *Vipera redii*; Rimini; Berl.).—Blainv., 1828, 551.—Brems., 1824c, 130, pl. 4 figs. 7-8.—Crep., 1839, 284.—Dies., 1851a, 26 (in *Hierophis viridiflavus*. V. r.; M. C. V.).—Duj., 1845a, 526.—Linst., 1878a, 183 (in V. r.).—Lühe, 1905b, 170, 189-190.—Shipley, 1903l, 149 (in snakes).—Westrumb, 1821a, 13-14.—Also reported for *Zamenis viridiflavus*.
- circumflexus* Mol., 1858d, 142 (in *Talpa europea*; Padua); 1861c, 262-263, 300 (in T. e.; P.).—Dies., 1859e, 745.—Galli-Val., 1901c, 358 (in T. e.).—Linst., 1878a, 18 (in T. e.).
- citilli* Rud., 1819a, 76 (in *Arctomys citillus*; C. E. V.).—Dies., 1851a, 22 (so. *napæformis*).—Lühe, 1904f (1905b), 190 (so. *kerkoideus*) (in *Spermophilus citillus*; Wien).—Westrumb, 1821a, 8 (renamed *kerkoideus*).
- claviceps* Zed., 1800a, 130-131 (in dem Schmerl; by Zed.); 1803a, 155 (in *Cyprinus barbus*, *Cobitis barbatula*).—Baird, 1853a, 65 (s. *cobitidis-barbatulæ*, *cobitidis*, *cobitinus*, *claviceps*, *carpinis*, *rutili*, *cyprini-rutili*, *Acanthoc.*) (in *Perca fluvi.*)—Bennet & Olivier, 1826a, 36-37 (in *Cob. b.*, *C. tænia*, *Cyp. alburnus*, *C. tinca*, *C. rutilus*).—Cobbold, 1879, 477.—Dies., 1851a, 25 (s. *cob.-barb.*, *rut.*, *cobitinus*, *Acanthoc.*).—Duj., 1845a, 537 (in *Gasterosteus lævis*; Rennes).—Hofer, 1904a, 234 (larva in *Sialis lutaria*), 235 (in *Abramis brama*, *Alburnus lucidus*, *Barbus fluvi.*, *Carassius vulg.*, *Chondrost. nasus*, *Cob. barb.*, *C. tænia*, *Cyprinus carpio*, *Gobio fluvi.*, *Leuciscus rutilus*, *L. vulg.*, *P. f.*, *Salmo hucho*, *Scardinius erythrophth.*, *Tinca vulg.*, *Trutta fario*).—Jääskeläinen, 1911, 34, 219.—Kaiser, 1893a, 33, 41, 89, 107, 118, 121; 1893b, 5, 27, 41, 42, 48, 78, 92, 104, 118, 134, 135, 146, 147.—Krøyer, 1838-40a, 616; 1846-53a, 333 (*claviceps*), 349, 367, 387, 434, 446, 499, 537, 552, 573; 1852-53a, 1222 (in A. b., *Aspius alburnus*, B. fluvi., *Botia tænia*, C. vulg., *Cob. bar.*, G. fluvi., *Leuciscus erythrophth.*, L. r., *Phoxinus aphyia*, *Salmo fario*, *Tinca vulg.*).—Lam., 1816, 199.—Lespés, 1864b, 683.—Levander, 1906 (1904-1905), v. 30, 66-67.—Linst. 1878a, 251 (in *Cyp. carpio*); 1889a, 89 (in C. c.); 1908, 3, pl. 1 figs. 1-4 (larva in *Sialis niger*; in *Schizothorax pseudo-aksaiensis issykkuli*, *Squalius schmidtii*).—Lühe, 1905b, 164, 190-191, 192, 270, 295, 343 (*cobitinus* renamed, cf. *rut.*, *Neor.*).—Marval, 1905a, 198.—Mont., 1887, 24; 1893, 164, 166.—Mueh., 1893, 54, 112.—Nordm., 1840, 642-643 (s. *cob.-barb.*, *cobitidis*).—Olfers, 1816, 50.—Olss., 1893a, 32-33, 37 (in *Leuciscus phoxinus*, S. *trutta*).—Porta, 1905, 156-157, figs. 1 a-c (s. *cob.*, *barb.*, *cobitinus*, *carp.*, *rut.*, *tuberosus*, *agilis*, *Acanthoc.*) (in *Ab. br.*, *Alb. luc.*, *Anguilla vulg.*, *Barbus fluvi.*, *Belone acus*, *Carassius auratus*, C. vulg., *Carcharias obscurus*, *Catostomus ardens*, *Chondrost. nasus*, *Cob. barb.*, C. *tænia*, *Cyprinus carpio*, *Esox lucius*, *Gasterosteus aculeatus*, G. *pungitius*, *Gob. fluvi.*, *Leuciscus atrarius*, L. *cavedanus*, L. *rut.*, *Lota vulg.*, P. fluvi., *Phoxinus lævis*, *Rhombus maximus*, *Roccus americanus*, S. *hucho*, S. *eryth.*, *Squalius leuciscus*, *Tinca vulg.*, Tr. f.), 158, 164, 202; 1906, 262; 1908, 226 (so. *Neor. rutili*).—Rollest., 1888a, 689, 690, 691.—Rud., 1809a,

ECHINORHYNCHUS—Continued.

clavæceps—continued.

258–259 (s. cobitidis, cob.-barb., cobitinus) (in Cob. barb., Cyprinus barbus); 1819a, 65 (in Cob. barb., C. t., Cypr. alburnus, auratus, barb., brama, carpio, erythrophth., gobio, nasus, phoxinus, rut., tinca, Salmo hucho).—Verrill, 1870, 167.—Villot, 1884c, 52–58; 1885a, 19–22.—Westrumb, 1821a, 6, 60.—Zsch., 1884, 6, 11, 63 (in L. r.); 1896, 774, 775, 776, 780, 784, 818, 820, 821, 823, 824 (in Ch. n., S. s., T. f.); 1903, 132, 133, 134.

clavæceps Rud., 1809a, 258 (for *clavæceps*).

clavata Krøyer., 1838–40a, 603 [cf. E. *clavula* Duj.?, 616 (*clavatus*) (in *Gobius niger*, *Salmo fario*).

claviceps Rud., 1819a, 800 (for *clavæceps*).—Baird, 1853.—Leuck., 1876a, 739, 755, 801, 802, 804, 819.—Lühe, 1904f (1905b), 190, 191–192.—Oles., 1876a, 147.—Also reported for *Cyprinus auratus*, C. brama, C. carpio, C. erythrophth., C. nasus, C. phoxinus, C. rutilus, C. tinca, C. alburnus, *Cobitis tænia*, *Perca fluviatilis*, *Rana escul.*, *Salmo fario*.

clavula Duj., 1845a, 532 (in *Cyprinus brama*, ? *Gobius niger*, *Lepidogaster gouani*, ? *Salmo fario*; Rennes).—Cobbold, 1879, 477.—Dies., 1851a, 44 (in G. n., L. g., S. f.; R.).—Fiebiger, 1912, 307.—Hofer, 1904a, 234, 235 (in *Thymallus vulg.*, *Trutta fario*).—Kaiser, 1893b, 3.—Krøyer., 1846–53a, 387 (in *Abramis brama*).—Linst., 1878a, 228 (in G. n.); 1895c, 145–158, figs. 1–19 (anat.).—Lühe, 1905b, 319, 338; 1911a, 21, 24, 25, 60, figs. 27–28 (in *Anguilla anguilla*, *Abramis brama*, *Cyprinus carpio*, *Esox lucius*, *Lotta lota*, *Perca fluvi.*, *Pleuronectes flesus*, *Salmo fario*; Europe).—Porta, 1905, 175, 177–178 (in *Anguilla vulg.*, G. n., Lep. g., T. f.); 1906, 240, 242, 244, 245, 246, 260, 264.—Schneid., 1903, 6, 27–29 (in A. v., *Cottus gobio*, C. bubalis, *Gadus morrhua*, *Perca fluvi.*, P. flesus).—Shipley, 1896, 183; 1900, 439.

clavula Duj. of Hamann [nec Duj.], 1891a, 98–99 (in *Salmo fario*; by Hamann).—Linst., 1895c, 145–157, figs. 1–19 (in *Thymallus vulg.*, *Trutta fario*; Ilmenau and Nethe).—See Lühe, 1905b, 319 (in *Thymallus thymallus*, S. f.), 338.

cobitides Bennet & Olivier, 1826a, 36 (for *cobitidis*).

cobitidis Gmel., 1790a, 3048 (in *Cobitis barbatula*; Goeze, 1782a, 158, pl. 12 figs. 7–9).—Bosc, 1802a, 9.—Lühe, 1905b, 192 (s. *cobitinus*) (cf. *rutili*).—Nordm., 1840, 643 (so. *claviceps*).—Olfers, 1816a, 50.—Porta, 1905, 156 (so. cl.).—Rud., 1809a, 258 (so. cl.).

cobitidis-barbatulæ Rud., 1809a, 258 (based on Goeze, 1782a, 158, pl. 12 figs. 7–9) (so. *clavæceps*).—Baird, 1853a, 65 (so. cl.).—Dies., 1851a, 25 (so. cl.).—Nordm., 1840, 643 (so. cl.).—Porta, 1905, 156 (so. cl.).—Westrumb, 1821a, 6 (=cl.).

cobitidis-barbulæ Dies., 1851a, 25 (for c.-barbatulæ).

cobitinus Schrank, 1788a, 24–25 (in den Schmerlen; Goeze, 1782a, 158, pl. 2 figs. 7–9).—Dies., 1851a, 25 (so. *clavæceps*).—Lühe, 1904f (1905b), 191, 192 (=cobitidis).—Rud., 1809a, 258 (so. cl.).—Westrumb, 1821a, 6 (=cl.).

collaris Schrank, 1790a, 124 (in *Fulica fuliginosa*; Schrank); 1792a, 117; 1803, 216–217.—Dies., 1851a, 50 (so. polymorphus).—Jassay, 1820a, 22–24 (in *Anas fuliginosa*).—Lühe, 1905b, 192–193, 210, 281, 326.—Marval, 1905a, 234, 236 (so. *anatis* Goeze), 265.—Olfers, 1816a, 51.—Rail., 1893, 569 (=p.).—Rud., 1809a, 298–299 (in F. f.); 1819a, 74 (so. *versicolor*).—Westrumb, 1821a, 33 (so. p.).—Zed., 1803a, 159 (in F. f.).

collurionis Rud., 1819a, 76 (in *Lanius collurio*; C. E. V.).—Dies., 1851a, 37 (so. contortus).—Lühe, 1904f (1905b), 193, 195 (so. cont.).—Marval, 1905a, 260, 261 (so. cont.).—Westrumb, 1821a, 25 (=cont.).

compressus Rud., 1802a, 48–49 (in *Corvus monedula*; by Rud.); 1809a, 253, 255–257 (in C. m.); 1819a, 64 (in C. m.; Greifsw.).—Dies., 1851a, 23 (s. *cornicis*) (in C. m., C. cornix; M. C. V.).—Duj., 1845a, 514–515 (in C. m., C. c.; G.).—Fuhrm., 1908, v. 10 (1), 23 (s. *lagenæformis*).—Linst., 1878a, 99 (in C. c.).—Lühe, 1905b, 193–194, 196, 239, 249, 293.—Marval, 1905a, 198, 337, 339, 344, 345, 346, 347 (to *Gigantor*).—Olfers, 1816a, 50.—Westrumb, 1821a, 6–7, 64, pl. 3 fig. 28.—Zed., 1803a, 150.—Also reported for *Corvus glandarius*.

conicus Zed., 1803a, 159–160 (*quadrirostris* renamed) (in *Salmo salar*).—Braun, 1900a, 1727.—Dies., 1850a, 576 (so. *Stenob. appendiculatum*).—Lühe, 1905b, 194, 289 (cf. quad., *Tentacularia coryphænæ*).—Rud., 1809a, 319 (so. *Tetrar. appendiculatus*).—Vaull., 1899, 62.

ECHINORHYNCHUS—Continued.

- constrictor* Olfers, 1816a, 51 (for *constrictus*).
constrictus Zed., 1800a, 139–140 (s. *anatis* Schrank) (in *Anas dom.*, *Fulica fusca*; Gœze); 1803a, 158 (in *A. d.*, *F. f.*).—Baird, 1853a, 62 (so. *polymorphus*).—Dies., 1851a, 50 (so. p.).—Jassoy, 1820a, 21–22 (in *A. boschas dom.*, *A. anser*, *F. f.*).—Lam., 1816, v. 3, 200, 644.—Lühe, 1905b, 171, 194–195, 210, 276, 326 (cf. *filicollis*, an. Schrank nec Gmel.).—Marval, 1905a, 234, 236 (so. an. Gœze), 265.—Nordm., 1840, 644 (s. an. *boschadis dom.*, *boschadis*, *versicolor*).—Risso, 1826, 261.—Rud., 1809a, 296–298 (s. an. *b. dom.*, *b.*, an. Schrank, *vesiculosus*) (in *A. anser*, *A. b. dom.*, *F. f.*); 1819a, 74 (so. v.).—Westrumb, 1821a, 33 (so. p.).
constrictus Nitzsch in Gieb., 1857a, 268 (in *intest. Anas fuligula*; [Germany]).
contortus Brems. in Westrumb, 1821a, 25–26 (not Mol., 1861, 266) (s. *collurionis* 1819) (in *Lanius collurio*; [Wien]).—Dies., 1851a, 37 (s. coll.) (in *L. c.*; *M. C. V.*).—Duj., 1845a, 509 (in *L. c.*; *Mus. Wien*).—Linst., 1878a, 94 (in *L. c.*)—Lühe, 1904f (1905b), 193, 195–196 (s. coll.).—Marval, 1905a, 204, 211, 260–263, pl. 1 figs. 26–28 (s. coll.) (in *L. c.*).
contortus Mol., 1858 (1859e), 294–295 (in *Strix flammea*; Padua); 1861c, 266, pl. 8 fig. 6 (in *S. f.*; *P.*).—Dies., 1861a, 744.—Linst., 1878a, 106 (in *S. f.*).—Lühe, 1905b, 169, 195, 338.—Marval, 1905a, 217, 219, 223, 224 (so. *aluconis*).
coraciae Rud., 1819a, 77 (in *Coracias garrula*; *C. E. V.*).—[Brems., 1811a, 26.]—Dies., 1851a, 24 (so. *ricinoides*).—Lühe, 1904f, (1905b), 196, 240; 1905a (b) 293.—Marval, 1905a, 337, 339, 347 (so. *Gigantor. compressus*).—Westrumb, 1821a, 7 (renamed *ricinoides*).
cornicis Rud., 1819a, 76 (in *Corvus cornix*; *C. E. V.*).—Dies., 1851a, 23 (so. *compressus*).—Lühe, 1905b, 196, 239 (in *C. c.*; *Wien*).—Marval, 1905a, 337, 339, 344 (so. *Gigantor. compressus*).—Westrumb, 1821a, 6 (so. *comp.*).
corrugatus Sars, 1885a, 221–222, pl. 38 figs. 15–18 (in *Euphausia pellucida*; by Sars).—Linst., 1888, 17; 1889a, 113 (in *E. p.*).—Mont., 1887, 23; 1900c, 37; 1905, 1, 2 (in *E. p.*, *Solea impar*).—Porta, 1905, 167 (so. *rhytidotes*), 172.
coryphænae Rud., 1809a, 320 (in *Coryphæna hippuris*; by Bosc) (so. *Tetrar. papillosus*).—Dies., 1850a, 575 (so. *Stenob. macrob.*).—Lühe, 1905b, 196, 226 (s. *hippuris*).
crassicornis Villot, 1875, 472, pl. 13 figs. 9–10 (in *Calidris arenaria*; Brittany).—Linst., 1878a, 129; 1889a, 49 (in *C. a.*).—Lühe, 1905b, 234, 338, 339 (cf. *inflatus* Crep. nec Rud.).—Marval, 1905a, 286, 289, 290 (so. *inf. Crep.*).—Par., 1887, 366–367, pl. 7 fig. 56.
croaticus Stoss., 1890g (h), 131 (3), pl. 4 fig. 4 (in *Syrnium uralense*; Bedekovcina Croazia).—Lühe, 1905b, 339 (cf. *globocaudatus*); 1911a, 41.—Marotel, 1899 302.—Marval, 1905a, 218, 219, 228, 229, 246 (so. *aluconis*).
crotali (Blainv., 1828) Nordm., 1840a, 645 (to *Poroccephalus*) (in *Crotalus durissus*; America, Humboldt, 1808a, 162.).—Cast. & Chalm., 1913a, 623.—Dies., 1850a, 612 (so. *Pentast. proboscideum*).—Leidy, 1852, 97 (= *P. p.*).
cuniculi Dies., 1851a, 54 (in *Lepus cuniculus*; Ireland, Bellingh., 1844a, 260).—Geddelst, 1911a, 136 (in rabbit; I.).—Linst., 1878 a, 28 (in *L. c. dom.*).—Nev.-Lem., 1912a, 845.—Porta, 1908, 280 (in *L. c. d.*; I.).—Rail., 1893, 571 (s. *E. sp.* Bellingh., 1844).—Sl. & Sw., 1912a, 415.
curvatus Linst., 1897i, 34, pl. 5 fig. 24 (in *Plestiodon aldrovandi*; Coll. Königsb. Mus.).—Porta, 1908, 247, pl. 9 figs. 19 a–c (in *P. a.*).
cyathiformis Rud., 1809a, 287 (barbi Schrank renamed) (in *Cyprinus barbus*; by Schrank).
cylindraceus Gœze, 1782a, 150–151, pl. 11 figs. 1–5).—Schrank, 1788a, 22 (in *Spechte*).—Dies., 1851a, 42 (s. *pici*) (in *Picus major*, *P. viridis*, *Turdus merula*; *M. C. V.*).—Duj., 1845a, 516 (in *P. erythro.*, *Pm.*, *Pv.*, *T. m.*; *Mus. Wien*).—Elmhirst, 1912, 89 (in *Sturnus vulg.*, *T. m.*; Scotland).—Kostylew, 1914, 186.—Linst., 1878a, 74; 1889a, 31 (in *Dendrocopus major*).—Lühe, 1904f (1905b), 196–199, 205–206; 1905a, (b), 255, 316 (s. p.).—Marval, 1905a, 204, 208, 209, 210, 211, 215, 249 (s. *cylindraceus*, p., *fasciatus*, *motacillæ-atricapillæ*, *sylviarum*, ?*merule*, *transversus*, *parvus*, *dimorphocephalus*, *muscipapæ*, *decipiens*, *rostratus*, *rectus*, *obliquus*, *rubetræ*, *pigmentatus*) (in *Certhia fam.*, *Coccothraustes coccothraustes*, *Corone corone*, *Croicoc. sp.*, *Cuculus canorus*, *Dendrocopus major*, *Erithacus rubecula*, *Hypsipetes leucoc.*, *Megalurus galactoces*, *Momotus brasiliensis*, *Monticola cyanus*, *M. saxatilis*, *Muscicapa atricapilla*, *M. collaris*, *Philomela aedon*, *P. lusciniæ*, *Pica pica*, *Picus viridis*, *Pratincola*

ECHINORHYNCHUS—Continued.

cylindraceus—continued.

- rubetra, *Ruticilla phœnicura*, *Saxicola staphazina*, *S. leucura*, *Sturnus vulg.*, *Sylvia articapilla*, *S. nisoria*, *Troglodytes parvulus*, *Trypanocorax frugilegus*, *Turdus iliacus*, *T. merula*, *T. musicus*, *T. pilearis*, *T. sp. T. viscivorus*, *Vireo olivaceus*, 249–260, 263, 280, 287, 304, 316, 331, 361, pl. 1 figs. 12–14, 25.—Olfers, 1816a, 50.—Par., 1887, 364–365, pl. 7 figs. 50–52.—Porta, 1910, 703 (in *Acroc. arundinaceus*; *Portoferrajo*); 1913, 167 (in *Merula pritzbueri*; *Loyalty Ids.*).—Rud., 1809a, 272–273 (s. p.) (in *Picus erythroc.*, *P. vir.*); 1819a, 69 (in *P. m.*, *P. v.*).—Walter, 1866, 66.—Westrumb, 1821a, 27, 44.—Zed., 1800a, 118, 122–123 (in *P. e.*, *P. v.*, *T. m.*); 1803a, 151 (in *P. e.*, *P. v.*, *T. m.*).
- cyprini-idbari* Rud., 1810a, 351 (for *idbari*).—Lühe, 1904f (1905b), 199 (= *idbari*).
- cyprini-id[i]* Viborg, 1795, 243 (in *Cyprinus idus*; *Mus. Copenh. [nv. J.]*).—Lühe, 1904f (1905b), 199.
- cyprini-rutili* Rud., 1809a, 290, 315–316 (s. *rutili*, *carpionis*, *Acanthoc.*), (in *Cyprinus rutilus*; by Kœlreuter).—Baird, 1853a, 65 (so. *clavæceps*).—Lühe, 1905b, 164, 188, 199 (cf. *anguillæ*, *globulosus*).
- dasyacanthus* Mehl. in *Crep.*, 1846a, 149 (in *Muræna anguilla*; by Mehl.) († so. *angustatus*).
- debenhami* Leiper & Atkinson, 1914, PZSL, 223 (in *Trematomus bernacchii*; Antarctic); 1915, 33, fig. 4 (in *T. b.*; *Terra Nova Exped.*).
- decipiens* Duj., 1845a, 512–513 (in *troglodyte*; *Rennes*).—Dies., 1851a, 42 (in *Sylvia troglodytes*; *Rennes*).—Linst., 1878a, 88 (in *Troglodytes parvulus*).—Lühe, 1905b, 206.—Marval, 1905a, 250, 251, 256, 257 (so. *cylindraceus*).
- dendrocopi* Westrumb, 1821a, 40 (in *Dendrocopus albicollis*; *Brazil*).—Dies., 1851a, 55 (in *Dendrocalaptes a.*; *B.*).—Furhm., 1908, v. 10 (1), 22 (in *Xipholaptes*).—von Ihering, 1902a, 46 (in *Xiphocolaptes sp.*).—Linst., 1878a, 80 (in *D. a.*).—Lühe, 1905b, 166, 199 (in *D. a.*=*X.*; *B.*).—Marval, 1905a, 205, 216, 361 (in *Ostinops sp.*, *Xiphocol. albicollis*), 363.
- depressus* Nitzsch in *Gieb.*, 1866a, 268 (in *Mustela foina*).—Linst., 1878a, 38 (in *M. f.*).—Porta, 1908, AdP, 280–281 (in *M. f.*; *Germany*).
- de visiani* Stoss., 1898c, 138 (for *de visianii*) (so. *propinquus*).
- de visianii* Mol., 1858 (1859e), 294 (in *Gobius paganellus*; *Padua*); 1861c, 265.—Porta, 1905a, 160, 178.
- diffuens* Zenker, 1832a, 18, fig. 73 (in *Gammarus pulex*) [*nv.*].—Dies., 1851a, 8 (to *Gregarina*).—Kaiser, 1893a, 1; 1893b, 133.—Leuck., 1876a, 813.—Lühe, 1905b, 339 (cf. *minutus*).—Nev.-Lem., 1912a, 846 (in *G. p.*).—Porta, 1905a, 184 (so. *miliarius*).
- dimorphacephalus* Westrumb, 1821a, 17, pl. 1 figs. 8, 9 (s. *muscipapæ* 1819) (in *intest. Muscipapæ collaris*, *M. olivaris*; *Europe*, *Wien* & *Spain*).—Dies., 1851a, 34 (s. *m.*) (in *M. c.*; *M. olivacea*; *Spain*).—Duj., 1845a, 509–510 (s. *m.*) (in *M. collaris*; *Mus. Wien*; *M. olivaris*; *Spain*).—Linst., 1878a, 93 (in *M. c.*).—Lühe, 1905b, 199–200, 205, 261 (= *m.*).—Marval, 1905a, 250, 251, 258, 259 (so. *cylindraceus*).
- dipsadis* Linst., 1889c, 240–241, pl. 16 fig. 12 (larva in *intest. wall of Dipsas blaudingii*; from *Kamerun*); 1889a, 64 (in *Dryophis blaudingii*).—Shipley, 1903l, 1, 149 (in *snakes*).
- dobulæ* Schrank, 1790a, 123–124 (in *Cyprinacei generis compluribus piscibus*; by Schrank); 1792, 116; 1803, 218 (in *den Gedærmen des Dobels, der Barbe, des Rotauges und anderer Karpfenarten*).—Baird, 1853, 63 (= *proteus*).—Dies., 1851a, 51 (so. *p.*).—Lühe, 1905b, 200–201, 237, 313, (so. *lævis*=*p.*).—Porta, 1905, 193 (so. *p.*).—Rud., 1809a, 284 (so. *tereticollis*), 285, 287.—Westrumb, 1821a, 37 (so. *p.*).—Zed., 1800a, 136.
- echinodiscus* Dies., 1851a, 36, 554 (in *Myrmecophaga jubata*, *M. bivittata*; *Brazil*); 1861a, 746.—Cobbold, 1876, 202; 1879, 321.—Linst., 1878a, 62 (in *M. tetradactyla*); 1889a, 27; 1901, 419; 1904, 380.—Lühe, 1905b, 339, 342.—Wehrmann, 1909a, 210 (in *M. j.*).—Also reported for *M. didactyla*, *M. tamandua*.
- elegans* Dies., 1851a, 35–36 (in *Cebus sciureus*, *Jacchus rosalia*, *J. ursulus*, *J. (Hapale) chrysoleucus*; *Brazil*; *M. C. V.*); 1861a, 746.—Cobbold, 1876, 202–204, pl. 16; 1879, 292.—von Ihering, 1902a, 45 (in *Chysothrix sp.*, *Hapale sp.*, *Midas sp.*).—Linst., 1878a, 10; 1889a, 6 (in *Crysothrix sciurea*).—Porta, 1908, AdP, 269–270 (in *C. s.*, *Hapale chrysoleuca*, *H. rosalia*, *H. ursula*; *B.*).—Also reported for *H. cædipus*, *Callithrix sciureus*, *M. rosalia*.

ECHINORHYNCHUS—Continued.

- emberizæ* Rud., 1819a, 673 (in *Emberiza braziliana*; Brazil).—Dies., 1851a, 55 (in *Fringilla citrina*, *F. matutina*; B. & M. C. V.).—Fuhrm., 1908, v. 10 (1) 22, 23 (in *Pseudochloris*, *Zonotrichia*).—von Ihering, 1902a, 46 (in *Ps.-sp.*, *Z. sp.*).—Linst., 1878a, 83 (in *F. celebs*).—Lühe, 1905b, 201 (probably in *Sycalis citrina*).—Marval, 1905a, 205, 216, 361.—Par., 1901, 7.—Westrumb, 1821a, 41.—Also reported for *Malimbus rubricollis*, *Z. pileata*.
- emydis* Leidy, 1851b, 207 (in *Emys geographica*; by Baird); 1856b, 48 (so. *hamulatus*); 1904a, 49–50, 91.
- eperlani* Rud., 1809a, 313–314 (s. *marænæ*, *sipunculus*, *Acanthrus sipunculoides*) (in *Salmo eperlanus*; by Martin, 1780, 44–49); 1819a, 80 (in *S. e.*).—Dies., 1851a, 58 (s. m., s., A. s.) (in *Osmerus eperlanus*; by Martin).—Hofer, 1904a, 235, 271 (in *O. e.*).—Linst., 1878a, 265 (in *O. e.*); 1889a, 94.—Lühe, 1905b, 151, 201–202, 330, 331 (=A. s.).—Olss., 1893a, 33–34, pl. 4 figs. 62, 63 (in *O. e.*).—Porta, 1905, 188 (of *Linst.*, so. *lateralis*), 197–198, figs. 52, a–c (s. m., s., A. s.) (in *O. e.*).—Westrumb, 1821a, 42.
- erinacei* (Rud., 1793) Lühe, 1904f (1905b), 202 (in *Dickdarm von Erinaceus europæus*; by Rud.). 203, 235, 250; 1905a (1905b), 259 (s. *napæformis*; *Hæruca erinacei*) 261.—Porta, 1908, 280 (in *E. e.*, *Fœtorius vulg.*, *Spermophilus citillus*; Greifsw. & Wien).
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globocaudatus Zed., 1800a, 128-130 (in intest. einer Stockeule; Germany); 1803a, 153 (in *Strix*).—Ben., 1858a, 1861a, 285.—Clerc, 1903, 256.—Cond.-Franc., 1892g, 224-232 (s. *caudatus* Brems., *polyacanthoides*, tuba); 1892h, 178-186.—Crep., 1825, 20; 1829, 45-48; 1839, 284; 1846, 130; 1849, 53.—Dies., 1851a, 29-30 (s. c., p.) (in *Falco cyaneus*, *F. cineraceus*, *F. lagopus*, *F. milvus*, *F. naevius*, *F. rufus*, *F. tinnunculus*, *Strix aluco*, *S. flammea*, *S. passerina*; Rennes, G., M. C. V.); 1861, 744.—Duj., 1845a, 507-508, pl. 7 fig. C (in *S. a.*, *S. f.*; R.).—Kaiser, 1893b, 99, 117.—Lepri, 1898, 53, 54.—Linst., 1878a, 103 (in *Ulula aluco*); 1903, 278.—Lühe, 1904f (1905b), 152, 163, 167, 168, 169, 215-221, 233; 1905a (b), 281, 321, 322, 343.—Marotel, 1899, 302.—Marval, 1905a, 218, 219, 223, 224, 225, 226, 246, (so. *aluconis*).—Müch., 1898, 55.—Müell., 1904a, 121.—Olfers, 1816a, 50.—Olss., 1893a, 36 (in *S. a.*).—Par., 1887, 363-364; 1902, 4, 16 (in *Aesalon regulus*).—Rud., 1809a, 264-265 (in *S. p.*); 1819a, 66, 314 (in *S. a.*, *S. p.*).—Stoss., 1889, 184; 1890, 131; 1890, 54; 1891, 112; 1891, 219; 1891,

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- 497; 1892, 66; 1895, 39; 1896, 135; 1898, 133–134.—Stiles & Hass., 1894e, 352 (in U. a.).—Wagener, 1857, 79, 83.—Walter, 1866b, 16 (in S. a.).—Westrumb, 1821a, 13.—Wolfh., 1900, 10, 16.
- globosus* Blainv., 1819, 209; 1828, 551.—Lühe, 1904f (1905b), 221.—Mol., 1861c, 262.—Olfers, 1816a, 50.—Westrumb, 1821a, 79 (in *Muræna anguilla*) (for *globulosus*).
- globulosus* Rud., 1802a, 49–51 (s. *anguillæ*) (in eel; by Rud.); 1809a, 259–261 (s. a.) (in *Muræna anguilla*); 1819a, 65–66, 313–314, 587 (in *Gobius aphyæ*, G. *jozo* (gozo), G. *niger*, M. a., *Pleuronectes linguatula*, *Sciæna umbra*, *Sparus dentex*, *Sphyræna* spet; C. E. V., Mus. Wein, Nap., Rimini, Greifsw.).—Brems., 1824c, pl. 5, figs. 5–6.—Cobbold, 1879, 477.—Crep., 1825, 29–34; 1839, 283; 1846, 151, 152, 155.—Dies., 1851a, 28 (s. a.) (in *Abramis brama*, A. *vimba*, *Acerina* vulg., *Anguilla* vulg., *Barbus* com., *Blicca bugenhagii*, *Leuciscus dobula*, L. *jeses*, L. *rutilus*, Lota com., *Salmo fario*, *Silurus glanis*, *Tinca chrystitis*; G.) (pars so. propinquus); 1861a, 741.—Duj., 1845a, 532–533 (in *Cyprinus rutilus*, C. *brama*, C. *tinca*, C. *dobula*, C. *barbus*, C. *jeses*, C. *vimba*, *Gadus lotta*, *Gobius*, *Pleuronectes*, S. f., *Sciæna*, *Sparus*, *Sphyræna*; Denmark, G., Italy, Mus. Wein).—Hofer, 1904a, 231, 235, fig. 154 (in Ab. br., A. v., Ac. *cernua*, Ang. vulg., *Barbus* fluv., *Bliccopsis abramorutilus*, *Cyprinus carpio*, *Gobio* fluv., *Idus melanotus*, Leuc. rut., Lota vulg., *Lucioperca sandra*, *Salmo fontinalis*, *Silurus glanis*, *Squalius cephalus*, *Tinca* vulg., *Trutta fario*).—Kaiser, 1893b, 79.—Krøyer, 1838–40a, 398, 579, 603, 609, 616; 1846–53a, 333, 367, 387, 410, 446, 471, 641; 1852–53a, 1216 (in Ab. br., A. v., Ac. c., *Anguilla migratoria*, Ba. fluv., G. n., L. dob., L. r., Lota vulg., *Salmo fario*, Sil. gl., *Tinca* vulg.).—Lam., 1816, 199.—Levander, 1906 (1904–1905), v. 30, 66.—Leidy, 1856b, 48 (s. *lateralis*) (in *Salmo fontinalis*).—Linst., 1878a, 209 (in A. c.); 1903, 277.—Lint., 1901b, 409, 435, 490 (in *Acipenser rubicundus*, *Anguilla chrysypa*; Woods Hole), 435.—Lühe, 1904f (1905b), 140, 144 (O. F. Müell.), 153, 173, 203, 221, 222–223; 1905a (b), 319, 328, 329 (cf. ang., *globosus*, propinquus, linstowi, *Acanthoc.* sp.).—Mueh., 1898, 55, 79, 110, fig. 2.—Nordm., 1840, 643 (s. a.).—Olss., 1869b, 499, 512; 1893a, 33, pl. 4 figs. 60–61 (in Ac. vulg., M. a.).—Porta, 1905, 157, 159 (so. pr.), 160, 163–164 (s. a.), 173, 202, figs. 9a–c (in Ab. b., A. v., Ang. vulg., *Aspius rapax*, Bar. fluv., Bl. ab., Cyp. c., G. fluv., *Idus* m., L. r., *Salmo font.*, Sil. gl., *Squal. ceph.*, *Tinca* vulg., *Trutta fario*).—Schneid., 1903, 7, 22 (in A. vulg., G. *niger*, Leuc. *idus*, L. r., L. *erythrophth.*, Lota vulg., *Perca* fluv., *Zoarces viviparus*); 1913, 33 (in L. *idus*, L. *leuciscus*).—Sieb., 1839, 160.—Srámek, 1901a, 95, 96 (in Abr. bra., *Abramidopsis leuckarti*, Ac. cer., Ang. fluv., Bar. fluv., *Blicca björkna*, *Carassius* vulg., *Esox lucius*, *Idus* mel., L. r., Lota vulg., *Perca* fluv., *Scardinus erythrophth.*, Sil. gl., *Squalius dobula*, S. *lepusculus*, *Tinca* vulg.) (s. a.), 103–104, figs. 56–57.—Westrumb, 1821a, 11.—Zed., 1803a, 150 (in Mur. ang.).—Zsch., 1896 a, 774, 784, 818, 822 (in Tinc. vulg.); 1903b, 127, 132, 133, 134, 146, 147 (in Lota vulg., Sil. gl.).
- gobii* Viborg, 1795, 244 [nv.].—Baird, 1853a, 64 (of Rud., so. *proteus*).—Dies., 1851a, 51 (so. p.).—Lühe, 1904f (1905b), 223 (of Rud., 1819=E. sp. Brems., p., so. *lævis*), 237.—Porta, 1905, 193 (so. p.).—Rud., 1809a, 309 (refers to Viborg); 1819a, 79 (in *Cottus gobio*; C. E. V.) (includes reference to 1809a, 309).—Westrumb, 1821a, 37 (so. p.).
- gracilis* Rud., 1819a, 68–69, 319 (in intest. of *Coracias garrula*; by Treutler).—Dies., 1851a, 37 (in C. g.; M. C. V.).—Duj., 1845a, 515 (in C. g.; Mus. Wien).—Linst., 1878a, 73 (in C. g.).—Lühe, 1904f (1905b), 176, 196, 223–224.—Marval, 1905a, 204, 208, 279–281, 287, pl. 2 figs. 68–70 (in C. g.).—Westrumb, 1821a, 20, 49.
- gracilis* Ben., 1871a, 28, pl. 5 fig. 7 (in *Mugil chelo*; Belgium).—Linst., 1878a, 230 (in M. c.).—Lühe, 1905b, 164, 224 (so. *agilis*), 338.—Porta, 1905, 166 (so. ag.).—Sons., 1891, 255, 256.
- grassii* Rail., 1893a, 571 (quotes Deffke, 1891, 258) (in *Canis* fam.) (Ech. sp. Grassi, 1888; Sicily).—Geddelst, 1911a, 136 (in dog; Sicily).—Nev.-Lem., 1912a, 845.—Porta, 1908, 278 (so. *Gigantor. moniliformis*).
- gruis* Rud., 1819a, 78 (in *Ardea grus*; C. E. V.).—Dies., 1851a, 56 (in A. g.).—Duj., 1845a, 519 (in *Grus cinerea*).—Linst., 1878a, 140 (in G. c.).—Lühe, 1904f (1905b), 224–225; 1905a (b) 267.—Marval, 1905a, 205, 216, 361–362 (in G. com.).—Westrumb, 1821a, 41.
- gurnardi* Rathke, ? 1799a, 72, pl. 2 fig. 5 [nv.].—Porta, 1905a, 171 (so. *acus*).

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- hæmatopodis* Rud., 1819a, 670-671 (in *Hæmatopus ostralegus*; Brazil).—Lühe, 1904f (1905b), 225 (so. sphæroc.).
- hæruca* Lam., 1801a, 336 (s. *Pseudoechinorhynchus*=*muris* Schrank).—Lühe, 1905b, 225, 260 (s. m.) (= *Hæruca muris*, *hærucæ*) (so. *Cystic. fasciolaris*).—Stiles, 1906a, 44 (so. C. f.).—Stiles & Stev., 1905a, 11 (?so. *T. teniaformis*).
- hæruca* (Pall., 1766 pars) Rud., 1802a, 56-57 (s. *ranæ*); (in *Rana*; by Rud.); 1809a, 265-266 (s. r., *Hærucula*, *Tænia hæruca*) (in *Rana* temp., R. escul.); 1819a, 67, 317-318 (in *Bufo cinereus*, B. igneus, R. e., R. t.; Greifsw., C. E. V.—Andre, 1912, 478, 482, 485.—Blainv., 1828a, 551.—Bosc, 1802a, 4.—Braun & Lühe, 1909a, 155 (of frog; larva in *Asellus aquaticus*); 1910a, 169.—Brems., 1824c, 131, pl. 6 figs, 11-14.—Crep., 1839a, 284.—Cuv., 1817a, 40.—Dies., 1851a, 29 (s. r., r.-bombinis) H., T. h., (in *Anas fusca*, *Bombinator igneus*, *Lissotriton punctatus*, *Pelophylax escul.*, R. t., R. depasta, *Triton cristatus*, *Phryne vulg.*; Europe).—Duj., 1845a, 526-527, pl. 7 fig. E (s. r., T. h.) (in *Bufo* ig., B. cin., B. variabilis. R. t., Tr. cr., T. tæniatus; Europe).—Eichw., 1829a, 250.—Elmhirst, 1912, 89 (larva in *As. aq.*; in R. t.; Scotland).—Giard, 1904, v. 34, 108 (in *As. aq.*, *Bufo. vulg.*, *Bomb. ig.*, *Hyla arborea*, R. temp.); 1904, v. 34, 45-49 (in rainette).—Hamann, 1892d, 195.—Hannover, 1864a, 5.—Kaiser, 1893a, 1, 2, 8, 12, 22, 26, 27, 28, 29, 30, 31, 32, 34, 41, 42, 49, 52, 56, 61, 62, 64, 68, 69, 71, 72, 77, 78, 86, 87, 88, 89, 90, 104, 105, 106, 107, 110, 116, 118, 119, 121, 123, 134, 135, 136; 1893b, 6, 12, 14, 15, 16, 29, 39, 40, 41, 42, 44, 48, 49, 50, 51, 52, 53, 54, 55, 57, 62, 69, 70, 79, 81, 84, 86, 89, 90, 91, 92, 93, 95, 96, 97, 98, 99, 100, 103, 104, 105, 112, 113, 114, 115, 117, 120, 121, 123, 124, 127, 128, 129, 130, 131, 136, 137, 138, 141, 146, 147, 148, pl. 1 figs. 2-7, 9, 13, 14, 15, pl. 2 figs. 4, 6, 15, pl. 4 fig. 14, pl. 5 figs. 12, 14, 15, 16, 17, 18, 22, 23, pl. 6 figs. 5-8, pl. 7 figs. 11-12, pl. 8 fig. 31, pl. 9 figs. 50, 55, 70.—Köhler, 1887c, 1192-1194 (muscle fibers) (*heruca*).—Kowal., 1894a, 8.—Linst., 1878a, 197 (in R. t.).—Lühe, 1905b, 154, 224, 290, 336 (so. r.).—Marval, 1905a, 201.—Moll., 1859, 16.—Olfers, 1816, 50.—Ols., 1893a, 35, pl. 5 fig. 73, 74 (in R. e., R. t.).—Pachinger, 1885a, 1-50, 2 pls.—Porta, 1906, 241, 260; 1908, 228, 229 (so. r.).—Shipley, 1896a (1901b), 176, fig. 94; 1903, 150 (in *Bufo*).—Sieb., 1839b, 160.—Stiles & Hass., 1894e, 353 (in *Rana*).—Stoss., 1890, 54; 1896, 135; 1898, 137.—Wagener, 1857a, 80, 83.—Westrumb, 1821a, 11, 18-19, 48, 49, 51, 52, 54, 55, 56, pl. 3 figs. 18-21.—Zed., 1803a, 152 (so. r.).—Westwood, 1851, 647.
- hærucæ* Bosc, 1802a, 4 (s. *muris*, *Hæruca*; Gœze, 1782a, pl. 2 fig. 12) (in *Mus musculus*).—Lühe, 1904f (1905b), 225.—Stiles, 1906a, 44 (so.? *Cystic. fasciolaris*).—Stiles & Stev., 1905a, 11 (so.? *Tænia teniaformis*).
- haliaëti* Rud., 1819a, 76 (in *Falco haliaëtus*; C. E. V.).—Dies., 1851a, 54 (in F. h.; M. C. V.).—Linst., 1878a, 114 (in *Pandion haliaëtus*).—Lühe, 1904f (1905), 159, 225-226.—Marval, 1905a, 216, 362 (in P. fluv.).—Westrumb, 1821a, 40.
- hamanni* Linst., 1892h (i), 68-69 (10-11), pl. 2 figs. 17-24 (in *Stenorhynchus leptonyx*; S. Georgien).—Lühe, 1905b, 231, 338 (belongs to *Corynosoma*).
- hamatus* Linst., 1897i, 33, figs. 16-17 (a *Gigantor.*) (in *Potamochoerus edwardsii*; Madagascar).
- hamulatus* Leidy, 1856b, 48 (*emydis* renamed) (in *Emys geographica*, E. insculpta, E. guttata, E. serrata; apparently Phila.); 1888f, 127 (in terrapin); 1904a, 91, 212.—Dies., 1861a, 742.—Linst., 1878a, 176 (in E. g.).—Porta, 1908, 226, 233 (in *Clemmys geographica*, *Cistudo carolina*, E. i., E. g., E. s.).—Stiles & Hass., 1894e, 353 (in E. palustris, E. terrapin, *Trachemys scabra*).
- hepaticola* Linst., 1901e, 278, figs. 3-4 (*Gadus callarias*; Weisses Meer, Petrograd Mus.).—Porta, 1905, 173, fig. 29a & b (in G. c.).
- hepaticus* Mol., 1858d, 141 (in *Garrulus pica*; Padua); 1861c, 262, pl. 8 fig. 2 (in G. p.; P.).—Dies., 1861a, 744.—Linst., 1878a (in *Pica caudata*).—Mont., 1887, 27.—Marval, 1905a, 328, 330, 331, 332 (so. *teres*).
- heruca* Köhler, 1887c, 1192-1194 (muscle fibers of) (for *hæruca*); 1887f, 599.
- heteracanthus* Linst., 1896a, 13-14, figs. 29-33 (in *Atherinichthys microlepidotus*; Coll. Mich.).—Porta, 1905a, 189-190, 202, figs. 41a-d (in A. m.).
- heterocercus* Nitzsch in Gieb., 1857a, 267 (in cecum of *Strix aluco*; Germany).
- heterorhynchus* Par., 1887b, 367-368, 371, (95-96), pl. 7 figs. 57-58 (in *Coluber flavidus*; Karalis).—Linst., 1888, 241; 1889a, 64 (in *Zamenis viridiflavus*).—Shipley, 19031, 149.
- [*h*]exacanthus Duj., 1845a, 497, 536-537 (*exacanthus*) (in *Mugil labeo*; Rennes).—Dies., 1851a, 58 (in M. l.; R.).—Linst., 1878a, 230 (in M. l.).—Porta, 1905, 166 (so. *agilis*).

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- hippuris* Zed., 1803a, 160 (s. Tentacularia) (in Coryphæn. hippur.; quotes Bosc & Rud.).—Lühe, 1905b, 196, 226, 338 (=coryphænæ. T. coryphænæ).
- hirudinaceus* (Pall., 1781a) Wolffh., 1908c (d), 13–17 (3–7) (in Diloboderus abderus; S. A.); 1909c, 69–71 (3–4) (larva in D. a.); 1911, 79.
- hirudinum* Marval, 1905a, 362 (lapsus for hirundinum).
- hirundinacea* (Dies., 1851) Lühe, 1904f (1905b), 140, 153, 156, 157, 215, 226–227; 1905a (b), 306 (s. gigas, Tænia h.).
- hirundinum* Rud., 1819a, 77 (in Hirundo apus, H. rustica; C. E. V.).—Dies., 1851a, 56 (in H. r.).—Linst., 1878a, 78 (in Cypselus apus).—Lühe, 1904f (1905b), 159, 229.—Marval, 1905a, 205, 216, 362, 363 (hirudinum) (in C. a., H. r.).—Müeh., 1898, 55.—Westrumb, 1821a, 41.
- hominis* Leuck., 1876a, 729, fig. 531 (for Echinorr. sp. Lambl, 1859a, 45–49, figs. 12a–d. in intest. of Homo; [apparently Prag]).—R. Bl., 1889a, 704; 1890a, 94, (so. gigas).—Braun, 1883a, 197; 1895b, 249; 1903a, 310; 1906a, 344; 1908a, 348; 1915a, 373.—Cast. & Chalm., 1910a, 456, 926; 1913a, 566, 1293.—Cobbold, 1876e, 91; 1879b, 256, 413.—Dav., 1877a, lxxxiii.—F. S. & T., 1916a, 7, 477.—Geddelst, 1911a, 136 (in infant).—Ijima, 1889, 407.—Linst., 1878a, 3 (in H.).—Moniez, 1896a, 419.—Mosler & Peiper, 1894, 318.—Packard, —?, 512.—Porta, 1908, 281–282.—Schneidem., 1896, 325.—Sl. & Sw., 1912a, 413.—Stiles, 1914, MM, v. 2, 297.—Verdun, 1907, 428.—Vogt, 1878, 12, 13.—Ward, 1895a, 332 (in H.); 1903, 225 (in small intest. H.; Prag.); 1903, 407; 1916, 704.
- horridus* Linst., 1898c, 290, fig. 21 (in Sauroptaxis sancta; Ralum).—Marval, 1905a, 204, 210, 284, 285, 286, pl. 2 figs. 71–73 (in Halycon sanctus).
- husonis* Rud., 1819a, 78 (in Acipenser huso; C. E. V.).—Dies., 1851a, 35 (so. plagiccephalus).—Lühe, 1904f (1905b), 229; 1905a (b), 273 (cf. acipenseris-rutheni, p.).—Mol., 1861c, 263–264 (so. p.).—Porta, 1905, 168 (so. p.).—Westrumb, 1821a, 17 (=p.).
- hyla* Johnst., T. H., 1914 PRSQ, v. 26, 83–84, pl. 10 figs. 8–9 (in Hyla caerulea; near Brisbane).
- hystrix* Brems. in Rud., 1819a, 75, 332–333 (in Pelecanus carbo; Mus. Wien); 1824, pl. 7 figs. 22–23.—Baird, 1853a, 61.—Bellingh., 1844a, 259.—Cond.-Franc., 1892, 229.—Crep., 1846a, 141 (in Halieus graculus).—Dies., 1851a, 45 (in Carbo cormoranus, C. cristatus, C. graculus, Mergus merganser, M. serrator, Podiceps rubricollis, P. subcristatus; M. C. V.).—Drummond, 1833, 63, fig. 24.—Duj., 1845a, 522 (in C. cor., C. cr., M. m., M. s., P. r., P. s.; Mus. Wien, Ireland).—Elmhirst, 1912, 89 (in Phalacrocorax carbo, P. graculus; Scotland).—Kaiser, 1893b, 29, 42.—Leidy, 1887b, 22 (in Plotus anhingia; Florida).—Leuck., 1876a, 787.—Linst., 1878a, 162 (in M. m.); 1901, 278.—Lühe, 1904f (1905b), 154, 229–232; 1905a (b), 266 (s. striatus), 342 (belongs in Corynosoma); 1911a, 36, 38.—Marval, 1905a, 198, 204, 215, 270, 272, 281–284, 310, 319, 320, 321, pl. 2 figs. 78–80 (in Mergus serrator, M. castor, Ph. c., P. auritus, P. bicristatus, P. gr., Plotus anhingia, Pod. griseigena).—Müeh., 1898a, 24 (in Rana esculenta); 1898b, 55 (in Carbo cor., Merg., Pod.).—Olss., 1893a, 37.—Rennie, 1907, 443, 444, 445, fig. 3; 1909, 41, 42, fig. 3.—Stiles & Hass., 1894e, 352 (in Strix nebulosa).—Stoss., 1890, 54.—Villot, 1875, 474.—Westrumb, 1821a, 29–30, 51, 52, 54, pl. 1 fig. 4, pl. 3 figs. 16–17.
- idbari* Gmel., 1790a, 3050 (in idbari [Cyprinus idbarus] intestinis; teste Müell., 140).—Baird, 1853a, 64 (so. proteus).—Dies., 1851a, 51 (so. p.).—Lühe, 1905b, 187, 199, 232, 237, 313 (=cyprini-idbari, candidus) (so. laevis).—Porta, 1905, 193 (so. p.).—Rud., 1809a, 290, 316 (s. cand.) (in C. i.); 1819a, 81 (in C. i.).—Westrumb, 1821a, 38 (=p.).—Zed., 1803a, 163.
- impudicus* Dies., 1851a, 29 (in Doras niger; Brazil); 1859e, 744.—Linst., 1878a, 251 (in D. n.).—Lühe, 1912, v. 1, 274, 275.—Mol., 1861c, 262.—Porta, 1905, 160, fig. 6, 203 (in D. n.).
- inæqualis* Rud., 1809a, 261, pl. 4 fig. 2 (in Falco buteo; by Jurine); 1819a, 66 (in F. b.).—Dies., 1851a, 27 (in F. b.; M. C. V.).—Duj., 1845a, 505 (in F. b.; Geneva, Mus. Wien).—Lepri, 1898, 53, 54.—Linst., 1878a, 112 (in Buteo vulg.).—Lühe, 1905b, 163, 168, 169, 232–233.—Marval, 1905a, 217, 219, 225, 229 (so. aluconis).—Mingazzini, 1900, 154.—Mont., 1887, 28.—Olfers, 1816, 50.—Rizzo, 1902, 39 (in Tropidonotus natrix).—Stoss., 1896c (d), 135 (17) (in Cerchneis tinnunculus; Staranzano); 1898, 135.—Westrumb, 1821a, 14.—Also reported for Tropidonotus vipereus.

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- incrassatus* Mol., 1858 (1859e), 294 (in *Gobius paganellus*; Padua); 1861c, 260-262, pl. 8 fig. 1 (in G. p.; P.).—Dies., 1859, 743.—Linst., 1878a, 229 (in G. p.).—Lint., 1901b, 409, 450, 481, 487, 490 (in *Lophius piscatorius*, *Paralichthys dentatus*, *Pomatomus saltatrix*; Woods Hole).—Porta, 1904, 1 (in *Conger vulg.*); 1905, 160, 178-179, 202, fig. 20 a-b (s. *visianii*, *flavus*) (in C. v., G. p., *Pagellus erythrinus*), 188 (of Lint. so. *lateralis*).—Stoss., 1898, 138.
- inflatus* Rud., 1809a, 270-271 (s. *salmonis*) (in *Salmo salar*; by Müell., Rud.).—Baird, 1853a, 66 (so. *fusiformis*).—Dies., 1851a, 41 (so. *pachysomus*).—Crep., 1839a, 284.—Fisch., 1840, v. 13 (1), 156 (in S. s.; *Mitavix*).—Lühe, 1905b, 140, 234, 318 (=salm.).—M'Intosh, 1864, 151.—Olfers, 1816, 50.—Porta, 1905, 172 (so. p.).—Westrumb, 1821a, 16 (=f.).
- inflatus* Crep., 1829b, 39-49 (in *Charadrius hiaticula*, *Hæmatopus ostralegus*; by Crep. and Laur.); 1846, 136.—Dies., 1851a, 34 (in C. h., C. minor, H. o.).—Duj., 1845a, 517-518 (s. *striatus*) (in C. h., H. o.; Greifsw.).—Fisch., 1840, v. 13 (1), 156.—Linst., 1876, 2; 1878a, 133 (in H. o.).—Lühe, 1905b, 234, 338.—Mehl., 1831, 166.—Müeh., 1898, 55.—Marval, 1905a, 204, 208, 212, 213, 286-291, 314, 315, pl. 2 figs. 61, 74-76 (s. *lanceolatus*, *crassicolis*) (in *Aegialites cantianus*, A. fluv., A. hiaticula, *Cuculus canorus*, *Calidris arenaria*, H. o., *Pelidna alpina*).—Par., 1899, 16; 1899, 100 (in A. c.; *Portoferrajo*); 1902, 17 (in A. c., Ca. can.).—Villot, 1875, 471-472, pl. 13 fig. 11 (in C. h., H. o., *Tringa alpina*; Roscoff); 1878, 22 (in T. *variabilis*).
- inflexus* Cobbold, 1861e, 117, 124, pl. 20 figs. 9-10 (in *Chelydra serpentina*; Lond.).—1879b, 455.—Linst., 1878a, 180 (in *Halichelys atra*).—Porta, 1908, 226, 234, pl. 9 fig. 8 (in H. a.).
- ingens* Linst., 1879b, 337 (in intest. *Procyon lotor*; Ing.); 1899a, 17 (in P. l.).—Porta, 1908, v. 12, 277 (so. *Gigantur. hirundinaceus*).
- inscriptus* Westrumb, 1821a, 15-16 (in intest. *Turdi flavipedis et albicollis*; Brazil).—Dies., 1851a, 32-33 (in T. f., T. a., T. *humilis*, T. *albiventer*; B., M. C. V.).—Duj., 1845a, 511 (in T. f., T. *albicollis*; B.).—Fuhrmann, 1908, v. 10 (1), 22, 23 (in T.).—vor Ihering, 1902a, 45, 46 (in T. *fumigatus*).—Linst., 1878a, 88 (in T. *albiv.*).—Lühe, 1904f (1905b), 234-235.—Marval, 1905a, 229, 230, 233 (so. *aluconia*).
- invaginabilis* Linst., 1902a, 228-229, figs. 17-20 (in *Numenius arquatus*; Munich).—Lühe, 1912, v. 1, 282, 285 (to *Arhythmor.*).—Marval, 1905a, 204, 212, 291-292, pl. 4 figs. 156-159 (in N. *arcuatus*).—Van Cleave, 1916, 167.
- kerkoides* Westrumb, 1821a, 8 (s. *citilli*) (in *Arctomys citillus*; M. C. V.).—Dies., 1851a, 22 (so. *napeiformis*).—Duj., 1845a, 502 (s. c.) (in *Spermophilus citillus*; Mus. Wien).—Lühe, 1904f (1905b), 190, 235, 250 (s. c.).
- labri* Rud., 1819a, 80 (in *Labrus tinca*; C. E. V.).—Dies., 1851a, 57-58 (in *Crenilabrus tinca*; M. C. V.).—Linst., 1878a, 233 (in C. t.).—Lühe, 1904f (1905b), 235.—Porta, 1905, 176, 196-197 (in C. *griseus*, C. t.).—Sons., 1891h, 258 (in C. g., C. t.).—Westrumb, 1821a, 42.
- lacustris* Zoega in Müell., 1776a, 214.—Herbst, 1787a, 42.—Lühe, 1904f (1905b), 149, 235 (=Cucullanus *elegans*, *lacustris*).—Müell., 1776a, 51; 1780, 205.—Rail. & Henry, 1915, 448 (so. C. e.).—Rud., 1809a, 102 (so. C. e.).—Stiles & Hass., 1905b, 103.
- lævis* Zoega in Müell., 1776a, 215.—Dies., 1851a, 52 (so. *proteus*).—Fabr., 1794, 39.—Herbst, 1787a, 42.—Lühe, 1904f (1905b), 149, 154, 170, 175, 186, 191, 200, 201, 212, 236-238, 241, 244, 245, 247; 1905a (b), 268, 270, 273, 298, 299, 302, 313, 331, 336 (cf. p., *longicollis*, *annulatus*, *candidus*) (s. *annularis*, *attenuatus*, *barbi*, *bramæ*, *dobulæ*, "gobii," *idbari*, "lavareti," *levis*, *nodulosus*, *ovatus*, *piscinus*, "salmonum," *salvelini*, *sphæricus*, *subglobatus*, *sublobatus*, *tenuicollis*, *tereticollis*, *Tænia longicollis*).—Mola, 1912, 491, 501, 502 (Tiber, Aniene).—Pall., 1781, 110.—Porta, 1905, 193 (so. p.).—Rud., 1809a, 284-285 (*lævi*) (so. *tereticollis*) 287 (so. *nodulosus*), 289.—Schränk, 1788a, 28 (in Sandbutte).—Stiles & Hass., 1905b, 103.—Van Cleave, 1916, 131.—Westrumb, 1821a, 37 (so. p.).
- lævis* n. sp. Linst., 1905t, 359, pl. 23 figs. 4-5 (in *Anas boschas*; Ing.).
- lagænxformis* Westrumb, 1821a, 7 (s. *falconis-cyanei*) (in intest. *Falconis cyanei*; Mus. Wien).—Dies., 1851a, 23 (s. f.-c.) (in F. c., F. *gracilis*, F. *milvodes*, F. *pteroles*, F. *urubitinga*; Brazil, M. C. V.).—Duj., 1845a, 505 (s. f.-c.) (in F. c., F. *pygagrus*; Mus. Wien).—Fuhrm., 1908, v. 10 (1), 22, 23 (so. *compressus*) (in Busarellus, *Urubitinga* and other *Accipiters*; Brazil, Europe).—Linst., 1878a,

ECHINORHYNCHUS—Continued.

lagænæformis—continued.

109 (in *Circus cyaneus*).—Lühe, 1904f (1905b), 169, 204, 238–240, 249; 1905a (b), 266, 293 (s. f. c.).—Marval, 1905a, 198, 337, 339, 340 (*lagænæformis*), 345, 346, 297 (so. *Gigantor. compressus*).

lagæneformis Westrumb, 1821a, 68 (for *lagænæformis*).

lagenæformis Duj., 1845a, 505 (for *lagænæformis*).

lagæneformis Marval, 1905a, 340 (misprint for *lagænæformis*).

lamelliger Dies., 1854s, 681–682, figs. 1–6 (in *Naucrates ductor*; M. C. V.); 1861a, 745.—Linst., 1878a, 217 (in N. d.).—Porta, 1905, 165, 202, figs. 13a–c (in N. d.); 1907, v. 1 (19), 412 (type of *Lepidosoma*).

lancea Westrumb, 1821a, 26–27 (s. *vanelli*, *morinelli*, *œdicnemi*), 48, 51, 52, 54, 55, 56, 63, 64, pl. 1 fig. 19, pl. 3 figs. 4–7, (in intest. *Charadrii morinelli et œdicnemi*, *Tringæ vanelli*); 1823, 393.—Crep., 1846, 136.—Dies., 1851a, 31 (s. v. m., *œdicnemionis*) (in *Charadrius cantianus*, C. mor., C. oed., *Vanellus cristatus*; M. C. V.).—Duj., 1845a, 517 (s. *œdicnemi*, van.) (in C. m., *Oedicnemus crepitans*, V. c.; Wien).—Elmhirst, 1912, 90 (in V. vulg.; Scotland).—Linst., 1878a, 134 (in O. crep.).—Lühe, 1904f (1905b), 241; 1905a (b) 255, 265, 324 (so. v.).—Marval, 1905b, 204, 208, 212, 213, 262, 296–299, pl. 3 figs. 108–109, 112–116 (s. v., m., *œdicnemionis*) (in *Aegialites cantianus*, *Cuculus canorus*, *Charadrius pluvialis*, *Eudromias morinellus*, *Himantopus plinii*, *H. himantopus*, *Oed. œdicnemus*, *Pavoncella pugnax*, *Van. capella*, *Van. vanellus*).—Mehl., 1831, 166.—Par., 1899, 16; 1899, 100 (in V. cap.); 1902c, 17 (in C. c., V. c.).—Stoss., 1891, 112 (in *H. melanopterus*; Trieste).

lanceolatus Linst., 1876a, 2, fig. 3 (in intest. of *Charadrius hiaticula*; by Linst.); 1878a, 136 (in *Aegialites hiaticula*).—Lühe, 1905b, 234, 339.—Marval, 1905a, 286, 290, 291 (so. *inflatus*).—Stoss., 1891, 219.

lari Rud., 1819a, 671 (sub *sphærocephalus*) (in *Hæmatopus ostralegus*; Brazil).—Lühe, 1904f (1905b), 241.

lateralis Mol., 1858 (1859e), 295 (in *Belone acus*; Padua); 1861c, 269, pl. 8 fig. 13 (in B. a.; P.).—Barbag. & Drago, 1903, 418, (in B. a.; Catania).—Dies., 1859e, 749–750.—Linst., 1878a, 234; 1889a, 84 (in B. a.).—Par., 1902c, 17

- (in *Anguilla vulg.*, *Belone vulg.*, *B. acus*, *Exocoëtus volitans*, *Gobius jozo*, *Labrax lupus*; Europe).—Porta, 1904a, 4 (in *Atherina hepsetus*); 1905a, 179, 188, 198, 203, fig. 39 a–b (s. *eperlani*, *incrassatus*) (in *Ang. vulg.*, *Ath. hep.*, *B. a.*, *B. vulg.*, *G. j.*, *L. l.*, *Lophius piscatorius*, *Paralichthys dentatus*, *Pomatomus saltatrix*).—Stoss., 1885b, 164 (9), pl. 5 fig. 23 (in *Belone acus*, *L. l.*; Trieste); 1887, 96; 1889h, 30; 1891, 219; 1898, 139; 1901, 102 (in *Ath. hep.*; T.).

lateralis Leidy, 1851b, 207–208 (in intest. of *Salmo fontinalis*; by Baird); 1856b, 48 (so. *globulosus*); 1904a, 50, 92.

lavareti Rud., 1809a, 313 (cf. *Acanthoc.*) (in *Salmo lavaretus*; teste Kœlreuter); 1819a, 80 (s. *salmonus*).—Baird, 1853a, 64 (so. *proteus*).—Dies., 1851a, 51, (so. p.).—Lühe, 1905b, 159, 241–242, 313, 329 (= *lævis*).—Porta, 1905, 193 (so. p.).—Westrumb, 1821a, 37 (so. p.).

lendii (Phipps, 1774a) Lühe, 1905b, 147, 172, 208, 209, 242–244, 286 (s. *anatis-mollissimæ*, *borealis*); 1911a, 34, 55.

lesiniiformis Mol., 1859h, 15–16 (11) (in *Pelophilax escul.*; Padua).—Linst., 1878a, 198 (in *Rana escul.*).—Porta, 1908, 225, 229.—Stoss., 1890, 44; 1898, 137.

lævis Zed., 1803a, 155–156 (so. *tuba*) (for *lævis*).—Lühe, 1904f (1905b), 237, 244.

linearis Westrumb, 1821a, 10 (s. *sternæ*), 56, pl. 1 fig. 2 (in intest. *Sternæ stubericae*; Mus. Wien).—Dies., 1851a, 27–28 (s. st.) (in S. cantiana; M. C. V.).—Duj., 1845a, 522 (in S. s., S. c.; Mus. Wien).—Linst., 1878a, 169 (in *Larus tridactylus*); 1901, 277.—Lühe, 1905b, 244, 307 (s. st.).—Marval, 1905a, 199, 204, 212, 215, 292–296, 314, pl. 3 figs. 90–91, 98, 111 (s. st.) (in *Arenaria interpres*, S. c.).

lineatus Crep., 1846a, 136 (in *Charadrius cantianus*; by Crep.).

lineolatus Müell., 1779a, 96–98, pl. 36 figs. 11–14 (s. *Tænia hæruca* Pall.) (in *Cottus scorpius*, *Gadus æglefinus*, *G. lucius*, *G. merlangus*, *G. callarias*; by Müell.) (*Echinorhynchus*); 1784a, 107, 1788a, 48–50, pl. 37 figs. 11–14 (s. T. h.) (in C. s., G. a., G. c., G. l., G. m.).—Baird, 1853a, 66 (so. *acus*).—Bosc, 1802a, 8.—Brug., 1791a, 110, pl. 38 fig. 10–12 (in *gadorum plurimorum* intest.).—Dies., 1851a, 40 (so. a.).—Fabr., 1799a, 150 (cf. *gadi-virentis*).—Gmel.,

ECHINORHYNCHUS—Continued.

lineolalus—continued.

1790a, 3047.—Lühe, 1905b, 163, 212, 244–245 (=gadi).—Olfers, 1816, 51.—
 Pall., 1781, 108.—Porta, 1905, 171 (so. a.).—Rud., 1809a, 281–282, 307 (so. g.,
Tænia lumbricoides) (in C. s., G. l., G. a., G. m., G. s.); 1819a, 71 (so. a.).—
 Stiles & Hass., 1905b, 103 (cf. g.).—Westrumb, 1821a, 24 (so. a.).—Zed.,
 1803a, 152–153 (in *Gadus*).

linstowi Hamann, 1891a, 95–96, pl. 8 figs. 17–22 (in intest. *Abramis ballerus*,
Alburnus bipunctatus, *Accipenser huso*, *Idus melanotus*; Mus. Wien).—
 Hofer, 1904a, 235 (in *Trutta fario*, T. iridea), 271 (in *Cobitis barbatula*, *Gobio*
fluv., *Gasterosteus aculeatus*, *Phoxinus lævis*).—Lühe, 1905b, 174, 319, 329
 (= *globulosus*).—Porta, 1905a, 193 (so. *proteus*), 195.—Shipley, 1896a
 (1901b), 183 (in *Acip. huso*, *Abr. bipunctatus*, A. bal., *Leuciscus idus*).—
 Zsch., 1896a, 774, 776, 778, 784, 820, 822 (in T. f.).

linstowii Hamann in Linst., 1889a, 83, 90, 91, 92, 93 (in *Cobitis barbatula*, *Gobio*
fluv., *Gasterosteus aculeatus*, *Phoxinus lævis*, *Trutta fario*) (for *linstowi*),
 [nomen nudum except for host and location].—Hofer, 1904a, 271.

lobianchii Mont., 1887a, 27–28 (9–10), figs. 5–7 (in peritoneum of *Tropidonotus*
viperinus; by Mont.).—Linst., 1889a, 64 (in T. v.).

longicollis (Pall. 1781) Göze, 1782a, 162–163 (cf. *attenuatus*), pl. 12 fig. 12–14
 (in Dorsch [*Lota lota*], by Göze; and in *Pleuronectes limanda*, by Müell.).—
 Bosc, 1802a, 8.—Dies., 1851a, 51 (so. *proteus*), 52.—Gmel., 1790a, 3047.—
 Lühe, 1905b, 281 (of Zed. pars so. *flicollis*), 170, 183, 207, 245, 281, 313
 (so. *lævis*).—Marval, 1905a, 263, 265 (of Zed. so. f.).—Porta, 1905, 193 (so. p.).—
 Rud., 1809a, 285, 317 (so. *tereticollis*).—Westrumb, 1821a, 37 (so. p.).—
 Zed., 1803a, 156–157 (in *Gadus lota*).

longicollis Villot, 1875a, 472–473, pl. 13 fig. 13 (in *Larus ridibundus*, *Streptilas*
interpres; Bretagne); 1878, 18 (in S. i.).—Elmhirst, 1912a, 90 (in *Larus canus*,
 L. r., S. i.; Scotland).—Gedöelst, 1911a, 136 (in dom. duck).—Linst., 1878a,
 133 (in S. i.).—Lühe, 1911a, 55–56, fig. 76 (in *Arenaria interpres*, L. r.); 1912,
 v. 1, 290, 291, 292.—Marval, 1905a, 204, 212, 214, 215, 299, pl. 4 fig. 134 (in
Anas boscas dom., L. r., S. i.).—Par., 1899, 16; 1899, 100 (so. *polymorphus*);
 1902, 17 (so. p.).—Porta, 1905, 185, 186 (so. *roseus*).

lophii Gmel., 1790a, 3050 (in *Lophius piscatorius*; Müell., 211).—Baird, 1853a,
 66 (so. *acus*).—Dies., 1851a, 40 (so. a.).—Lühe, 1904f (1905b), 187, 245–246
 (cf. *gadi*, *candidus*).—Porta, 1905, 171 (so. a.).—Rud., 1809a, 317–318 (s. cand.
 Müell.) (in L. p.; Müell.); 1819a, 71 (so. a.).—Westrumb, 1821a, 24 (so. a.).—
 Zed., 1803a, 163.

lucii Müell., 1779a, 90–91, pl. 37 figs. 4–6 (in *Esox lucius*; by Müell.) (*Echi-*
norynchus); 1788a, 45–46, pl. 37 fig. 4–6 (in intest. E. l.).—Bennet & Olivier,
 1826a, 35–36.—Bosc, 1802a, 10.—Brug., 1791a, 109–110, pl. 38 figs 3–5, B, C
 (in intest. *Esocis lucii*).—Dies., 1851a, 43 (so. *angustatus*).—Fröel, 1791a,
 100–101.—Lühe, 1905b, 144, 145, 148, 152, 156, 173, 176, 182, 186, 187, 191,
 238, 246–248, 270, 272, 286, 292, 310, 331, 336 (= *ang.*) (s. *candidus*, *ranæ*).—
 Mola, 1912, 491, 501, 502 (in *Cottus gobio*).—Pall., 1781, 109.—Porta, 1905,
 174 (so. *ang.*).—Rud., 1809a, 266 (so. *ang.*), 268 (of Fröel so. *affinis*).—Schrank,
 1788a, 23; 1803, 219.—Westrumb, 1821a, 26 (so. *ang.*).—Zed., 1800a, 111–117,
 123–125.

lucii Viborg, 1795a, 244 [nv.].—Lühe, 1904f (1905b), 248 (may be either *lucii* or
lævis).

lumbricoides (Müell. [nv.]) Göze, 1782a, 143 (so. *gigas*).—Rail., 1893a, 565–566.

lutzi Hamann, 1891a, (b), 95–98 (208–210), pl. 8 (12) figs. 30–37, pl. 9 (13) figs.
 5, 15 (in *Bufo aqua*; Brazil).—Ihering, 1902a, 46 (in B. sp.) (*lutzi*).—Porta,
 1908, AZ, 225, 227–228, pl. 9 fig. 5 (in *Bufo aqua*).—Shipley, 1896a (1901b),
 183 (in B. a.; Brazil).

mabuxi Linst., 1907, 84, pl. 1 figs. 6–7 (in *Mabuia multifasciata*; Java).—Porta,
 1908, 248 (in M. m.).

macracanthus Brems. in Westrumb, 1821a, 7 (s. *charadrii-pluvialis*), 44, pl. 1
 fig. 7, pl. 3 fig. 27 (in *Charadrius pluvialis*; Mus. Wien).—Dies., 1851a, 23–24
 (s. c.-p.) (in C. p.; M. C. V.).—Duj., 1845a, 517 (in C. p.) (s. c.-p.).—Linst.,
 1878a, 135 (in C. p.).—Lühe, 1905b, 189, 239, 248–249 (s. c.-p., *macrocant-*
thus).—Marval, 1904, 581 (*macrocanthus*); 1905a, 198, 262, 337, 339, 340, 345,
 346, 347, 364 (so. *Gigantor. compressus*).

macrocanthus Marval, 1904, 581 (for *macracanthus*).

ECHINORHYNCHUS—Continued.

- macrorhynchus* Dies., 1851a, 47 (in Vastres cuvieri; Borbæ & ad Rio branco, Brazil); 1859, 749.—von Ihering, 1902a, 46 (in Arapaima sp.).—Linst., 1878a, 270 (in V. c.).—Porta, 1905, 150, 187, 203 (in V. c.).
- macrourus* Brems. in Westrumb, 1821a, 12 (s. ardeæ-purpureæ) (in Ardea purpurea; Mus. Wien).—Dies., 1851a, 26 (in A. p., Ciconia alba; Rennes, M. C. V.) (s. a.-p.).—Duj., 1845a, 520 (in A. p., C. a.; R. M. W.).—Linst., 1878a, 144 (in A. p.).—Lûeche, 1905b, 176 (s. a.-p.), 249; 1912, v. 1, 290, 291 (in A. p.).—Marval, 1905a, 322, 323, 325, 327, 328 (so. sphærocephalus).
- magretti* Marval, 1905a, 205, 216, 364–366 (for magrettii) (in Lamprocorax chalybea, Rhamphastos erythrorhynchus).
- magrettii* Par., 1885, 441–442, pl. 7 figs. 23–25 (in Buceros erythrorhynchus; Kassala, Sudan).—Linst., 1889a, 30 (in B. e.).—Setti, 1892 (1893a), 16–17, pl. 1 fig. 10 (in trachea of Lamprotornis chalybara; Keren).
- major* Brems. in Westrumb, 1821a, 9, 48, 49, 51, 52, 53, 54, 56, pl. 2 figs. 11–15 (in Erinaceus europæus; Wien, Brems., 1811, 26).—Cobbold, 1879b, 295.—Dies., 1851a, 21 (in E. e.; M. C. V.).—Duj., 1845a, 500.—Kaiser, 1893b, 29.—Linst., 1897, 32, figs. 14–15; 1901, 277.—Lûeche, 1905b, 154, 250.—Stoss., 1898, 133.
- manifestus* Leidy, 1856b, 48 (in Picus collaris) (s. pici-collaris); 1904a, 91.—Dies., 1859, 746.—Linst., 1878a, 75 (in P. c.).—Lûeche, 1905b, 239, 339 (s. p.-c.).—Marval, 1905a, 198, 337, 339, 340, 348 (so. Gigantor. compressus).—Stiles & Hass., 1894e, 352 (in Colaptes mexicanus).
- marænæ* Gmel., 1790a, 3049 (s. Acanthrus sipunculoides 1780) (in marænæ intestinis).—Bennet & Olivier, 1826, 37 (in Salmo eperlanus).—Dies., 1851a, 58 (so. eperlani).—Lûeche, 1905b, 249–250, 259, 330 (cf. Ac. s., murænæ), 331.—Porta, 1905, 197.—Rud., 1809a, 313 (so. e.).
- medius* Lint., 1907, v. 3, 88–90, 122, figs. 21–30 (adult in Mycteroperca apua; larva in Bodianus fulvus punctatus, Calamus calamus, Epinephelus maculosus, E. morio, E. striatus, Hæmulon flavolineatum, Lachnolaimus maximus, M. a., Neomænis griseus, N. hastingsi, Ocyurus chrysurus; Bermuda).
- megacephalus* Westrumb, 1821a, 14, pl. 1 fig. 6 (in intest. Coluber maculatus; Brazil).—Dies., 1851a, 27 (in Pantherophis zææ; B.).—Duj., 1845a, 525 (in C. m.; B.).—von Ihering, 1902a, 46.—Linst., 1878a, 190 (in P. z.); 1888, 241.—Lûeche, 1905b, 169, 250, 324 (perhaps=tumidulus) (in C. m.=P. z.=Drymobius bifossatus).—Shipley, 1903l, 149 (in snakes).
- megarhynchus* Linst., 1892h (i), 70, 77 (12, 19), pl. 3 figs. 33–35 (in Notothenia coriiceps; S. Georgien).—Porta, 1905, 170, fig. 18, a-c, 202 (in N. c.).
- menuræ* Johnst., 1912, v. 24, 83, pl. 4 figs. 39–40 (in Menura superba; Gosford, N. S. W.); 1912, v. 12, 109 (in M. s.; N. S. W.).
- mergi* Schrank, 1788a, 27 (in Taucherganz; Bloch, 1782a, 27, pl. 7 figs. 7–9).—Bosc, 1802a, 7.—Brug, 1791a, 108, pl. 38 fig. 2, a-c (in intest. Mergi minuti).—Dies., 1851a, 32 (so. bacillarlis).—Gmel., 1790a, 3045.—Lûeche, 1905b, 180, 251–252; 1911a, 41, 42, 43.—Marval, 1905a, 217 (so. aluconis).—Rud., 1809a, 301 (so. b.).—Westrumb, 1821a, 14 (so. b.).
- merulæ* Gmel., 1790a, 3046 (in merula [Turdus merula, see Lûeche,] and Fringilla montana; Gœze, 1782a, 165).—Baird, 1853a, 62 (=polymorphus).—Bosc, 1802a, 7.—Lûeche, 1905b, 205, 252–253 (in T. m.).—Marval, 1905a, 249, 251 (so. cylindraceus).—Rud., 1809a, 295, 296 (so. minutus).
- micraanthus* Rud., 1819a, 66, 69–70, 322–323 (in Fringilla cœlebs, Loxia coccothraustes, Motacilla atricapilla, M. nisoria, M. cenanthe; Mus. Wien).—Dies., 1851a, 39 (s. alaudæ) (in Alauda arvensis, A. arborea, Anthus arboreus, Fringilla coccothraustes, F. cor., M. becafigua, Saxicola cenanthe, Sylvia atricapilla, S. nisoria; Florence, M. C. V.).—Duj., 1845a, 513 (s. al.) (in Alauda arv., A. nemorosa, Anthus pratensis, A. trivialis, F. c., L. c., Sax. œn., Sy. at., S. n.; Mus. Wien, Italy).—Fuhm., 1908, v. 10 (1), 23.—Kostylew, 1914, ZA, 186 (in Sy. at., Sturnus vulg.).—Linst., 1878a, 83 (in F. c.).—Lûeche, 1905b, 165, 253–254, 315.—Marval, 1905a, 204, 206, 208, 209, 210, 211, 212, 213, 233, 257, 280, 300–304, 311, 312, 315, 330, 331, 337, 353, 355, 356, pl. 2 figs. 43, 57, 58, 62, 63 (s. al., carrucioi) (in Al. arv., Anthus trivialis, Bubo lacteus, Bucco sp., Cassicus persicus, Coccothraustes coccothraustes, Crocopsis bimaculatus, Crypturus brevirostris, Cyanocorax chrysops, Dendrocopos major, Emberiza guelea, E. ticutica, Eucometis penicillata, Eurypyga helias, Formicarius colma, Fr. c., Galerida arborea, Leistes guianensis, Liginurus chloris, Locustella fluv., Mont. cyanus, M. sax., M. sp., Musciapa

ECHINORHYNCHUS—Continued.

micracanthus—continued.

atricapilla, *Nesopsar nigerrimus*, *Nothura maculosa*, *Numenius borealis*, N. sp., *Nuscifraga caryocatactes*, *Ostinops decumanus*, *Parula americana*, *Petronia cyaneus*, *P. stulta*, *Platystira cyanea*, *Progne chalybea*, *Rhamphastos erythrorhynchus*, *Rhamphocelus jacapa*, Sax. æn., *Spizocorys personata*, Sy. at., *S. nis.*, *Sycalis flaveola*, *Taoniscus nanus*, *Tanagra divina*, T. sp., *Thamnophilus major*, *T. sulphuratus*, *Tinamus* sp., *Trogon melanurus*, T. sp., *Tyrannus pyrrhoc.*, *Uroleuca cristatellus*, *Xanthosomus ruficapillus*, *Xipholena pompadora*.—Olss., 1893a, 36 (in Sax. æn.).—Par. 1899, 16, 100 (in *Petronia stulta*; *Portoferrajo*); 1902, 16 (in P. s.).—Stoss., 1896, 135; 1897, 7, fig. 14; 1898, 135.—Westrumb, 1821a, 21, 49.—Also reported for *Lullua arborea*, *Coccothraustes vulg.*

micracantus Marval, 1905a, 257 (misprint for *micracanthus*).

microcephalus Rud., 1819a, 665 (in *Didelphys cayopollin*; Brazil).—Cobbold, 1879b, 434.—Dies., 1851a, 20 (in D. philander; B.); 1859, 741.—Duj., 1845a, 504, 505 (in D. c.; B.).—von Ihering, 1902a, 45 (in D. sp., *Caluromys* sp.).—Leidy, 1856b, 48 (cf. *tortuosa*).—Linst., 1878a, 65 (in D. p.).—Lûeche, 1905b, 254–255 (in D. c.=D. murina).—Porta, 1908, 268 (in D. m., D. p., D. virginiana; B.).—Westrumb, 1821a, 3.

miliarius Zenker, 1832a, 18, figs. 7, 45 [nv.].—Dies., 1851a, 7 (to *Gregarina*).—Duj., 1845a, 542 (in *Astacus fluvi.*).—Greef, 1864a, 98–140, pls. 2–3 (s. polymorphus).—Harz, 1881c, 2.—Kaiser, 1893a, 1; 1893b, 23, 133.—Leuck., 1876, 735, 813, figs. 353, 356.—Lûeche, 1905b, 281, 339 (so. *filicollis*, *minutus*); 1911a, 29; 1912, v. 1, 276, 286.—Marval, 1905a, 263, 265 (so. f.).—Nev.-Lem., 1912a, 846.—Olss., 1893a, 32.—Porta, 1904, 4; 1905, 184–185, fig. 37, and 199, 202 (s. *diffluens*, *astaci-fluviatilis*, *gibbosus*, *atherinæ*, *acanthosoma*, *rubicundus*, *Gregarina diffluens*) (in *Anguilla vulg.*, *Atherina hepsetus*, *Cyclopterus lumpus*, *Gobius jazo*, *Platessa flesus*, P. passer, *Trachinus draco*, T. vipera).—Sieb., 1835, 64 (in *Gammarus pulex*).—Stoss., 1885b (c), 162–163, pl. 5 fig. 21 (in A. v., G. j.); 1898, 140.

miniatus Linst., 1896a, 12–13, figs. 24–28 (in *Anas* sp.; Coll. Mich.).—Lûeche, 1905b, 339.—Marval, 1905a, 234, 239, 240 (so. *anatis* Gœze).

minutus Zed., 1800a, 142–143, for *minutus*, *coccineus* *ovatus* of Gœze, 1782a, 163–165, pl. 13 figs. 1–2 (in *Anas fuscus*, *Turdus atricapilla*; by Gœze); 1803a, 158 (in A. f., *Fulica chloropus*, T. a.).—Baird, 1853a, 62 (so. polymorphus) Dies., 1851a, 50 (so. p.).—Jassoy, 1820a, 20–21 (in A. f., F. c., T. a.).—Lam., 1816, 199–200.—Lûeche, 1905b, 171, 209, 243, 252, 255–257, 276, 304, 326 (cf. *boschadisi*, *anatis* Gmel. et Frœl., p., *miliarius*), 339 (cf. *diffluens*, mil.).—Marval, 1905a, 234, 235, 265 (so. *anatis* Gœze).—Nordm., 1840, 643–644 (s. *versicolor*, *minutus* *coccineus*, an. Gmel., *merula*).—Olfers, 1816a, 51.—Rud., 1809a, 295–296 (s. *minutus* *coccineus*, b. Schrank, an. Gmel., mer.) (in A. fusca, Ful. chl., T. at.); 1814, 96–97; 1819a, 74 (cf. vers.).—Villot, 1875, 472 (so. p.).—Westrumb, 1821a, 33 (so. p.).

minutus coccineus etc., Rud., 1809a, 295 (see m. c. *ovatus* Gœze, 1782a, 164, pl. 13 fig. 1–2).—Baird, 1853a, 62 (so. polymorphus).—Lûeche, 1905b, 281.—Marval, 1905a, 234, 236, 265 (so. *anatis* Gœze).—Nordm., 1840, 644 (so. *minutus*).

minutus, coccineus, ovatus Gœze, 1782a, 164–165 (in *Anas fuscus*, *Turdus atricapilla*; by Gœze).

mirabilis Polonio, 1859 [nv.].—Par., 1894a, 254, 627 (in *Hyla viridis*, *Rana escul.*).

monechinus Linst., 1902a, 229–230, figs. 27–28 (in *Myrmecophaga* (*Myrmecophila*) *quadridentata*; Coll. Breslau).

moniliformis Brems., in Rud., 1819a, 71, 324–325 (in intest. *Arctomys cricetus*, *Mus arvalis*; C. E. V.); cf. [1811, 26]; 1824c, pl. 6 figs. 21–22.—Anders, 1903a, 1258 (in *Homo* and rats).—Braun, 1895b, 250; 1903a, 310; 1906a, 345; 1908a, 348; 1915a, 373.—Brumpt, 1910a, 478; 1913a, 539.—Caland., 1890a, 114–117; 1889a, 6, 8–9 (in *Blaps gigas*, B. mucronata, H.; Sicily).—Chapman, 1874b, 76.—Cobbold, 1866b, 13 (in *Otis houbara*); 1879, 315.—Dewitz, 1892b, 180.—Dies., 1851a, 36 (in *Cricetus vulg.*, *Falco cineraceus*, *Lemmus arvalis*, *Mus fusirostris*, *Mustela putorius*; Central Africa, M. C. V.).—Duj., 1845a, 503 (in *Arvicola arvalis*, Arct. cr., C. vulg., F. c.; E. Europe, Mus. Wien).—Dungl., 1893, 361, F., S., & T., 1916a, 475, 477, 478.—Hempelm., 1912a, 109.—von Ihering, 1902a, 45, 46, 47 (in M. sp. *Periplaneta americana*, P. orientalis).—Kaiser, 1893a, 2, 10–11, 26, 29, 35, 41, 72, 73, 75, 76, 96, 100, 101, 102, 103, 104,

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moniliformis—continued.

- 107, 119, 120; 1893b, 6, 12, 13, 29, 81, 84, 85, 86, 92, 94, 95, 96, 99, 100, 103, 104, 105, 123, 126, 127, 130, 131, 135, pl. 2 fig. 12 pl. 6 fig. 31—34 pl. 8 figs. 39, 14, 19—22, 34, pl. 9 fig. 68, 69, pl. 10 fig. 9.—Kholodk., 1899a, 171.—Leuck., 1876, 744.—Linst., 1878a, 20 (in *Cr. frumentarius*, *Mus fuscirostris*).—Lühe, 1905b, 154, 257—258, 306, 342 (in *Cr. cricetus*, *Microtus arvalis*).—Marval, 1905a, 206, 213, 307, 365.—Magal., 1900, 45.—Moniez, 1896, 238, 417—418.—Mosler & Peiper, 1894, 318.—Nev.-Lem., 1902a, 131; 1908a, 515.—Rail., 1893a, 568 (to *Gigantor.*).—Saunders, 1914, v. 14, 132, 138.—Schneidem., 1896a, 325.—Seur., 1911, v. 3 (1), 14—16, 1 fig. (in *hérissou*); 1911, 3 pp.; 1912, v. 72, 62—63 (in *Blatta*).—Shipley, 1896, 183; 1900, 439; 1901b, 183.—Sl. & Sw., 1912a, 414.—Stiles, 1914, v. 2, 297.—Stiles & Hass., 1894e, 352 (in *Sciurus niger*).—Stoss., 1899, 2—3.—Ward, 1917, JP, v. 3, 182.—Westrumb, 1821a, 25, pl. 1 figs. 3, a, b, pl. 2 figs. 21—24, 48—52, 56.—Also reported for *Canis fam.*, *Mus decumanus*, *M. rattus*, *Myoxus quercinus*, *Sciurus vulpinus*.
- monticellii* Porta, 1904a, 3—4, figs. 4—6 (in *pesce teleosteo*; Wimereaux); 1905, 180—181, fig. 23, a—c (in *P. t.*).
- morinelli* Rud., 1819a, 78 (in *Charadrius morinellus*; C. E. V.).—Dies., 1851a, 31 (so. *lancea*).—Lühe, 1905b, 258, 325.—Marval, 1905a, 296 (so. l.).—Westrumb, 1821a, 26 (so. l.).
- motacillæ-atricapillæ* Rud., 1819a, 77 (in *Motacilla atricapilla*; C. E. V.).—Dies., 1851a, 42 (so. *fasciatus*).—Lühe, 1905b, 205, 258—259.—Marval, 1905a, 249, 251 (so. *cylindraceus*).—Westrumb, 1821a, 27 (so. f.).
- murænx* Westrumb, 1821a, 42 (so. *eperlani*) (error for *marænx*).—Lühe, 1905a (b), 259.
- murænx* Bosc, 1802a, v. 2, 10 (in *la murène*, cf. *Osmerus eperlanus*; Martin, 1780).—Lühe, 1905a (b), 259, 331 (cf. *Acanthrus sipunculoides*).
- muriei* Cobbold, 1879b, 427 (in *Balænoptera musculus*; by Murie).
- muris* Schrank, 1788a, 21 (in *Mus musculus*; by Bork, cf. Gœze, 1782a, 138, pl. 9B fig. 12).—Dies., 1851a, 54 (s. *Pseudoechinor.*, *Hæruca muris*) (in *M. m.*).—Duj., 1845a, 502—503.—Linst., 1878a, 22 (in *M. m.*).—Lühe, 1905b, 150, 259—260, 321 (=type of *Ps.=H.=Cysticercus fasciolaris*).—[Muell., 1878a, 56].—Porta, 1908, 282 (so. c. f.) (in *M. m.*).—Rud., 1809a, 302—304 (s. P., *H. m.*, *H. muscoli*, *H.*) (in *M. m.*); 1819a, 76 (in *M. m.*).—Stiles, 1906 (25), 44.—Stiles & Stev., 1905a, 11 (so. *Tænia teniaeformis*).—Westrumb, 1821a, 39—40.
- muscipapæ* Rud., 1819a, 77 (in *Muscicapa collaris*; C. E. V.).—Dies., 1851a, 34 (so. *dimorphoc.*).—Lühe, 1904f (1905b), 199—200, 205; 1905a (b), 260—261 (so. d.).—Marval, 1905a, 250, 251 (so. *cylindraceus*).—Westrumb, 1821a, 17 (renamed *dimorphocephalus*).
- mustelæ* Rud., 1819a, 75—76, 335 (in *Mustela vulg.*; *Mus. Wien*).—Dies., 1851a, 22 (so. *napeiformis*).—Lühe, 1905a (b) 261 (in *M. v.=Putorius (Ictis) nivalis*).—Westrumb, 1821a, 39.
- mutabilis* Rud., 1819a, 669—670 (in *Ardea egretta*, *A. nycticorax*, *A. virescens*, *Platalea ajaja*, *Sterna minuta*; Brazil).—Dies., 1851a, 45 (so. *striatus*).—Lühe, 1904f (1905b), 206, 234; 1905a (b) 261—263, 308, 323.—Marval, 1905a, 318, 321 (so. st.).—Westrumb, 1821a, 30 (so. st.).
- mysticeti* Ben., 1870a, 348 (in *Balæna mysticetus*; Phipps, 1775).—Cobbold, 1879b, 427 (probably so. *porrigens*).
- napeiformis* Rud., 1802a, 47—48 (*Hæruca erinacei* renamed) (in *Erinaceus europæus*; by Rud.).—1809a, 254—255 (s. *H. e.*) (in *E. e.*); 1819a, 64 (in *E. e.*; Greitsw.).—Cobbold, 1879b, 295.—Dies., 1851a, 22 (s. *subcutaneus*, *citilli*, *mustelæ*, *kerkoideus*, *H. e.*) (in *Arctomys citillus*, *E. e.*, *Mustela vulg.*; G., *M. C. V.*).—Duj., 1845a, 500 (dans le cœcum d'un *hérissou*; G., *Wien*).—Linst., 1878a, 15 (in *E. e.*).—Lühe, 1904f (1905b), 202, 203; 1905a (b) 263 (see *erinacei*) (= *H. e.*).—Olfers, 1816a, 50.—Porta, 1908, 280 (so. e.).—Seur., 1913, 130.—Westrumb, 1821a, 8.—Zed., 1803a, 150 (in *E. e.*).—Also reported for *Fœtorius vulg.*, *Spermophilus citillus*.
- nardoi* Mol., 1859h, 15 (in *Belone acus*; Padua).—Linst., 1878a, 234 (in *B. a.*).—Porta, 1905, 192—193, 203, fig. 35, a—c (in *B. a.*).
- ninnii* Stoss., 1891d (e), 112 (4), pl. 1 fig. 5 (in *Putorius vulg.*; Venice).—Also reported for *Fœtorius putorius*.
- nitzschi* Gieb., 1866a, 87—88 (in *Balistes aculeatus*; by Gieb.).—Porta, 1905, 198 (in *B. a.*).

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- nodosus* Rud. — Wyman, 1843a, 95–96 (in *Labrax lineatus*), 97 (? for *nodulosus*).
- nodulosus* Schrank, 1790a, 124 (in *Silurus glanis* [t. h. is *Cyprinus dobula*; teste Zed.]); 1803, 219–220.—Baird, 1853a, 63 (= *proteus*).—Bellingh., 1844, 257.—Bennet & Olivier, 1826a, 35 (in *C. barbi*, *C. idus*, *C. jesus*, *C. brama*).—Brems., 1824a, 131.—Burm., 1856a, 219.—Cobbold, 1879b, 475, fig. 84, 2, 3.—Crep., 1839, 284.—Dies., 1851a, 52 (so. p.).—Fisch., 1840, 156.—Hofer, 1904a, 232, fig. 155.—Kaiser, 1893b, 1.—Krøyer, 1838–40a, 609; 1843–45a, 184; 1846–53a, 333, 349, 367, 387, 410, 434, 462, 471, 537; 1852–53a, 1222, 1223, 1224, 1225 (in *Abramis brama*, *A. vimba*, *Barbus fluv.*, *Gobio fluv.*, *Lota vulg.*, *Leuciscus erythrophth.*, *L. idus*, *L. dobula*, *Phoxinus aphyia*, *Tinca vulg.*).—Lühe, 1904f (1905b), 181, 183, 232, 237; 1905a (b), 263–264, 372, 313 (=p.) (so. *lævis*).—Olfers, 1816a, 51.—Porta 1905, 193 (so. p.).—Rud., 1802, 61–62; 1809a, 262, 287–290, 312, 313, pl. 4 fig. 4 (s. *lævis*, annularis, salmonis-truttæ) (in *Cyprinus jesus*, *C. dobula*, *C. vimba*, *C. erythrophth.*, *C. tinca*, *C. brama*, *Gadus callarias*; by Zed.); 1819a, 72–73, 80, 81, 328–329, 672 (in *C. b.*, *C. b. r.*, *C. idus*, *C. j.*, *C. phoxinus*, *C. d.*, *C. e.*, *C. g.*, *C. t.*, *C. v.*, *G. c.*, *G. lota*; Greifsw., *C. E. V.*).—Westrumb, 1821a, 37, 52 (so. p.).—Zed., 1800a, 110–111 (in *intestinis Cyprinorum*, præsertim *dobulæ*), 134–137 (s. *dobulæ*) (in *C. d.*; by Goeze); 1803a, 156 (in *C. d.*).
- novellæ* Par., 1890d, 396–398 (1–3), figs. 1–4 (in *Artibeus perspicillatus*; Porto Rico).—von Ihering, 1902a, 45 (in *A. sp.*).—Porta, 1908, 269 (in *A. p.*; Brazil).
- nyctæ* Marval, 1904, 573; 1905a, 217, 219 (so. *aluconis*).—Lühe, 1905a (b), 264–265 (for *nyctæ*).
- nyctæ* Schrank, 1788a, 22–23 (in *Strix stridula*; Goeze, 1782a, 153, pl. 11 figs. 8–12).—Dies., 1851a, 37 (so. *tuba*).—Cond.-Franc., 1892, 225.—Lühe, 1904f (1905b), 163, 169, 216, 218; 1905a (b), 265, 308, 320 (cf. *nyctæ*, *strigis*).—Rud., 1809a, 275 (so. t.).—Westrumb, 1821a, 23 (so. t.).
- obesus* Linst., 1902a, 229, figs. 21–23 (in *Oriolus sp.*; S. A.).—Marval, 1905a, 204, 211, 307–308, pl. 4 figs. 153–155; 1905b, 307 (in *O. sp.*).
- obligacanthus* Shipley, 1903l, 149 (misprint for *oligacanthus*).
- obliquus* Duj., 1845a, 515 (in *Certhia fam.*; Rennes).—Dies., 1851a, 38 (in *C. f.*; R.).—Linst., 1878a, 95 (in *C. f.*).—Lühe, 1905b, 207, 339.—Marval, 1905a, 250, 251, 255, 256 (so. *cylindraceus*).—Mol., 1861c, 265.
- obovatus* Rud., 1810a, 290 (see *ovatus*); 1819a, 73 (so. *ov.*) (in *intest. Cyprinorum*, *Esocis lucii*, *Gadi lotæ*, *Salmonis truttæ*; by Zed.).
- obovatus* Olss., 1893a, 37, pl. 5 fig. 77 (in *Mergus serrator*; Bergen).
- œdicnemi* Rud., 1819a, 78 (in *Charadrius œdicnemus*; C. E. V.).—Lühe, 1905a (1905b), 265, 325.
- œdicnemonis* Dies., 1851a, 31 (so. *lancea*) (for *œdicnemi*).—Marval, 1905a, 296 (so. *lancea*).
- œdienemi* Westrumb, 1821a, 26 (so. *lancea*) (for *œdicnemi* Rud. 1819).
- oligacanthoides* Rud., 1819a, 64–65, 311–312, 587, 666 (in *Coluber olivaceus*; Brazil).—Dies., 1851a, 24–25 (in *Boa constrictor*, *Bothrops jararaca*, *B. neuwiedii*, *Coluber lichtensteini*, *Dryophylax nattereri*, *Elaps corallinus*, *Erythrophis venustissimus*, *Falco bidentatus*, *F. milvovides*, *Hydroscopus plumbeus*, *Ophis cœruleus*, *O. merremii*, *Philodryas olfersii*, *Pseudophis cinerascens*; B., M. C. V.).—Duj., 1845a, 526 (in *C. olfersii*; B.).—Fuhm., 1908, v. 10 (1), 22, 23 (in *Busarellus, Harpagus*).—von Ihering, 1902a, 46 (in *Bus.*, *Harp.*).—Linst., 1878a, 183 (in *Elaps corallinus*, *Phil. olf.*); 1888, 240.—Lühe, 1904f (1905b), 238, 239, 240; 1905a (b), 255–256 (in *C. olf.*), 265–266.—Marval, 1905a, 198, 338, 339, 340, 351, 352 (so. *Gigantor. compressus*).—Mont., 1887a, 29.—Shipley, 1903l, 149 (in *snakes*).—Westrumb, 1821a, 5.
- oligacanthus* Rud., 1819a, 64, 311 (in *Coluber quadrilineatus*; Florence).—Dies., 1851a, 24 (in *Elaphe quadrilineata*; Fl.).—Linst., 1878a, 189 (in *Elaphe quad.*); 1888, 241.—Lühe, 1905b, 240, 266.—Marval, 1905a, 198, 338, 340, 351 (so. *Gigantor. compressus*).—Rizzo, 1902, 39 (in *Gongylus ocellatus*).—Shipley, 1903l, 149 (*obligacanthus*) (in *snakes*).—Westrumb, 1821a, 5.—Also reported for *Vipera berus*.
- oncicola* von Ihering, 1902a, 45 (in *Felis onca*; Bahurû, S. Paulo); 1905, AN, v. 2 (3), 49.—Porta, 1908, 269 (in *F. o.*; Brazil).
- orestia* Nev.-Lem., 1905d, 31–32 (in *Orestias tschudii*; lac Titicaca); 1905g, 258–259, fig. 2 (in *O. t.*; L. T.); 1906, in 1–140; 1909, 109–110, fig. 7.

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- oricola* Linst., 1901e, 279, figs. 12-14 (in *Grystes salmonoides*; New York).—Porta, 1905, 170, figs. 28, a-c (in G. s.).
- orioli* Rud., 1819a, 77 (in *Oriolus galbula*; C. E. V.) (cf. E. sp. Brems., 1811, 26).—Dies., 1851a, 32 (so. sigmoideus), 55 (in *Icterus cristatus*; Brazil).—Fuhrm., 1908, v. 10 (1), 22 (in *Ostinops*).—von Ihering, 1902a, 46 (in *Ost. sp.*).—Lühe, 1905a (b), 266, 301 (=sig.) (in O. g.=O. oriolus).—Marval, 1905a, 205, 216, 229 (so. areolatus), 363 (in O. decumanus, O. sp.).—Westrumb, 1821a, 15 (so. sig.).
- orioli* Westrumb, 1821a, 40 [nec Rud.] (for *orioli-cristati*) (in *Oriolus cristatus*; Brazil).—Lühe, 1905b, 267 (see o. c.).
- orioli-cristati* Rud., 1819a, 673 (in *Oriolus cristatus*; Brazil).—Lühe, 1904f (1905b), 159; 1905a (b), 266, 267 (=orioli) (in *Icterus cristatus*=*Ostinops c.*).
- otidis* Schrank, 1788a, 23 (in einer bunten Ohreule, *Asio otus*; Goeze, 1782a, 154, pl. 11 fig. 13).—Dies., 1851a, 38 (so. æqualis).—Gmel., 1790a, 3045 (in *Pisorhina scopis*).—Lühe, 1905b, 163 (cf. æq.), 267-268.—Marval, 1905a 217, 219 (so. aluconis).—Rud., 1809a, 277 (so. æq.).—Westrumb, 1821a, 23 (=æq.).
- otidis* Marval, 1905a, 213, 305-307, 334, 355, pl. 1 figs. 41-42, pl. 2 figs. 44-44a, 59 (for *otidis-houbaræ*) (in *Houbara macqueenii*, *Otis sp.*).
- otidis-houbaræ* Dies., 1851a, 56 (in *Otishoubara*; Switz.).—Miesch., 1841, 75-76).—Linst., 1878a, 136 (in O. h.); 1879, 337; 1889, 50.—Marval, 1905a, 204, 305 (so. *otidis*).—Schinz, 1841, 75-76.
- ovatus* Zed., 1800a, 118, 137-139 (in *peritonæo piscium Cyprinorum*, *Esoc. lucii*, *Salmon. Truttae*; by Zed.); 1803a, 157 (in *Cyprinus*, *Esox lucius*, *Gadus lota*, *Salmo trutta*).—Baird, 1853, 64 (so. *proteus*).—Crep., 1839, 284.—Dies., 1851a, 52 (so. p.); 18 59, 741-742.—Krøyer., 1838-40a, 609; 1843-45a, 184; 1846-53a, 253; 1852-53a, 1221 (in E. l., *Lota vulg.*).—Lühe, 1904f (1905b), 153, 237; 1905a (b), 268-269, 302, 313 (cf. *lævis*).—Porta, 1905, 193 (so. p.); Rud., 1809a, 290-291 (in C., E. l., G. l., S. t.); 1819a, 73 (so. *obovatus*) (in C., E. l., G. l., S. t.).—Westrumb, 1821a, 37 (so. p.).
- ovatus* Leidy, 1850b, 97 (in *Felis leopardus*; by Leidy); 1856b, 48 (so. *campanulatus*); 1904a, 32-33, 91.—Linst. 1878a, 31 (in F. *pardus*).—Porta, 1908, 269 (so. *pardalis*).
- ovocristatus* Linst., 1897i, 34, pl. 5 figs. 25-26 (in *Centetes ecaudatus*; Madagascar).—Porta, 1908, 268-269 (in C. e.; M.).
- pachyacanthos* Sons., 1889c, 231 (for *pachyacanthus*).
- pachyacanthos* Sons., 1889c, 228-229, 231-232 (also *pachyacanthos*) (in *Canis aureus*, *Megalotis cerdo*; Egypt); 1895, 124.—Linst., 1889a, 138 (in C. a.).—Marval, 1905a, 210, 365.—Porta, 1908, 277 (so. *Gigantor. hirundinaceus*).
- pachysomus* Crep., 1839a, 284 (s. *salmonis*) (in Lachs; by Crep.).—Cobbold, 1879b, 477 (in *Salmonidæ*).—Dies., 1851a, 41 (s. s., *inflatus*, *fusiformis*).—Duj., 1845a, 539-540 (in *Salmo salar*; Greifsw.) (s. s., *infl.*).—Hofer, 1904a, 235 (in *Trutta salar*).—Kaiser, 1893b, 3, 134.—Krøyer., 1838-40a, 615 (in S. s.).—Linst., 1878a, 264 (in T. s.).—Lühe, 1905b, 298, 339 (=s. 1784).—Müeh., 1898, 55.—Olss., 1893a, 33 (in *Coregonus lavaretus*, *Zoarces viviparus*).—Porta, 1904, 2-3 (in T. f.); 1905, 158, 172-173, 202, fig. 25 a-c (s. s., *infl.*) (in C. l., T. f., T. s.).—Schneid., 1903, 26.
- pardalis* Westrumb, 1821a, 39 (in *intest. Felis pardalis*; Brazil).—Dies., 1851a, 22 (so. *campanulatus*).—Lühe, 1905b, 159, 166, 269 (=c.).—Porta, 1908, 269 (in F. *concolor*, F. *onça*, F. *mellivora*, F. *mitis*, F. *pardus*, F. *tigrina*; B.).
- pardi* Huxley, [nv.].—von Ihering, 1902a, 45 (in *Felis sp.*).—Porta, 1908, AdP, v. 12, 282 (in F.).
- pari* Rud., 1819a, 77 (in *Parus major*; C. E. V.).—Dies., 1851a, 55 (in P. m.; M. C. V.).—Linst., 1878a, 96 (in P. m.).—Lühe, 1905b, 269.—Marval, 1905a, 205, 216, 363 (in P. m.).—Westrumb, 1821a, 41.
- paronai* Cond.-Franc., 1898a, 2, 4, 15, 17 (in *intest. Gobijs avernensis*; Rome).—Porta, 1905, 164-165, 202, fig. 11, a, b (in G. a.).
- parvus* Fuhrm., in Wolffh., 1900a, 10, 18, 19, 45, 46 (in *Cuculus canorus*, *Coccothraustes vulg.*, *Sturnus vulg.*, *Turdus merula*; Europe).—Lühe, 1905b, 206, 339.—Marval, 1905a, 249, 251 (so. *cylindraceus*).

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- patani* Shipley, 1903l, 149–150, 156, pl. 16 figs. 9–10 (in *Dipsadomorphus dendrophilus*; Patan, Lower Siam).—Porta, 1911, 378.
- paucihamatus* Leidy, 1891a, 413 (in *Micropterus nigricans*; Leidy); 1904a, 234.
- pellucidus* Leuck., 1828a, 23, fig. 6, a–b [nv.].—Ben., 1870, 359.—Cobbold, 1879b, 428.—Dies., 1851a, 44.—Leidy, 1891a, 413 (in *Mesoplodon sowerbiensis*).—Linst., 1878a, 60 (in *Delphinus delphis*).—Mol., 1861c, 268.—Mont., 1900c, 37; 1905, 1, 2, 3 (so. *aurantiacus*) (in D. d.).—Porta, 1904, 3 (so. a.); 1905, 181, 183 (so. a.); 1906, 267, 269 (in D. d.); 1908, 273 (so. *Bolbosoma aurantiacum*).—Shipley, 1899, 264, 265, 268, fig. 4.—Stiles & Hass., 1894e, 352 (in M. s.).—Villot, 1875, 467 (in D. d.).
- perceæ* Gmel., 1790a, 3048 (in *Perca fluvi.*; Pall., 1766, 415, and Müell., 1780, v. 1, 205).—Baird, 1853a, (=angustatus).—Bennet & Olivier, 1826a, 35.—Bosc, 1802a, v. 2, 9.—Dies., 1851a, 43 (so. ang.).—Lühe, 1905b, 153, 164, 246, 269–272 (cf. *affinis*, ang.).—Porta, 1905, 174 (so. ang.).—Rud., 1793a, 21; 1809a, 268 (so. aff.).—Westrumb, 1821a, 26 (of *Zed.* so. ang.).—Zed., 1800a, 126–128.
- perceæ-cernuæ* Brug., 1791a, 110, pl. 38 figs. 6–9 (in *Perca cernua*; quotes Müell.).—Lühe, 1905b, 272 (in P. c. = *Acerina c.*).—Viborg, 1795, 243 (in P. c.).
- perceæ-fluviatilus* Viborg, 1795, 244 [nv.].—Lühe, 1905a (b), 272.
- perforator* Linst., 1908, v. 37, 4–5, pl. 1 figs. 5–8 (intest. *Diptychus dybowskii*. *Schizothorax pseudoaksaiensis issykkuli*, *Squalius schmidtii*; Issyk-Kul-See); 1910, AN (for 1907), v. 2 (3), 36 (in D. d., S. p. i., S. s.).—Lühe, 1912, v. 1, 273.
- phocæ* (Fabr., 1780) Gmel., 1790a, [3030,] 3044 (in *Phoca groenlandica*, *P. hispida*, *P. vitulina*; Müell.; Fabr.; Geze, 1782a, 73, pl. 2 figs. 9–10).—Bosc, 1802a, 5.—Duj., 1845a, 274 (so. *Ophist. dispar*).—Lühe, 1905b, 272 (cf. *Asc. neitsil*).—Rud., 1809a, 119 (=O. d.).—Zed., 1803a, 160 (in P. g., P. h.).
- phocæ-vitulina* Viborg, 1795, 243 [nv.].—Lühe, 1905b, 272 (in *Phoca vitulina*) (so. *strumosus*).
- phocæ-vitulinaæ* Viborg, 1795, 243 [nv.].—Rud., 1809a, 294 (so. *strumosus*).
- phœnix* Schneid., 1903b, 4, 22, 23, 24, 25–27, fig. 10 (in *Abramis vimba*, *Anguilla vulg.*, *Clupea harengus membras*, *Coregonus lavaretus*, *C. widegreni*, *C. albus*, *Esox lucius*, *Gadus morrhua*, *Leuciscus idus*, *Pleuronectes flesus*, *Rhombus maximus*, *Salmo salar*, *S. trutta*, *Zoarces viviparus*; ? larva in *Pontoporeia affinis*; Gulf of Finland) (s. *pachysomus* of Kessler).
- physocoracis* Porta, 1913, NC, v. 1 (3), 167–168, pl. 6 figs. 1a–1f (in *Physocorax moneduloides*; New Caledonia).
- picæ* Rud., 1819a, 76 (in *intest. Corvi picæ*; C. E. V.).—Dies., 1851a, 27 (so. *teres*).—Cond.-Franc., 1893, 80.—Lühe, 1905b, 272, 313 (so. t.).—Marval, 1905a, 328, 330 (so. t.).—Westrumb, 1821a, 18 (renamed *teres*).
- pici* Gmel., 1790a, 3045 (cylindraceus renamed) (in *Picus erythrocephalus*, *P. viridis*; Geze, 1782a, pl. 11 fig. 1).—Bosc, 1802a, v. 2, 6 pl. 11 fig. 1 (intest. du pic à tête rouge et du pic vert).—Brug., 1791a, 108, pl. 37 figs. 8–12. A (in *Pici erythrocephali et viridis intestinibus*).—Dies., 1851a, 42 (so. c.).—Lühe, 1905b, 206, 272.—Marval, 1905a, 249, 251, 253 (so. c.).—Rud., 1809a, 272 (=c.).—Westrumb, 1821a, 27 (=c.).
- pici-colaris* Leidy, 1904a, 91 (for *pici-collaris*).
- pici-collaris* Leidy, 1850b, 98 (in *Picus collaris*; lng.); 1856b, 48 (renamed *manifestus*); 1904a, 33, 91 (*pici-collaris*) (in P. c.).—Lühe, 1905b, 239, 339 (=m.).—Marval, 1905a, 337, 339, 348 (so. *Gigantor. compressus*).
- pigmentatus* Fuhrm., in Wolffh., 1900a, 10, 23, 25, 26, 27, 28, 29 (in *Corvus corone*) [nomen nudum except for host].
- pigmentatus* Marval, 1902a, 419–420 (in *Corvus corone*) (s. *pigmentatus*, 1900); 1905a, 250, 251, 260 (so. *cylindraceus*).—Lühe, 1905b, 206, 339.
- piriformis* Marval, 1904, 579 (for *pyriformis* Brems.); 1905a, 204, 210, 284, 308–310, 319, pl. 1 figs. 29, 30, 35, 36 (in *Turdus merula*).—Elmhirst, 1912, 90 (in T. m.; Scotland).—Lühe, 1905b, 273, 289 (=pyrif.).—Rennie, 1907, 443, 444, 445, fig. 2; 1909, 41, 42, 43, fig. 2 (in T. m.).
- piscinus* Zed., 1800a, 132–134 (in *Darmkanal aller hieländischen Karpfenarten, der Lachstorelle, des Aals und der Aalraupe (Gadus lota)*; by Zed.).—Baird, 1853a, 63 (so. *proteus*).—Dies., 1851a, 52 (so. pr.).—Lühe, 1905b, 237, 264, 273, 313 (so. *lævis*).—Porta, 1905, 193 (so. pr.).—Rud., 1809a, 285 (=tereticollis).—Westrumb, 1821a, 37 (so. pr.).

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- plagicephalus* Westrumb, 1821a, 17 (s. *husonis*, *rutheni*). pl. 1 fig. 10 (in *Acipenser huso*, A. *ruthenus*; Wien).—Dies., 1851a, 35 (s. h., r.); 1859, 746.—Duj., 1845a, 542.—Hofer, 1904a, 235 (in A. r., A. *sturio*).—Linst., 1878a, 275 (in A. glaber); 1901, 277.—Lühe, 1905b, 162, 273 (s. h., *acipenseris*, r.); 1911a, 22, 58–59, figs. 78–79 (in A. g., A. h., A. r., A. *stellatus*, A. s.).—Mol., 1858, 142; 1861c, 263–264, pl. 8 figs. 4, 10 (in A. g., A. h., A. r., A. s.).—Müh., 1898, 55.—Porta, 1905, 168–169, 202, fig. 21 (s. h., r.) (in A. g., A. h., A. r., A. *stel.*, A. *stur.*).—Skrj., 1913, 410.—Stoss., 1890, 44; 1898, 138–139 (in A. *stur.*; Trieste).
- platessæ* Rud., 1809a, 310 (in *Pleuronectes platessa*; Müell., 1780, 207); 1819a, 79–80 (in P. p.).—Dies., 1851a, 57.—Linst., 1878a, 246 (in *Platessa vulg.*).—Lühe, 1905b, 273.—Porta, 1905, 174 (so. *angustatus*).—Westrumb, 1821a, 42.
- platessoida* Bosc, 1802a, v. 2, 9 (for *platessoidæ*; quotes Müell., pl. 74 fig. 5; in *plie*).—Lühe, 1905b, 274 (so. *platessoidæ*).
- platessoidæ* Gmel., 1790a, 3048 (for *Asc. pleuronectis*) (in *Pleuronectes platessoides*; Greenland).—Dies., 1851a, 57 (so. *pleuronectis-platessoides*).—Lühe, 1905b, 274, 332.—Rud., 1809a, 310 (so. *pl.-plat.*); 1819a, 80 (in P. p.).—Westrumb, 1821a, 42.—Zed., 1803a, 162 (in P. p.).
- platessoidæ* Bennet & Olivier, 1826a, 35 (in *Pleuronecta platessa*).
- platessoidis* Porta, 1905a, 196 (for *platessoidæ*) (so. *pleuronectis-platessoidis*).
- pleuronectes* Bosc., 1802a, 9 (for *pleuronectis*).—Lühe, 1905b, 274–275.
- pleuronectis* Gmel., 1790a, 3047 (in *Pleuronectes maximus*, *Rhombus maximus*; Müell., 1780, 150).—Lühe, 1905b, 274–275 (s. *pleuronectes*, *pleuronectis-maximi*) (in *Rhombus maximus*; by Müell.).—Rud., 1809a, 310.—Westrumb, 1821a, 41 (= *pl.-max.*).
- pleuronectis-maximi* Rud., 1809a, 310 (for *pleuronectis*) (in *Pleuronectes maximus*; Müell., 1780b, 150); 1819a, 79.—Dies., 1851a, 57 (in *Rhombus maximus*).—Linst., 1878a, 244 (in R. m.).—Lühe, 1905b, 159 (*pleuronectes-maximi*), 275 (so. *pl.*).—Porta, 1905, 196 (in R. m.).—Westrumb, 1821a, 41.
- pleuronectis-platessa* Viborg, 1795, 243 (in *Pleuronectes platessa*) [nv.].—Lühe, 1905b, 275.
- pleuronectis-platessoidæ* Rud., 1809a, 310–312 (*Asc. pleuronectis* renamed); (s. *platessoidæ*, *Proboscidea pleuronectis*) (in *Pleuronectis platessoidæ ventriculo*; by Fabr.).—Lühe, 1905b, 274, 275 (s. *plat.*).
- pleuronectis-platessoides* Dies., 1851a, 57 (s. *pl.-platessoidæ*, *Asc. pleuronectis*) (in *Pleuronectes platessoides*; by Müell.).—Linst., 1878a, 245 (in *Platessa flesus* Cuv.) (*pl.-platessoidis*).
- pleuronectis-platessoidis* Linst., 1878a, 245 (for *pl.-platessoidæ*) (in *Platessa flesus*).—Porta, 1905a, 196 (s. *Asc. pleuronectis*, *platessoidis*) (in *Platessa flesus*).
- plicatus* Linst., 1883a, 304–305, fig. 46 (in *Emberiza caniceps*, *Petroeca cyanea*, *Saxicola oenanthe*, *Turdus merula*; Turkestan); 1889a, 35.—Marval, 1905a, 204, 209, 210, 211, 311–312, pl. 4 figs. 145, 146 (in *Elainea caniceps*, *P. gracilis* S. o., T. m., *Pratincola rubicola*).
- polyacanthoides* Crep., 1825a, 24–25 (in *Falco milvus*; by Barkow); 1829b, 45.—Dies., 1851a, 30 (so. *globocaudatus*).—Duj., 1845a, 506.—Cond.-Franc., 1892, 225.—Gurlt, 1845 (so. *aluconis*).—Lühe, 1905b, 169, 340; 1911a, 41.—Marval, 1905a, 218, 219, 226.—Mehl., 1831, 169–171.
- polyacanthus* Crep., 1825a, 22–24 (in *intestino Falconis fuscoatri*; by Schill.); 1829, 45–48.—Cond.-Franc., 1893, 79, 80.—Dies., 1851a, 31 (so. *caudatus*).—Duj., 1845a, 506–507.—Lühe, 1905b, 169, 340; 1911a, 41.—Marval, 1905a, 240, 241, 244 (so. *buteonis*).—Mingazzini, 1900, 154.—Rizzo, 1902, 38–39 (in *Coluber viridiformis*, *Lacerta viridis*, *L. agilis*, *Seps chalcides*, *Tropidonotus natrix*).—Sieb., 1839, 160.
- polymorphus* Brems. in Rud., 1819a, 672 (cf. *filicollis*, *versicolor*).—Andres Angelo, 1878, 585.—Bail., 1866b, 88.—Baird, 1853a, 62 (s. *anatis-mollissimæ*, *borealis*, *fil.*, *minutus coccineus*, *anatis-boschadis*, *boschadis*, *anatis* Gmel., *merulæ*, *minutus*, *vesiculosus*, *constrictus*, *tenuicollis*, *collaris*, *vers.*, *anatum*, *Sipunculus lendix*).—Braun, 1891b, 375–380.—Crep., 1839, 285; 1846, 138 (in *Anser aegyptiacus*).—Dewitz, 1892b, 179, fig. 141.—Dies., 1851a, 49–50 (s. *anatis* Gmel., *bor.*, *torquatus*, *boschadis*, *an.-mol.*, *ten.*, *ves.*, *col.*, *constrictus*, *min.*, *vers.*, *fil.*, S. l.); 1859, 750.—Duj., 1845a, 523–525.—Fiebiger, 1912a, 305.—Fourm., 1883, v. 7 (1), 53–55 (*encystation*).—Gedølst, 1903,

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- 60.—Greef, 1864a, 98–140, pls. 2–3.—Grimm, 1872.—Hamann, 1892d, 195.—Hempelmann, 1912a, 109.—Hut. & Mar., 1906a, 409; 1910b, 516; 1913a, 2, 518.—Jassey, 1820a, 1–28.—Kaiser, 1893a, 1, 20, 24, 38, 89, 107, 118, 125; 1893b, 2, 17, 29, 41, 42, 59, 74, 79, 92, 108, 110, 117, 126, 127, 133, 145, 147.—Kowal., 1894, 7; 1896d, 8 (in *Fuligula marila*; Dublany).—Leuck., 1876a, 735, 742, 744, 745, 772, 776, 792, 804, 808, 813, 817; 1879a, 102; 1886d, 76.—Linst., 1878a, 139 (in *Astacus fluvi.*, *Gallinula chloropus*); 1889a, 112; 1901, 277; 1903, 277; 1905, 359.—Lühe, 1905b, 151, 166, 171, 208, 210 (pars cf. *anatis* Schrank nec Gmel.), 243, 275–282, 304, 307, 311, 326, 340 (pars Brems. of *Marval n. sp.?*, pars cf. fil.).—Luther, 1904, v. 31, 31 (in *Gammarus locusta*); 1906, v. 30, 30–31, 217; 1907, v. 14 (6), 165.—Marotel, 1899, 300.—Marval, 1905, 201, 234, 236, 237, 238, 239, 240, 263, 265, 266, 269, 270, 321, 322, 323, 327 (pars so. *anatis*, pars of fil.).—Mol., 1861c, 272.—Mordw., 1908, v. 13 (1–2), 138.—Mueh., 1898, 55.—Nev.-Lem., 1905, 32 (in *G. pulex*); 1912a, 845.—Olss., 1893a, 32 (in *Anser cinereus*).—Par., 1899, 16; 1899, 100 (s. *longicollis*) (in *Fulica atra*; *Portofofajajo*); 1902, 17 (s. *long.*) (in *F. a.*).—Porta, 1905, 184, 185.—Rabieaux, 1900, 19.—Rail., 1893a, 569 (s. *boschadis*, an. Schrank, ves., col., vers.).—Rud., 1819a, 672.—Schlotthauber, 1860, 130.—Schneidem., 1896, 325.—Sl. & Sw., 1912a, 415.—Stiles & Hass., 1894c, 352 (in *Somateria dresseri*).—Stoss., 1891, 113 (5) (in *Cygnus olor*; Trieste); 1891, 219.—Van Cleave, 1916, 131, 132, 133.—Verrill, 1870, 179.—Villot, 1875, 472, pl. 13 fig. 12 (s. min.) (in *Tringa alpina*).—Walley, 1886, 230.—Wehrmann, 1909a, 207, 211–219, 220, 223, 229, 233, 234, figs. 2–4 (in *Anas boschas dom.*, A. b.).—Westrumb, 1821a, 33–36, 45, 46, 47, 48, 49, 50, 52, 56, 58, pl. 3 figs. 8–15.—Wolffh., 1900, 10, 57, 59, 60, 61.—Also reported for *Anas boschas fera*, A. *acuta*, A. *glacialis*, A. *tadorna*, A. *leucophthalma*, A. *crecca*, A. *penelope*, A. *sponsa*, *Anser ægyptiacus*, A. *cinereus dom.*, *Cygnus sp.*, *Colymbus minor*, *Fuligula marila*, *F. cristata*, *F. nyroca*, *F. rufina*, *Mergus merganser*.
- pomatostomi* Johnst. & Cleland, 1912, JPRS, v. 45, 111–114, 4 figs. (in *Apheloccephala leucopsis*, *Climacteris wellsi*, *Hylacola pyrrhopygia*, *Pomatostomus frivulus*, *P. rubeculus*, *P. superciliosus*; Australia).—Johnst., 1912, Emu, v. 12, 109, 110 (in A. l., C. w., H. p., P. f., P. r., P. s., *Pachyc. gilberti*; Australia).
- porrigens* Rud., 1814a, 98 (in *Balæna rostrata*; Berl. Mus.); 1819a, 71, 325–327, 587, 672, pl. 1 figs. 4–5 (in B. r.).—Barker, 1866, v. 4, 293, 294 (in *Balænoptera rostrata*).—Ben., 1870, 356.—Borgstrom, 1892a (1895), 1–60, figs. 1–54.—Brems., 1824c, pl. 7 fig. 1.—Cat. RCSL, 1830, 44 (in B. mysticetus).—Cobbold, 1866b, 13 (in B. m.); 1879b, 427.—Crep., 1839a, 284.—Dies., 1851a, 53–54 (s. *balænae*, *Sipunculus lendix*) (in *Balæna borealis*; M. C. V.); 1859, 751.—Duj., 1845a, 504.—Hamilton, 1915, 141 (in B. *musculus*, B. *sibbaldii*, *Megaptera longimana*).—Jagers., 1891, 128, 129, 132, 134.—Kaiser, 1893a, 2, 15–16, 21, 27, 30, 31, 32, 34, 35, 58, 60, 61, 69, 71, 76, 77, 91, 108, 111, 112, 113, 114, 115, 116, 118, 120, 124; 1893b, 6, 12, 14, 15, 16, 29, 42, 48, 51, 89, 90, 91, 92, 95, 96, 97, 99, 103, 105, 107, 126, 127, pl. 1 fig. 22, 25, pl. 6 fig. 26–28, pl. 8 fig. 37, pl. 10 fig. 14.—Leuck., 1876a, 742, 744, 745, 758, 772.—Linst., 1878a, 61 (in B. m.).—Lœnnb., 1891, 77.—Lühe, 1905b, 154, 283–287, 340 (of Kaiser cf. *turbinella*, *brevicollis*).—Marval, 1905a, 265.—Mont., 1887, 19.—Olfers, 1816a, 51.—Porta, 1906, 235 (of Kaiser, cf. *brevicollis*), 244, 245, 247, 255, 256, 260, 262, 267 (in B. *rostrata* [= *Balænoptera borealis*]), 269; 1908, 4, 5, 274 (of Kaiser so. *Bolbosoma turbinella*).—Shiple, 1896, 183; 1899, 262, 265, 266, 268, 269; 1900, 208; 1900, 439.—Westrumb, 1821a, 28–29, 47, 50, 51, 54, 55, 56, 57, 59, pl. 1 fig. 17, 18, pl. 2 fig. 25–33.
- pratextus* Mol., 1858d, 142 (in *Triton lobatus*; Padua); 1861c, 264–265, pl. 8 fig. 5 (in T. l.; p.).—Dies., 1859, 747.—Linst., 1878a, 205 (in T. l.).—Porta, 1908, 228, 229, 230 (so. *raue*).—Also reported for *T. punctatus*.
- pristis* Rud., 1802a, 64–65 (in *Esox belone*; [Greifsw.], by Rud.); 1809a, 299–300 (in E. b.); 1819a, 75, 333–334, 669, 672–673 (in intest. E. b., *Scomber scombrus*, S. *colias*; G., Rimini, Nap.).—Barbag. & Drago, 1903, 418 (in *Belone acus*, S. col.; Catania).—Dies., 1851a, 48 (so. *scombr*) (in *Belone acus*, at G.; *Coryphæna hippuris*, Brazil; S. *scom.*, at R.; S. col., at N.); 1859, 570.—Duj., 1845a, 534–535.—Kroy., 1838–40a, 236; 1846–53a, 273 (in *Belone rostrata*, S. *scom.*).—Linst., 1878a, 219; 1889a, 78 (in S. *colias*); 1901, 278.—Lint., 1891,

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530-531, pl. 4 figs. 31-38; 1901, 409, 443, 453, 457, 459 (Cynoscion regalis, Lobotes surinamensis, Palinurichthys perciformis, Tylosurus acus); 1905d, 325, 329, 330, 346, 355, 368, 377, 380, 384, 387, 392, 394, 398, 401, 411, 414, 416, pl. 2 figs. 8-11, pl. 3 figs. 12-14 (in Bairdiella chrysura, C. r., Dasyatis say, Fundulus majalis, Lagodon rhomboides, Leicostomus xanthurus, Lophopsetta maculata, Menticirrhus americanus, Micropogon undulatus, Monacanthus hispidus, Orthopristis chrysopterus, Paralichthys albiguttus, Pomatomus saltatrix, Symphurus plagiatus); 1907, 89; 1909 (102), 159.—Lühe, 1905b, 167, 287, 300, 312; 1912, v. 1, 278.—Mont., 1887, 25; 1905, 1 (of Zsch. = aurantiacus) (in Lepidopus caudatus).—Olfers, 1816, 51.—Porta, 1904, 3, 4 (in Atherina hepsetus) (of Zsch. so. aur.); 1905, 190-192, 202, fig. 51 a-c (s. scombrī, alosæ, subulatus, terebra) (in Alosa vulg., A. sardina, Box vulg., Brama rayi, Belone acus, B. vulg., Cor. hip., Exocoetis exsiliens, Gadus callarias, Lobotes surinamensis, Lepidopus argyreus, Pelamys sarda, Scom. colias, S. scombrus, Thynnus vulg., Tylosurus caribbæus).—Risso, 1826, 261.—Stoss., 1885, 163; 1886, 50; 1890, 44; 1891, 219; 1891, 113 (5) (in Thynnus vulg.; Trieste); 1892, 67; 1896, 135; 1898, 140; 1899, 2.—Wedl, 1855, 402-403, pl. 2b fig. 10.—Westrumb, 1821a, 32.—Zed., 1803a, 158-159 (in E. b.).

pristis tenuicornis Lint., 1891a, 531-632, figs. 39-53 (in Lobotes surinamensis, Tylosurus caribbæus; New England); 1900, 279; 1901, 443, 453, 457.

propinquis Duj., 1845a, 533-534 (s. globulosus, pars) (in Gobius aphyæ, G. jozo, G. niger, Pleuronectes linguatula, Sciaena umbra, Scorpaena scrofa, Sparus dentex, Sphyræna spet, Zeus faber; Europe).—Barbag. & Drago, 1903, 417-418 (in Anguilla vulg., G. j., G. n., Trigla lyra, Umbrina cirrhosa; Catania).—Cond.-Franc., 1898, 2, 3, 4, 15, 16-17.—Dies., 1851a, 28 (so. gl.) (in Dentex vulg., G. a., G. j., G. n., Solea vulg., Sph. spet, Umbrina vulg.; Rimini, Nap., Spezia).—Krøyer., 1838-40a, 603, 612 (in G. n., S. vulg.).—Linst., 1878a, 228; 1889a, 81 (in G. j., Trigla lineata); 1901, 278.—Lühe, 1905b, 174, 223, 340 (s. gl.).—Mont., 1887, 25.—Müch., 1898, 56.—Porta, 1904a, 1 (in Gob. minutus, Motella mustela, Sol. vulg.); 1905a, 159-160, 163, 164, 179, 202, fig. 5 a, b, c (s. gl., scorpenæ, fabri) (in Ang. vulg., Corvina nigra, D. vulg., Gadus euxinus, Gob. ap., G. avernensis, G. cruentatus, G. j., G. lata, G. min., G. n., G. paganellus, Labrax lupus, Lophius piscatorius, Mo. mus., Pagellus erythrinus, Raja asterias, Rhombus maximus, Scor. sc., S. sp., Solea vulg., Sphyræna vulg., Trachinus draco, Trigla corax, T. cuculus, T. hirundo, T. lineata, Umb. vulg.).—Sons., 1891, 261 (in Tr. cuc.).—Stoss., 1886, 49; 1887, 191; 1889, 29; 1890, 44, 54; 1898, 138; 1901, 102 (in Rh. max., Tr. hir.; Trieste).—Also reported for Dasybatis asterias, Gobius ophioccephalus.

proteus Westrumb. 1821a. 37-39 (s. annularis, attenuatus, barbi, bramæ, candidus, dobulæ, gobii, idbari, longicollis, lavareti, lævis, nodulosus, ovatus, piscinus, sphaericus, salmonum, subglobatus, salvelini, tereticollis) (in intestinīs Acipenseris husonis et sturionis, Murænæ anguillæ, Blennii vivipari, Cotti scorpii, gobii, Percæ cernuæ, fluviatilis, schræster, luciopercæ, Siluri glanidis, Pleuronectis flesi, Gadi lotæ, merlangi, callariæ, Cyprini barbi, bramæ, dobulæ, jesses, idi, idbari, Gobionis phoxini, rutili, Salmonis farionis, salvelini, thymalli et truttæ, salaris, lavareti, huchonis, Escosis lucii et in peritonæo Cotti scorpii). 47, 50, 51, 52, 54, 55, 56, 58, pl. 1 fig. 11-12, pl. 3 fig. 22-28.—Baird, 1853a, 63-64 (s. att., ann., bar., br., cand., dob., go., idb., lævis, long., lav., nod., ov., pisc., sph., salmonis, subl., salv., subgl., salmonum, ter., Acanthoc. Kol., Tænia longicollis) (in Platessa flesus, Leuciscus cephalus).—Ben., 1870, 23.—Burm., 1837a, 527; 1856a, 219.—Cobbold, 1866b, 14 (in fish); 1873n, 672 (in trout); 1879a, 112; 1879, 475, 477; in M'Intosh, 1864, 151.—Cond.-Franc., 1892, 228; 1898, 2, 3, 4, 10, 15-16.—Crep., 1839, 285.—Dies., 1851a, 51-52 (s. an., at., br., ba., c., dob., go., i., læv., la., l., nod., ov., pi., sal., sub., sph., salm., ter., tr., Ac. lav., T. l.) (in Abramis blicca, A. brama, A. vimba, Acerina schrætzter, A. vulg., Acipenser huso, A. sturio, Anguilla vulg., Belone acus, Barbus com., Cobitis barbatula, Coregonus wartmanni, Cot. gob., C. scorpio, Cyprinus idbarus, Es. luc., Gadus cal., Gobio vulg., Gobius jozo, Leuciscus erythrophth., L. dobula, L. idus, L. jeses, L. rutilus, Lota com., Lucioperca sandra, Merlangus com., Osmerus eperlanus, Perca fluvi., Phoxinus lævis, Platessa flesus, P. vulg., Rhombus maximus, Salmo f., S. h., S. salvelinus, S. salar, S. tr., Sil. gl., Thymallus vexillifer, Tinca chrysis, Zoarces viviparus); 1859, 751.—Dewitz, 1892b, 178.—Duj., 1845a, 529-530.—Fehlmann, 1912, v. 20, 126-131, 2 figs. (so. Pomphor. lævis).—Hammann, 1891e, 791-792; 1892d, 195.—Hempelm., 1912a, 109.—Hofer, 1904a, 231,

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proteus—continued.

232, 233, 234, 235 (in Abr. br., A. v., *Acerina cernua*, A. schr., *Acipenser* st., Ang. vulg., *Barbus fluv.*, *Blicca bjorkna*, *Carassius vulg.*, *Cob. barb.*, *Corwart.*, *Cottus gobio*, *Cypr. carpio*, E. l., *Gobio fluv.*, *Idus mel.*, *Leu. rut.*, L. vulg., *Lota vulg.*, *Luc. sand.*, *Osm. ep.*, P. f., Ph. l., *Salmo h.*, S. salv., *Scardinius erythrophth.*, Sil. gl., *Squalius cephalus*, *Thym. vulg.*, *Tinca vulg.*, *Trutta fario*, T. salar, T. trutta).—Kaiser, 1893a, 1, 8, 16, 25, 26, 33, 34, 37, 42, 44, 56, 61, 62, 70, 89, 91, 92, 107, 118, 119, 121, 124, 125, 126; 1893b, 2, 4, 5, 16, 22, 24, 25, 26, 27, 29, 41, 42, 48, 51, 58, 72, 73, 74, 75, 77, 78, 85, 95, 100, 110, 118, 126, 127, 133, 135, 145, 147, 148.—Kœhler, 1887a, 710-712; 1887b, 539-540; 1887d, 402.—Kowal., 1894, 227; 1894, 7.—Krøyer., 1838-40a, 578, 579, 583, 602, 605, 609, 610, 611, 612, 615, 616; 1846-53a, 446; 1852-53a, 778, 1215, 1216, 1221, 1222, 1223, 1224, 1225, 1226 (in Abr. bl., A. v., Ac. cer., Ac. st., *Barbus fluv.*, *Belone rostrata*, *Cob. barb.*, *Cottus sc.*, E. l., *Gadus morhua*, *Gobio fluv.*, *Leuc. d.*, L. ery., L. rut., *Lota vulg.*, *Osm. ep.*, *Perca fluv.*, *Phoxinus aphy.*, *Platessa flesus*, P. vulg., *Rhombus m.*, *Salmo fario*, S. t., S. sa., Sil. gl., *Thy. vulg.*, *Tinca vulg.*, Z. v.).—Leidy, 1851b, 208 (in *Labrax lineatus*); 1856b, 48; 1888d, 125; 1904a, 50, 92, 211.—Leuck., 1876a, 737, 787, 791, 792, 793, 794, 795, 800, 803, 805, 807, 813, 817, 818, 819, 824, 825, 826, 830, 834, fig. 379, 382, 383, 385-387, 394; 1879a, 102; 1886d, 76, 398.—Linst., 1878a, 207; 1889a, 71 (in *Perca fluv.*); 1894i, 350 (in *Squalius leuciscus*); 1901, 278; 1903, 277; 1908, 4, 5.—Lint., 1889, 496-498, pl. 4 figs. 3-5; 1900, 268, 280, 281, 283; 1901b, 409, 450, 455, 456, 459, 481, 490, figs. 12, 13 (in *Archosargus probatocephalus*, *Centropistes striatus*, *Cynoscion regalis*, *Paralichthys dentatus*, *Pomatomus saltatrix*, *Roccus lineatus*; Woods Hole); 1905d, 329, 330, 353, 417 (in *Synodus foetens*; Beaufort).—Looss, 1892a, 76.—Lühe, 1904f (1905b), 154, 183, 186, 191, 201, 212, 232, 241; 1905a (b), 264, 268, 270, 273, 275, 288 (=lævis, *tereticollis*). 302, 310, 313, 331; 1912, v. 1, 273.—Marval, 1905a, 201, 265.—Még., 1891b, 324-325.—Mola, 1912, 491, 501, 502.—Mol., 1858, 143; 1858, 295; 1861c, 260, 263, 270, 272, 273, pl. 9 fig. 2-3 (in Ac. st., *Leuciscus cavedanus*).—Moniez, 1896, 53; 1879f, 304.—Mont., 1887, 24.—Müch., 1898, 56.—Olss., 1893a, 31-32, 37, pl. 4 figs. 57-59 (in *Abramis alburnus*, *Belone vulg.*, *Leuciscus phoxinus*, Pl. fl.).—Pag., 1863a, 413-421, pls. 23-24 (anat.).—Porta, 1904, 4 (in *Squalius cavedanus*); 1905a, 150, 193-196, 202-204, figs. 46-47-48-49, fig. 50a-f (s. long., cand., idb., br., bar., lav., salv., *truttæ*, salmonum, go., dob., subl., lævis, ann., pisc., att., nod., ov., sph., ter., sciænæ, linstowi, *Acanthoc. lavareti*, T. long.) (in *Abramis ballerus*, A. br., A. vimba, *Acer. cer.*, Ac. schrætser, Ac. h., A. st., *Alburnus lucidus*, A. bipunctatus, Ang. vulg., *Barbus fluv.*, *Belone acus*, *Blicca bjoerkna*, B. vulg., *Cobitis barbatula*, *Coregonus muskun*, C. wart., *Cottus gobio*, C. sc. *Cyp. carpio*, *Cynoscion regale*, E. l., *Gadus m.*, G. poutassou, *Gasterosteus aculeatus*, *Gobio fluv.*, *Gobius j.*, G. avernensis, G. minutus, *Idus melanotus*, *Labrax l.*, *Leuc. cav.*, L. rut., *Lota vulg.*, *Lucioperca sandra*, *Merlangus vulg.*, *Osm. ep.*, *Perca fluv.*, *Pholis lævis*, *Phox. lævis*, *Platessa f.*, P. passer, P. vulg., *Rhombus m.*, *Roc. lin.*, *Salmo hucho*, S. salvelinus, *Scard. ery.*, *Sciæna aquila*, Sil. gl., *Solea vulg.*, *Squalius c.*, S. illyricus, S. leu., *Thy. vulg.*, *Tinca vulg.*, *Trutta trutta*, T. salar, T. fario, Z. v.); 1906, 237, 262, 269; 1908, 232 (so. *Pomphor. lævis*).—Riquier, 1908, v. 19, 21-26, figs. 1-3 (in *Tinca vulg.*).—Rollet., 1888a, 689 (in pike and other fresh water fishes, larvæ in *Gammarus pulex*).—Schlotthauber, 1860, 130.—Schneidem., 1896a, 325.—Schneid., 1903, 22; 1911, ANV Riga, 16 (in Z. v., *Pleuronectes flesus*).—Scott, 1909, 86-87, pl. 4 figs. 3-4, pl. 6 fig. 1 (in Ang. vulg.).—Shipley, 1896a (1901b), 174, 180, 181, 182, figs. 92, 98-100; 1900, 439.—Sieb., 1839, 160.—Stiles & Hass., 1894e, 353 (in *Accipenser* sp., Ang. vulg., *Roc. lin.*).—Stoss., 1887, 191; 1890, 54; 1892, 66; 1898, 138; 1901, 102-103 (in Ac. st.; Trieste).—Tosch, 1905, 116.—Verrill, 1870, 167.—Walter, 1866, 66-67.—Zsch., 1884a, 11, 30, 58-61, 62 (in *Alburnus lucidus*, *Cyprinus carpio*, E. l., *Leuc. rut.*, *Lota vulg.*, *Salmo umbla*, Sq. ceph.); 1892c, 73-83; 1893a, 741 (life history); 1896, 774, 775, 776, 777, 778, 779, 781, 784, 817, 818, 820, 821, 822, 823 (in *Barbus fluv.*, *Chondrostoma nasus*, E. l., *Lota vulg.*, *Perca fluv.*, *Squalius agassizii*, S. ceph., S. leuciscus, *Thymallus vex.*, *Tinca vulg.*, *Trutta fario*); 1903, 121, 130, 132, 135, 140, 146, 147 (in *Lota vulg.*).

prothus Kaiser, 1893b, 40 (misprint for *proteus*).*pseudosegmentatus* Knüepfer, 1888a, 10-17, pl. 2 figs. 26-39 (in *Spermophilus citillus*; aus dem Taurischen Gourv.).—Kaiser., 1893a, 62, 92; 1893b, 5, 80, 84.—Linst., 1889a, 9 (in S. c.).—Porta, 1906, 240; 1908, 280 (in S. c.; Russia).

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- pumilio* Rud., 1819a, 66, 314 (in *Lophius piscatorius*; Mus. Wien).—Dies., 1851a, 26 (s. acus) (in *Gadus morrhua*, L. p., *Merlucius vulg.*, *Phycis mediterraneus*); 1859, 743.—Duj., 1845a, 541.—Kröy., 1838-40a, 471, 605, 608 (in *G. morhua*, L. p., *M. vulg.*).—Lühe, 1904f (1905b), 213; 1905a (b) 288.—Mont., 1887, 25.—Ols., 1893a, 33 (in *M. vulg.*).—Porta, 1905, 183 (so. *vasculosus*).—Stoss., 1898, 140.—Wagener, 1857, 84.—Wedl, 1855b, 403, 408, fig. 11 (in L. p.).—Westrumb, 1821a, 12.—Also reported for *Gobius auratus*, *G. cruentatus*.
- pupa* Linst., 1905dd, 3, 17, pl. 1 figs. 11-14 (in *Erionetta spectabilis*; Zarjahofen).
- purpuræ* Marval, 1905a, 323 (apparently for *ardeæ-purpuræ*).
- pusillus* Rud., 1819a, 809, pl. 1, fig. 6 (for *porrigens*).
- putorii (abdominalis)* Mol., 1858 (1859e), 296 (in *Mustela putorius*; Padua); 1861c, 275 (in M. p.; P.).—Dies., 1859e, 751.—Linst., 1878a, 39 (in *Fœtorius putorius*).—Porta, 1908, 281 (in F. p.).—Also reported for *Putorius communis*.
- pyriformis* Brems. in Rud., 1819a, 74, 331-332 (in *Turdus merula*; Wien); Brems., 1824c, pl. 7 figs. 20-21 (in T. m.; W.).—Blainv., 1828, 551.—Dies., 1851a, 46.—Duj., 1845a, 511.—Linst., 1878a, 90 (in T. m.).—Lühe, 1905a (b), 253, 273, 288-289 (s. *pyriformis*).—Marval, 1905a, 204, 210, 284, 308-310, 319 (pirif.), pl. 1 figs. 29-30, 35, 36 (in T. m.).—Porta, 1908, 246.—Westrumb, 1821a, 31, pl. 1 fig. 20.
- quadricornis* Bosc, 1797a, 9 (says it belongs in *Tentacularia*) (in *Coryphæna hippuris*) (quotes Geze of Gmel., 1790a, 3049, i. e. *quadrirostris*).
- quadricornis* Abildg., 1773a, 34 [nv.] (see *quadrirostris*).—Sieb., 1850a, 248, 251 (so. *Tetrar. sp.*) (of Abildg., in Lachs and Kabliu).
- quadrirostris* Goeze, 1782a, 165-167, pl. 13 figs. 3-5 (in Lachsleber; by Wagler).—Abildg., 1790, 38, 216 (in Lachs and Kabliu).—Bosc, 1802a, v. 2, 10 (sur le foie du saumon).—Braun, 1900a, 1727 (=conicus=Tetrarh. *appendiculatus*) (in *Salmo salar*).—Brug., 1791a, 111, pl. 38 fig. 23 A-C (in *Salmonis salaris hepate*).—Dies., 1850a, 570 (so. *Tetrar. morrhue*) 576 (so. *Stenob. appendiculatum*).—Gmel., 1790a, 3049.—Lühe, 1905b, 150, 194, 289, 337 (so. conicus=Tetrar. *appendiculatus*).—Nordm., 1840a, 635 (cf. T. a.).—Rud., 1809a, 318 (so. T. a.), 324 (of Abildg., p. 38, so. T. m.).—Schrank, 1788a, 28.—Sieb., 1850a, 231 (so. T. *macrobothrius*).—Vaull., 1899a, 19, 62, 81.—Viborg, 1795, 244 (in *Gadus morrhua*).—Zed., 1803a, 159 (renamed conicus).
- quadrirostris gadi-morrhue* Viborg, 1795, 244 [nv.].—Rud., 1809a, 324 (so. *Tetrar. morhue*).
- ranæ* Schrank, 1788a, 25 (in *Rana*; Goeze, 1782a, 158, pl. 12 figs. 10-11).—Bennet & Olivier, 1826a, 32-33 (in R. temp.).—Bosc, 1802a, 7.—Dies., 1851a, 29 (so. *hæruca*).—Gmel., 1790a, 3046.—Lühe, 1904f (1905b), 154, 203, 225; 1905a (b) 290-291, 336 (cf. *hæruca*, *ranæ-temporariæ*, *Tænia hæruca*).—Porta, 1908, 225, 228-230, pl. 9 fig. 6 (in *Bombinator igneus*, *Bufo vulg.*, *B. viridis*, *Rana temp.*, *R. escul.*, *Salamandra atra*, *Triton tæniatus*, *T. cristatus*, *T. lobatus*).—Pratt, 1916a, 229.—Rud., 1809a, 265 (so. h.).—Westrumb, 1821a, 18 (so. h.).—Zed., 1803a, 152 (in R. temp.).
- ranæ* of Schrank, 1803b, 217 (in Quappen).—Lühe, 1905b, 291, 292 (in *Lota*) (=lucii).
- ranæ-bombinæ* Dies., 1851a, 29 (so. *hæruca*).
- ranæ-bombynæ* Westrumb, 1821a, 18 (so. *hæruca* 1819).
- ranæ-temporariæ* Viborg, 1795, 244 (in *Rana temp.*) [nv.].—Lühe, 1905a (b), 292 (so. *ranæ* 1788).—Porta, 1908, 228 (so. r.).
- raphælis* Sons., 1896m, 449 (larva in *Varanus arenarius*; Egypt) [perhaps earlier].—Porta, 1908, 247.—Seur., 1913, 130.
- rectus* Lint., 1892l, 91, figs. 13-17 (in *Larus (Chroicoc.) sp.*; Guaymas, Mexico).—Lühe, 1905b, 206, 340.—Marval, 1905a, 250, 251, 259 (so. *cylindræus*).
- reductus* Linst., 1905dd, 3, 17, pl. 1 figs. 7-10 (in *Phoca foetida*; Zarjahafen).—Porta, 1908, 231 (in P. f.).
- rennicki* Leiper & Atkinson, 1914, 223 (in *Trematomus bernacchii*); 1915, 32-33, fig. 3, pl. 2 fig. 15 (in T. b.; Cape Evans).
- reticulatus* Westrumb, 1821a, 24 (in *Rallus nigricans*; Brazil).—Cond.-Franc., 1892, 229.—Dies., 1851a, 38-39 (in R. n.; B.).—Duj., 1845a, 521.—Fuhrm., 1908, v. 10 (1), 22, 23 (in *Limnopardalis*, *Porzana*).—Gurlt, 1845.—von Ihering, 1902a, 45 (in *Limnopardalis sp.*, *P. albicollis*).—Linst., 1878a, 138

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reticulatus—continued.

- (in R. n.).—Lühe, 1905a (b), 292 (in *Pardirallus nigricans*) (cf. *rhæ*).—Marval, 1905a, 199, 204, 212, 213, 214, 215, 259, 286, 294, 295, 303, 312–315, pl. 3 figs. 81–83, 94–96 (s. *rhæ*) (in *Glottis nebularius*, L. sp., P. a., *Rallus nigricans*, *Rhea americana*).—Rail. & Henry, 1911, 580–581, fig. 5 (in G. n., L. sp., P. a., R. n., R. a.).
- rhæ* Marval, 1902a, 414–416, figs. 2–4 (s. *rhæ* nomen nudum) (in *Rhea americana*; Coll. Wolfh.); 1905a, 312, 315 (so. *reticulatus*).—Lühe, 1905b, 292, 340.—Rail. & Henry, 1911, 580 (so. *ret.*).—Wolfh., 1900, 10, 11 (*rhæ*, n. n.).
- rhopalorhynchus* Dies., 1851a, 46–47 (in *Champsia sclerops*, C. nigra, C. punctulata, C. trigonata, C. fissipes; Brazil); 1859, 749.—von Ihering, 1902a, 46.—Linst., 1878a, 181 (in *Caiman palpebrosus*, C. trigonatus, *Champsia gibbiceps*, C. p.).—Porta, 1908, 226.—Also reported for *Jacare nigra*.
- rythidodes* Mont., 1905d, 1–13 (also *rythidodes*, 10), pl. 5 figs. 1–28 (s. *aurantiacus* 1887, *corrugatus* 1890) (in *Solea impar*; Nap.); 1907, v. 2 (3), 30, 176.—Porta, 1905a, 167, 168 (in S. i.) (s. a., c.), fig. 17a–c; 1906a, 239, 242, 243, 257, 260, 268.
- ricinoides* Rud., 1809a, 253–254 (in *Upupa epops*; by Rud.); 1819a, 64 (in *intest.* U. e.).—Blainv., 1819, 209.—Crep., 1847.—Dies., 1851a, 24 (so. *coraciæ*) (in U. e.; Greifsw.) (in *Coracias garrula*).—Duj., 1845a, 516 (in C. g., U. e.).—Gurlt, 1845.—Linst., 1878a, 73 (in C. g.).—Lühe, 1904f (1905b), 196, 240; 1905a (b), 292–293 (in U. e.).—Marval, 1905a, 198, 337, 339, 340, 347 (in U. e.) (so. *Gigantor. compressus*).—Olfers, 1816, 50.—Sons., 1859.—Westrumb, 1821a, 7–8.
- rosai* Porta, 1910, v. 35 (22), 700–701, figs. 2 a–d (in *intest. crasso* of *Erinaceus europæus*; Firenze).
- roseus* n. sp. Ben., 1871a, 46 (in *Labrus trimaculatus*; Belgium).—Linst., 1878a, 233 (in L. t.).—Porta, 1905, 199 (in L. t.).
- roseus* Mol., 1858 (1859e), 295–296 (in *Cantharus vulg.*; Padua); 1861c, 274–275 (in C. v.; P.).—Dies., 1859e, 743–744.—Kaiser, 1893b, 23.—Lindemann, 1865a, 484–492, pls. 10–11 (in *Leucicus* sp.; Petrograd).—Linst., 1878a, 212 (in C. v.); 1905dd, 3.—Lühe, 1912, v. 1, 276, 291, 2 92.—Porta, 1905, 185–186, figs. 31–32 a–d (s. *longicollis*, *rubicundus*) (in C. v., *Platessa passer*).—Also reported for *C. lineatus*.
- rostratus* Fuhrm. in Wolfh., 1900a, 10, 22, 24, 28, 36 (in *Corvus corone*, C. *frugilegus*; Germany) (nomen nudum except for hosts).—Lühe, 1905b, 206; 1905a (b) 340 (in C. c., C. f.).—Marval, 1902a, 420–422; 1905a, 250, 251, 255 (so. *cylindraceus*).
- rotundatus* Linst., 1897i, 33, figs. 18–19 (in *Centropus madagascariensis*; Madagascar).—Marval, 1905a, 204, 315, pl. 4 figs. 147–149 (in C. m.).—Shipley, 1903, 8, 10 (in C. *sinensis*; Ceylon), 52, 54 (in C. *rufipennis*; C.).
- rotundo-capitatus* Johnst., 1912, 83–84, pl. 4 fig. 41 (in *Pseudechis porphyriacus*; N. S. W.).
- ruber* Collet, 1886a, 258–259, fig. E (in *Balænoptera borealis*; Vardö).—Mont., 1887a, 19–23 (1–5) (so. *turbinella*) (in B. b.).—Porta, 1906a, 267 (so. t.) (in *Hyperoodon rostratus*); 1908, 4.—Shipley, 1899, 262, 264, 268, fig. 1.
- rubetræ* Rud., 1819a, 77 (in *intest.* *Motacillæ rubetræ*).—Dies., 1851a, 42 (so. *fasciatus*).—Lühe, 1905b, 205, 293 (in *Pratincola rubetra* (so. f.)).—Marval, 1905a, 250, 251 (so. *cylindraceus*).—Westrumb, 1821a, 27 (=f.).
- rubicundus* Mol., 1859h, 14–15 (in *Platessa passer*; Padua).—Linst., 1878a, 246 (in P. p.).—Porta, 1905a, 185 (so. *miliarius*, of Stoss. so. *roseus*).—Stoss., 1890, 45; 1898, 139.
- rugosus* Fabr., 1794, 39 (“*annulatus* s. *rugosus*”).
- rutheni* Westrumb, 1821a, 17 (for *accipenseris-rutheni* 1819) (so. *plagicephalus*).—Dies., 1851a, 35 (so. p.).—Lühe, 1905a (1905b), 293–294, 329.—Mol., 1861c, 263 (so. p.).—Porta, 1905, 168 (so. p.).
- rutili* Müell., 1780, 2, pl. 61 (in *Leuciscus rutilus* [nv.]; 1784a, 61, pl. 61 fig. 1–8 (in *Cyprinus rutilus*; teste Müell.); 1788b, 27–28, pl. 61 figs. 1–8 (in C. r.).—Baird, 1853a, 65 (so. *clavæceps*).—Bosc, 1802a, 11.—Brems., 1811, 26 (so. c.).—Dies., 1851a, 33 (so. *tuberosus*).—Gmel., 1790a, 3050 (in C. r.).—Nordm., 1840a, 642 (so. t.).—Lühe, 1904f (1905b), 155, 164, 188, 192; 1905a (b), 270, 294–297 (so. c.), 321.—Rud., 1809a, 257 (so. t.) (includes *rutili* Müell. 27, pl.

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61 figs. 1-8 and *rutili* of Gmel., 1790a, 3050, no. 45); [1820, 14].—Van Cleave, 1914, 50.—Westrumb, 1821a, 9 (so. t.).—[Zed., 1803a, 163, no. 46 (renamed *tuberosus*).]

rutili Zed., 1803a, 163, no. 45 (for *Acanthoc. Koelr.*, and Müell., 136 and Gmel., 1790a, 3050, no. 44) (in *Cyprinus rutilus*).—Dies., 1851a, 25 (so. *clavæceph.*).—Lühe, 1904f (1905b), 164, 199; 1905a (b), 297 (*anguillæ, Acanthoc.*).—Porta, 1905a, 156 (so. c.).—Rud., 1809a, 315 (*rutili* of Zed., 1803a, 163, no. 45 and of Gmel., 1790a, 3050, no. 44; also *Acanthoc. Koelr.*) (so. *cyprini-rutili*).—Westrumb, 1821a, 6 (so. c.).

rhytidodes Mont., 1905d, 10 (for *rhytidodes*).

sagittifer Lint., 1889a, 493-496, pl. 6 figs. 1-2 (in *Cynoscion regalis, Paralichthys dentatus, Pomatomus saltatrix*; Woods Hole); 1891a, 535-536, fig. 80 (in *C. r.*, *Para. d.*, *Pom. s.*, *Serranus atrarius*); 1901b, 409, 450, 453, 456, 457, 459, 481, 490 (in *Centropomus striatus, Cy. r.*, *Para. d.*, *Pom. s.*, *Rhombus triacanthus, Stenotomus chrysops*; W. H.); 1905d, 325, 329, 330, 353, 371, 372, 377, 381, 384, 394, 404, 410, 411, 417, 419, figs. 1-7 (in *Coryphæna hippurus, Cy. r.*, *Lagodon rhomboides, Micropogon undulatus, Orthopristis chrysopterus, Paralichthys albiguttus, Para. d.*, *Prionotus tribulus, Rachycentron canadus, Synodus foetens*; Beaufort).—Porta, 1905, 189, 202, fig. 45 a-d (in *Cy. r.*, *Para. d.*, *Pom. s.*, *Ser. at.*).

salmonis Müell., 1784a, 83 [pl. 69 fig. 1-3] (in *Salmo salar*; by Müell.).—Baird, 1853a, 66 (=fusiformis).—Bennet & Olivier, 1826a, 37 (in *S. s.*).—Bieler, 1913, 551-554, fig. M, pl. 41 fig. 2 (in *S. s.*); 1914, 3A, 415.—Bosc, 1802a, 9-10 —Brug., 1791a, 110-111, pl. 38 fig. 13-15 A, B (in *S. s. intest.*).—Crep., 1839, 284.—Dies., 1851a, 41 (so. *pachysomus*).—Lühe, 1904f (1905b), 211; 1905a (b), 297-298, 318, 331 (cf. *inflatus*, p.); 1911a, 21, 24-25, figs. 25-26 (in *Abramis brama, A. vimba, Anguilla anguilla, Coregonus albula, C. lavaretus, Esox lucius, Leuciscus erythrophth., L. idus, Osmerus eperlanus, Perca fluvi., Pleuronectes flesus, Pontoporeia affinis, S. s., S. trutta*).—Porta, 1905, 172 (so. p.).—Rud., 1809a, 270 (so. *infl.*).—Westrumb, 1821a, 16 (=fusiformis).—Zed., 1803a, 162 (in *S. s.*).

salmonum Rud., 1819a, 80 (*S. lavareti, sublobatus*) (in *intest. Salmonis færonis, salvelini, thymalli, salaris, lavareti, huchonis*; C. E. V.).—Baird, 1853a, 64 (so. *proteus*).—Dies., 1851a, 51 (so. p.).—Lühe, 1904f (1905b), 159, 237, 241; 1905a (b), 298 (so. *lævis*, cf. *subl.*, *lav.*, p., *tereticollis, nodulosus*).—Porta, 1905, 193 (so. p.).—Westrumb, 1821a, 37 (so. p.).

salvelini Schrank, 1788a, 24 (in *Salmlingen*; Hermann, 1782a, 172-177, pl. 4 figs. 8-10); 1803b, 218-219 (in *Hechten, Büerstlingen*; Hermann, 1782a, 172, pl. 4 figs. 8-10).—Baird, 1853a, 64 (so. *proteus*).—Dies., 1851a, 51 (so. p.).—Lühe, 1904f (1905b), 153, 237, 1905a (b), 298-299, 310 (=E. sp., *sublobatus, subglobatus, lævis*).—Porta, 1905, 193 (so. p.).—Rud., 1809a, 312 (so. *subl.*).—Westrumb, 1821a, 37 (so. p.).

sciænæ Rud., 1819a, 80, 335 (in *Sciæna aquila*; Nap.).—Ben., 1858a, 1861a, 108.—Dies., 1851a, 58 (in *S. a.*; N.).—Linst., 1878a, 216 (in *S. a.*).—Lühe, 1905a (1905b), 299-300 (in *S. a.*).—Porta, 1905, 193 (so. *proteus*), 196.—Westrumb, 1821a, 42.—Also reported for *S. umbra*.

scombri Viborg, 1795, 243 [nv.].—Dies., 1851a, 48 (so. *pristis*).—Lühe, 1905a (1905b), 300 (in *Scomber*).—Porta, 1905, 190 (so. *pr.*).—Rud., 1809a, 312; 1819a, 75 (so. *pr.*).—Westrumb, 1821a, 32 (so. *pr.*).

scopis Gmel., 1790a, 3045 (in *Strix scopis*; Goeze, 1782a, 154, pl. 11 fig. 13).—Bosc, 1802a, 5.—Dies., 1851a, 38 (so. *æqualis*).—Lühe, 1904f (1905b), 163; 1905a (b), 268, 300, 301 (=E. sp., *otidis, æq.*).—Marval, 1905a, 217, 219 (so. *aluconis*).—Rud., 1809a, 277 (so. *æq.*).—Westrumb, 1821a, 23 (so. *æq.*).

scorpænæ Rud., 1819a, 79 (in *Scorpæna scrofa*; C. E. V.).—Lühe, 1904f (1905b), 223; 1905a (b), 300 (so. *globulosus*) (in *Sc. sc.*).—Porta, 1905, 159 (so. *propinquus*).—Westrumb, 1821a, 11 (so. g.).

[*scudato* Renier, 1807, pl. 6 [nv.].—Brems., 1819a, 8 (Adriatic) (*Echinorinco*).—Lühe, 1905a (1905b), 300-301.]

segmentatus Marval, 1902a, 423-424, fig. 9 (in *Numida ptilorhynchus*; Coll. Parona); 1905a, 332, 334 (so. *tæniatus*).—Leiper, 1908, 194 (in *N. p.*; White Nile).

ECHINORHYNCHUS—Continued.

- semermis* Forssell, 1904, v. 30, 175-179, figs. 1-2 (in *Phoca foetida*); 1907, AN, v. 2 (3), 176.—Porta, 1908, 271 (so. *Corynosoma strumosum*).—Schneid., 1911, 16 (larva in *Gadus callarias*).
- semoni* Linst., 1898a, 471-472 (115-116), pl. 35 figs. 16-29 to (Gigantor.) (in intest. *Perameles obesula*; Australia).
- serpenticola* Linst., 1907, 83, pl. 1 fig. 4-5 (in *Psammodynastes pulverulentus*; Java).—Porta, 1908, 247-248 (in P. p.).
- serrani* Lint., 1901b, 409, 456, 490 (in *Centropistes striatus*; Woods Hole).—Porta, 1905, 181 (so. *aurantiacus*); 1908, 273 (so. *Bolbosoma aurantiacum*).
- sigmoideus* Westrumb, 1821a, 15 (s. *orioli*) (in intest. of *Oriolus galbula*; Wien).—Dies., 1851a, 32 (so. or.) (in O. g.).—Duj., 1845a, 512.—Linst., 1878a, 94 (in O. g.).—Lühe, 1905a (b), 301 (so. or.) (in O. oriolus; W.).—Marval, 1905a, 229, 230, 233 (so. *areolatus*), 363.
- simplex* Rud., 1809a, 270 (s. *triglæ-gurnardi*) (in *Trigla gurnardus*; Rathke, 1799, 72); 1819a, 68 (in T. adriatica, T. g.).—Duj., 1845a, 534.—Dies., 1851a, 41 (s. tr.-g.).—Krøyer, 1838-40a, 100 (in T. g.).—Linst., 1878a, 226 (in T. g.).—Lühe, 1905a (1905b), 301, 317 (=triglæ, tr.-g.) (in T. a., T. g.).—Olfers, 1816a, 50.—Olss., 1893a, 34-35 (in *Trachinus draco*, *Trigla g.*, *T. lineata*).—Porta, 1905a, 171 (so. *acus*).—Risso, 1826, 261.—Sons., 1891, 262.—Westrumb, 1821a, 19.
- sipunculus* Schrank, 1788a, 25 (s. *Acanthus sipunculoides*) (in den Marænen; in der Quappe).—Dies., 1851a, 58 (so. *eperlani*).—Lühe, 1905a, (1905b), 301-302, 331 (=Ac. s.) (in *Osmerus eperlanus*; Martin, 1780).—Porta, 1905, 197 (so. ep.).—Rud., 1809a, 313 (=ep.).—Westrumb, 1821a, 42 (=ep.).—Zed., 1803a, 154 (in *Salmo eperlanus*).
- socialis* Leidy, 1851a, 156 (in *Platessa plana*; Leidy); 1904a, 46.—Stiles & Hass., 1894e, 353 (in *Pleuronectes americanus*).
- solex* Porta, 1905a, 160-161, fig. 7 a-b (in *Solea impar*; Portoferraio).
- solitarius* Mol., 1858 (1859e), 295 (in *Conger conger*; Padua); 1861c, 269-271, pl. 9 fig. 1 (in C. vulg.; P.).—Dies., 1859, 750.—Linst., 1878a, 272 (in C. v.).—Porta, 1904, 1 (in C. v.); 1905, 192, 203, fig. 40 (in C. v.).
- soricis* Rud., 1819a, 76 (in *Sorex araneus*; C. E. V., Wien, cf. Bremser, 1811, 26).—Dies., 1851a, 32 (so. *appendiculatus*).—Lühe, 1904f (1905b), 175; 1905a (b) 302 (=Ech. sp. Brems., 1811) (so. app.) (in S. a.; W.).—Westrumb, 1821a, 15 (renamed app.).
- species* Barbag. & Drago, 1903, AdP, v. 7, 418 (in *Pomatomus telescopium*; Messina).
- species* Barbag. & Drago, 1903, AdP, v. 7, 418 (in *Xiphias gladius*; Messina).
- species* Ben., 1871a, 63, 93, pl. 5 fig. 6 (in *Motella quinquecirrata*).—Linst., 1878a, 242 (larva in *Motella mustela*).—Porta, 1905a, 199 (larva in *Motella mustela*).
- species* Ben.—Porta, 1905a, 199 (larva in *Zoarces viviparus*).
- species* Ben.—Porta, 1905a, 199 (larva in *Rhombus vulg.*).
- species* Ben.—Porta, 1905a, 199 (in *Labrax lupus*).
- species* Braun, 1893f, 390 (in *Felis catus dom.*; Koenigsb.).
- species* Brems., 1811a, 26 as follows:
- No. 1 (in *Sylvia atricapilla*, *nisoria*, *oenanthe*, *loxi*, *coccothraust.*, *Alauda arvensis*; Brems.).
 - No. 2 (in *Charadr. œdicnemus*; Brems.).
 - No. 3 (in *Sylvia philomela*, *luscini*, *phœnicurus*, *fitis*, *atricapilla*, *rubecula*, *troglodytes*; Brems.).—Lühe, 1905b, 311 (=sylviarum).
 - No. 4 (in *Mus arvalis*, *M. cricetus*, *Mustela putorius*; Brems.).
 - No. 5 (in *Fringilla coelebs*; Brems.).
 - No. 6 (in *Falco albicilla*; Brems.).
 - No. 7 (in *Saxicola rupicola*; Brems.).
 - No. 8 (in *Rana bombyna*; Brems.).
 - No. 9 (in *Falco cyaneus*; Brems.).
 - No. 10 (in *Corvus pica*; Brems.).—Lühe, 1905b, 272 (cf. *picæ*) (in *Pica pica*).
 - No. 11 (in *Sturnus vulg.*; Brems.).
 - No. 12 (in *Parus maior*; Brems.).—Lühe, 1905b, 269 (=pari).
 - No. 13 (in *Cottus gobio*; Brems.).
 - No. 14 (in *Erinaceus europæus*; Brems.).
 - No. 15 (in *Trachinus draco*; Brems.).

ECHINORHYNCHUS—Continued.

species Brems.—continued.

- No. 16 (in *Sorex araneus*; Brems.).—Lühe, 1905b, 302 (=soricis).
 No. 17 (in *Oriolus galbula*; Brems.).—Lühe, 1905b, 266 (=orioli Rud. nec Westr.).
 No. 18 (in *Coracias garrula*; Brems.).—Lühe, 1905b, 293 (=coraciae).
 No. 19 (in *Coracias garrula*; Brems.).
 No. 20 (in *Turdus merula*; Brems.).
 No. 21 (in *Sterna stubberica*; Brems.).—Lühe, 1905b, 307 (=sternæ).
 No. 22 (in *Charadr. pluvialis*; Brems.).
 No. 23 (in *Labrus tinca*; Brems.).
 No. 24 (in *Acipenser huso*; Brems.).
 No. 25 (in *Acipenser huso*; Brems.).
 No. 26 (in *Atherina hepsetus*; Brems.).
 No. 27 (in *Scorpæna scrofa*; Brems.).
 No. 28 (in *Gadus mediterraneus*; Brems.).
 No. 29 (in *Mugil cephalus*; Brems.).
 No. 30 (in *Zeus faber*; Brems.).
 No. 31 (in *Arctomys citillus*; Brems.).

species Cini.—Porta, 1908, v. 3 (3), 233 (in *Rana escul.*; Torino).

species Clerc, 1903, v. 11, 256 [refers to de Marval].

species Daday, 1908, v. 26, 23 (in *Cypridopsis costata*).

species Daday, 1910, v. 23, 55–56, pl. 3 figs. 8–10 (in *Cypridisops costata*; Ikapo-See).

species Frœl., 1789a, 105 (in duck; by Frœl.; refers also to Gœze, 1782a, pl. 13 figs. 6–7).—Lühe, 1905b, 170–171 (anatis Schrank).

species Gœze, 1782a, 154, pl. 11 fig. 13 (in a “bunten Ohreule; by Borke).—Gmel., 1790a, 3045 (named scopis).—Lühe, 1905b, 163 (æqualis).—Schrank, 1788, 23 (named otidis).—Zed., 1803a, 154 (named æq.).

species Gœze, 1782a, 163–164, pl. 13 figs. 6–7 (der Entenkratzer).—Gmel., 1790a, 3045 (named boschadis).—Lühe, 1905b, 172 (anatis Schrank), 182 (boschadis Gmel.).—Schrank, 1788, 26 (named anatis).

species Gœze, 1782a, 154–155, pl. 12 figs. 1–2 A (in *Falco buteo*; by Gœze).—Lühe, 1905b, 185 (buteonis).—Schrank, 1788, 23 (named buteonis).

species Gœze, 1782a, 158, pl. 12 figs. 7–9 (in Schmerl).—Gmel., 1790a, 3048 (named cobitidis).—Lühe, 1905b, 192 (cobitidis, cobitinus).—Schrank, 1788a, 25 (named cobitinus).

species Gœze, 1782a, 165 (in Amsel; by Gœze).—Gmel., 1791a, 3046 (named merulæ).—Lühe, 1905b, 252 (merulæ).

species Gœze, 1782a, 153, pl. 11 figs. 8–12 (Eulenkrazer).—Gmel., 1790a, 3045 (named strigis).—Lühe, 1905b, 265, 308 (strigis, nyctæ).—Schrank, 1788a, 23 (named nyctæ).

species Gœze, 1782a, 154, pl. 11 fig. 13 (Ohreulen Kratzer).—Lühe, 1905b, 267–268 (otidis).—Schrank, 1788a, 23 (named otidis).

species Gœze, 1782, 157–158 (in Forelle).—Lühe, 1905b, 318 (truttæ).—Schrank, 1788, 24 (named truttæ).

species Grassi, 1888.—Deffke, 1891, 258 (in *Canis fam.*).—See grassii.

species Hermann, 1782a, 172–177, pl. 4 figs. 8–10 (s. *Tænia hæruca* Pall.) (in dem Magen des Sælmings; by Herm.).—Lühe, 1905b, 298–299 (salvelini).

species Humb., 1808a, 162, 227 (in *Crotalus durissus*).

species Johnst., 1912, v. 12, 106 (in *Catheturus lathamii*; S. Q.); 107 (in *Numenius cyanopus*; S. Q.); 108 (in *Astur fasciatus*; N. S. W.); 109 (in *Halcyon sanctus*; N. S. W.); 109 (in *Psophodes crepitans*; N. S. W.); 109 (in *Podargus strigoides*; S. Q.); 109 (in *Ninox boobook*; S. Q.); 110 (*Oreocichla lunulata*; N. S. W.); 110 (*Grallina picata*; N. Q.); 111 (in “*M. novæ-hollandiæ*”; N. S. W.); 110 (in *Grallina picata*, *Numenius cyanopus*; Queensland).

species Kent., 1871a, 270, pl. 14 figs. 5–7 (in sea; off coast of Portugal).—[Possibly a cercaria of ?*Echinostoma*, with branched tail.]

[species] Kœlreuter, 1771, 499–500, pl. 26 fig. 5 (*Acanthoc. in Coregonus lavaretus*).—Lühe, 1905b, 173, 199 (anguillæ).

species Kowal., 1895g, 41 (1).

species Krøyer, 1838–40a, 608 (in *Lota molva*).

ECHINORHYNCHUS—Continued.

- species Krøyer, 1843-45a, 76 (in *Gadus minutus*; 138 (in *Merlangus pollachius*); 275 (in *Platessa vulg.*); 444 (in *Rhombus maximus*).
- species Krøyer, 1846-53a, 34 (in *Nallotus arcticus*); 320 (in *Carassius vulg.*).
- species Lewis.—Linst., 1889a, 15 (in *Canis fam.*).—Perronc., 1882a, 424.—Porta, 1908, v. 12, 282 (in *canis pariah*; Calcutta) (so. *Gnathost. spinigerum*).—Ward, 1895a, 343 (in *C. fam.*).
- species Linst., 1889a, 97 (larva in *Anguilla vulg.*) (cf. *miliarius* in Stoss., 1885b(c), 162-163 (7-8), pl. 5 fig. 21).
- species Linst., 1901e, 278 (in *Lanius auriculatus*; Petrograd Mus.).
- species Linst., 1902, 12 (in *Liparis steineni*) [nv.].—Porta, 1905a, 201 (in *L. s.*).
- species Lint., 1905d, 330, 411 (in *Paralichthys albiguttus*; Beaufort).
- species Lint., 1905d, 330, 384, pl. 3 figs. 15-16 (in *Cynoscion regalis*; Beaufort).
- species Lühe, 1905b, 146, 334 (= *Fasciola truttæ intestinalis*) (in *Trutta*; by Röederer).
- species Lühe, 1905b, 340 (=polymorphus).
- species Mégn., 1882.—Linst., 1889a, 90 (larva in *Barbus fluviatilis*).—Porta, 1905, 199 (in *B. f.*).
- species Mégn., 1882, 1-21, pl. 6 fig. 1.—Linst., 1889a, 65 (in *Varanus arenarius*).—Porta, 1908, 246 (in *V. a.*).
- species Mégn., 1882d, pl. 6.—Linst., 1889a, 49 (sub cute, *Machetes pugnax*).
- species Moniez, 1896a, 419 (in *Homo*).—Porta, 1908, v. 12, 282 (in *H.*) (so. *Eimeria hominis*).—Ward, 1903, 225; 1916, 704.
- species Montagu, 1841, v. 1, 85 (under skin in *Ziphotheca tetradens*; South Devon).
- species Montagu in Yarrell, 1841a, 200 (in *Lepidopus argyreus*; S. Devon).
- species Müller, 1787a, 56 (in *Mus musculus*; by Borke, see Gœze, 1782a, 138, pl. 9B fig. 12).—Lühe, 1905b, 259-260 (cf. *Pseudoechinor.*, and *Cysticercus fasciolaris*).—Schränk, 1788a, 21 (named *muris*).
- species Olss.—Porta, 1905a, 200 (larva in *Osmerus eperlanus*).
- species Olss.—Porta, 1905a, 200 (in *Lota vulg.*); 200 (in *Anguilla vulg.*); 201 (in *Zoarces viviparus*); 201 (in *Rhombus maximus*); 201 (in *Conger vulg.*); 201 (in *Trachinus draco*).
- species Pall., 1776, 415 (in *Perca fluv.*).—Gmel., 1790a, 3048 (named *percæ*).—Lühe, 1905b, 269 (*percæ*).—Müll., 1780, 205.
- species Par., 1885a, 442 (in *Numida ptilorhyncha*; Sudan).—Linst., 1889a, 46 (in *N. p.*).
- species Par.—Porta, 1905a, 199 (in *Dactylopterus volitans*).
- species Par., 1898.—Porta, 1908, v. 12, 282 (so. *Gnathost. paronai*) (in *Mus raja*).
- species Porta, 1905a, 201 (in *Clupea pontica*; Volga).
- species Shipley, 1903l, 152 (in *Callula pulchra*).—Porta, 1908, v. 3 (3), 233 (in *C. p.*).
- species Sons., 1896m, 449 (in *peritoneo Naie haie*; Cairo).—Porta, 1908, v. 3 (3), 246 (in *peritoneum of Naja haie*).
- species Sons.—Porta, 1908, v. 3 (3), 246 (in *Zamenis parallelus*).
- species Stiles & Hass., 1894e, 352 (in *Dasypus 9-cinctus*).
- species Tilesius, 1810a, 353, 363, 374, pl. 19 figs. 4-7 (he uses *echinorrhynch*os, also: "*Echinorhynchi rubescentes sed candidiores*).—Lühe, 1905b, 327 (= *wachniæ*).
- species Wedl, 1861a, 232-234, pl. 2 figs. 17-20 (in *Vipera cerastes*; Egypt).—Porta, 1908, v. 3 (3), 245-246 (in *Cerastes ægyptiacus*).—Linst., 1878a, 183 (larva encysted in *C. a.*).
- species Wedl, 1861a, 234-236, pl. 2 figs. 21-24 (in *Uraeus haie*; Egypt).—Porta, 1908, v. 3 (3), 246 (in *Naja haie*).—Linst., 1878a, 184 (larva in *N. h.*).
- species Wedl, 1861a, 236-237, pl. 2 figs. 27-30 (larva in *Mustela vulg*; Cairo, Egypt).—Linst., 1878a, 40 (larva in mesent. of *Fœtorius vulg.*).
- species Wedl, 1861a, 236, pl. 2 figs. 25-26 (larva in *Erinaceus europæus*; Egypt).—Linst., 1878a, 16 (larva in omentum of *E. e.*).
- species Welch, 1872a, 703-705, figs. 1-3 (encysted in *Homo*; from India) [looks like a pentastome].—Porta, 1908, 282.—Ward, 1903l, 225 (in *Homo*); 1916, 704.

ECHINORHYNCHUS—Continued.

- species Wolffh., 1900a, 11, 14, 16, 37 (in *Cerchneis tinnunculus*, *Circaëtos gallicus*, *Otis vulg.*, *Pica caudata*; Europe).
- species Yarrell, 1841a, 200 (in Scabbard fish).—Sieb., 1850a, 235 (so. *Tetrar. claviger.*).
- species Zsch., 1896a, 774 (in intestine *Perca fluvi.*); 774 (in intestine *Cottus gobio*); 775 (in intestine *Squalius leuciscus*); 775 (in intestine *Phoxinus laevis*).
- species Zsch., 1896a, 777 (in intestine *Lota vulg.*); 1903b, 132.
- sphaericus* Rud., 1802a, 62–63 (in *Cottus scorpius*; by Rud.); 1809a, 291–292 (in C. s.); 1819a, 73 (in C. s.).—Baird, 1853a, 64 (=proteus).—Brems., 1811, 26.—Crep., 1839, 284.—Dies., 1851a, 52 (so. p.).—Krøyer, 1838–40a, 138 (in C. s.); 1843–45a, 583 (in C. s.).—Lühe, 1905(a)b, 237, 268, 302, 313 (cf. *ovatus*, p., *laevis*).—Olfers, 1816a, 51.—Porta, 1905, 193 (so. p.).—Westrumb, 1821a, 37 (=p.).—Zed., 1803a, 157 (in C. s.).
- sphærocephalus* Brems. in Rud., 1819a, 598, 670–672 (in *Larus*, *Hæmatopus ostralegus*; Brazil).—Brems., 1824, 131.—Crep., 1839, 285.—Dies., 1851a, 50–51; 1859, 570.—Duj., 1845a, 518–519.—Fuhrm., 1908, v. 10 (1), 22, 23 (in L.).—Geddelst, 1903, 60; 1911a, 136 (in dom. duck).—von Ihering, 1902a, 46, 47 (in H., L. sp.).—Hut. & Mar., 1906a, 409; 1910b, 516; 1913b, 518).—Kaiser, 1893a, 90.—Linst., 1878a, 133 (in H. o.).—Lühe, 1904f (1905b), 151, 208, 225, 241, 249; 1905a (b), 277, 302–305, 340 (cf. *hæmatopodis*, *lari*, *pars ? n. sp.*) (in *H. palliatus*, *Larus azaræ*); 1912, v. 1, 291.—Marval, 1905a, 204, 212, 213, 214, 215, 266, 267, 270, 322–328 (in *Anas boschas dom.*, *Ardetta minuta*, *Ciconia ciconia*, *Eudocimus ruber*, H. o., L. dominicanus, *Phoxy purpurea*) (s. *macrourus*, *ardeæ-purpuræ*, *filicollis pars*), 359, pl. 2 figs. 45–47, 64–67.—Mol., 1861c, 272.—Müeh., 1898, 56.—Nev.-Lem., 1912a, 847.—Rail., 1893, 571.—Schneidem., 1896, 325.—Westrumb, 1821a, 36–37, 46, 48, 58, pl. 1 figs. 13–15.—Also reported for *Rhynchaspis clypeata*.
- sphyrænæ* Rud., 1809a, 314 (in *Argentina sphyrænæ*; Redi, 1708, 237); 1819a, 80 (=argentinæ).—Dies., 1851a, 58 (so. arg.).—Lühe, 1904f (1905b), 179; 1905a(b), 294, 305 (so. arg.) (=Tetrar. elongatus=Tet. arg.).—Porta, 1905, 197 (so. arg.).—Also reported for *A. sphyræna*.
- [*spinosus*.—Traill, 1874a, 155–156 (misprint for *Echinorhinus spinosus*, a shark.)]
- spinosus* Kaiser, 1893a, 2, 15 (Florida), 17–19, 67, 68; 1893b, 127.—Stead, 1896a, 264–265 (Aberdeenshire Coast).
- spira* Dies., 1851a, 34 (in *Cathartes aura*, C. urubu, *Vultur papa*; Brazil); 1859, 745.—Fuhrm., 1908, v. 10(1), 23.—Linst., 1878a, 107 (in *Sarcorhamphus papa*); 1901, 419; 1904, 380.—Lühe, 1904b (1905b), 239, 240; 1905a(b), 340, 342 (in C. a., C. u., S. p.).—Marval, 1905, 198, 338, 339, 340, 349 (so. *Gigantor. compressus*).—Mol., 1861c, 263.—Wehrmann, 1909a, 210.
- spiralis* Rud., 1809a, 273–274 (in *Ardea minuta*; by Nitzsch); 1819a, 70, 323 (in A. m.).—Duj., 1845a, 499, 521.—Dies., 1851a, 36, 37 (in A. m.).—Linst., 1878a, 143 (in A. m.).—Lühe, 1905a(b), 305 (in *Ardetta minuta*); 1911a, 57–58, fig. 77 (in A. minuta, *Botaurus stellaris*).—Marval, 1905a, 204, 213, 315–318, 362, pl. 3 fig. 86–89 (in B. s.).—Olfers, 1816a, 50.—Stoss., 1892, 67; 1896, 135; 1898, 134.—Westrumb, 1821a, 21.
- spirula* Olfers in Rud., 1819a, 63–64, 310–311, 665–666 (in *Simia rosalia*; Brazil).—Cobbold, 1876e, 91; 1879, 256, 292, 298, 413.—Crep., 1846, 326–327.—Dies., 1851a, 21 (in *Cebus apella*, *Iacchus rosalia*, *Nasua narica* in Brazil; *Simia inuus* at Greifsw.).—Duj., 1845a, 499.—von Ihering, 1902a, 45, 48 (in C. sp., *Midas sp.*, N. sp.).—Kaiser, 1893a, 119.—Leuck., 1876, 729, fig. 350; 1879, 143, fig. 71; 1886d, 110, fig. 71.—Linst., 1878a, 6 (in I. ecaudatus, N. socialis); 1897, 33, figs. 20–21.—Lühe, 1904f (1905b), 154; 1905a(b), 305–307 (in *Midas rosalia*, N. n., S. apella).—Moniez, 1896a, 419.—Porta, 1908, 277 (so. *Gigantor. hirundinaceus*).—Schlotthauber, 1860, 130.—Shipley, 1905i, 249 (in *Lemur brunneus*, L. coronatus, *Perodicticus potto*; W. Coast Africa, Madagascar).—Westrumb, 1821a, 4, 48, 50, 51, 52, 53, pl. 1 fig. 16, 2 figs. 16–20.—Also reported for *Cebus fatuellus*, *Hapale rosalia*.
- stellaris* Mol., 1858d, 143 (in *Anas boschas*; Padua); 1861c, 253, 271–272, pl. 8 fig. 3, 11 (in A. b.; P.).—Dies., 1859, 742.—Linst., 1878a, 153 (in A. b.); 1902, 231 (in *Glaucion clangula*, *Tetrao tetrix*).—Lühe (1904f) 1905b, 210; 1905a(b), 340 (so. *filicollis*).—Marval, 1905a, 263, 267, 269 (so. f.).—Also reported for *Fuligula cristata*.

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- sternæ* Rud., 1819a, 78 (in *Sterna cantiaica*; C. E. V.).—Dies., 1851a, 28 (so. linearis).—Lûêhe, 1904f (1905b), 244; 1905a(b), 307 (=lin.).—Marval, 1905a, 292 (so. l.).—Westrumb, 1821a, 10 (=lin.).
- striatus* Gœze, 1782a, 152 (in *Ardea cinerea*; by Graf Borke).—Bellingh., 1844, 258.—Dies., 1851a, 45 (s. ardeæ, mutabilis) (in A. c., A. leuce, A. nycticorax, A. cayennensis, A. virescens, Anas olor, Alcedo torquata, Falco albicilla, Platalea ajaja; Brazil, M. C. V., Coll. Gœze); 1859, 748.—Duj., 1845a, 519.—Fuhrm., 1908, v. 10(1), 22, 23 (in *Ardea*, *Ceryle*, *Platalea*, *Tantalus*).—von Ihering, 1902a, 46, 47 (in *Ardea*, A. c., *Buteo*, *Ceryle*, *Cygnus olor*, *Circus*, *Haliaëtus albicilla*, *Milvus*, *Nycticorax*, *Platalea*, *Tantalus*).—Lam., 1816, 199.—Leidy, 1856b, 48 (in *T. loculator*).—Linst., 1878a, 72, 143; 1889a, 30 (in *Ard. l.*, *Megaceryle torquata*); 1902, 230, figs. 29–31 (in A. c.).—Lint., 1892l, 92–93, figs. 18–25 (in *Oedemia americana*; Wyo.).—Lûêhe, 1904f (1905b), 175, 231; 1905a(b), 254, 262, 278, 307–308, 323 (so. hystrix, ardeæ) (in A. c.); 1911a, 55, figs. 74–75 (in A. c., *Ardetta minuta*, *Botaurus stellaris*, *Cygnus olor*, *Haliaëtus albicilla*, *Herodias alba*, *Mergus serrator*, *Nycticorax nycticorax*, *Nyroca ferina*, *Sterna minuta*).—Marval, 1905, 204, 207, 208, 213, 214, 215, 270, 284, 317, 318–321, pl. 3 figs. 84, 85, 97 (s. ard., mutabilis) (in A. c., A. cocoi, *Ajaja ajaja*, *Ardetta minuta*, *Bot. st.*, *Botaurides virescens*, *Cyg. o.*, *Ceryle torquata*, *Haliaëtus albicilla*, *Herodias egretta*, *H. alba*, *Merganser serrator*, *Nyroca ferina*, *Nycticorax griseus*, *Oidemia americana*, *Sterna minuta*, *Tantalus loculator*).—Mol., 1858, 143; 1861c, 266–267, 268, pl. 8 fig. 7 (in A. c., A. l., A. cay., A. nycticorax, A. vir., *Alcedo tor.*, *Anas olor*, *Falco alb.*, *Plat. aj.*, *S. m.*).—Mûeh., 1898, 56.—Nordm., 1840, 643 (so. ard.).—Olfers, 1816a, 50.—Rennie, 1907, 443, 444, 445, fig. 1; 1909, 41, 42, 43, fig. 1.—Rud., 1809a, 263–264 (in A. c.); 1819a, 74, 329–330, 670 (in intest. A. c., *Anatis olor*, *Falconis albicillæ*; C. E. V.).—Schränk, 1788a, 22.—Stiles & Hass., 1894e, 352 (in *Ard. herodias*, *Tant. loc.*).—Stoss., 1890, 54; 1891, 113(5), 219 (in *Egretta alba*, *Bot. st.*; Trieste); 1895, 39; 1897, 7; 1898, 136.—Van Cleave, 1916, 173.—Villot, 1875, 473–474, pl. 14 figs. 1–3 (in *Carbo cormoranus*; Roscoff).—Westrumb, 1821a, 30–31, 46.—Wolffh., 1900, 10, 61.—Zed., 1803a, 155 (in A. c.).
- stridulæ* Rud., 1809a, 275 (so. tuba) (in *Strix stridula*; Gœze, 1782a, 153, pl. 11 fig. 8–12).—Dies., 1851a, 37 (so. t.).—Cond.-Franc., 1892, 225.—Lûêhe, 1905a (1905b), 308 (in S. s.).—Marval, 1905, 217, 219 (so. aluconis).—[Schränk, 1788, 23 (named nyctæ).]—Westrumb, 1821a, 23 (=t.).
- strigis* Gmel., 1790a, 3045 (in *Strix stridula*; Gœze, 1782a, 153, pl. 11 figs. 8–12).—Bosc, 1802a, 6.—Lûêhe, 1905a(b), 265, 308, 320 (s. nyctæ).—Marval, 1905, 217, 219 (so. aluconis).—Rud., 1809a, 275 (=tuba).—[Schränk, 1788, 22 (nyct.).]—Westr., 1821a, 23 (cf. t. and æqualis).
- strigis-auriculatæ* Rud., 1809a, 277 (so. æqualis) (based on Gœze, 1782a, 154, pl. 11 fig. 13); 1810a, 352.—Lûêhe, 1905a(b), 309 (=sp.).
- strigis-auriculatæ* Marval, 1905a, 217, 219 (so. aluconis) (for str.-auriculatæ).
- strigis-auriculati* Dies., 1851a, 38 (so. æqualis Zed.) (based on Gœze, 1782a, 154, pl. 11 fig. 13).
- strigis-oti* Viborg, 1795, 243 (in *Asio otus* [nv.]).—Lûêhe, 1905a(b), 309 (in *Strix otus*=A. o.).
- strigis-stridulæ* Rud., [1809a, 275;] 1810a, 352 (for *stridulæ*) (so. tuba) (in *Strix stridula*; Gœze, 1782a, 153, pl. 11 fig. 8–12).—Lûêhe, 1905a(b), 309.
- strumosus* Rud., 1802a, 63–64 (in *Seehund*; by Rud.); 1809a, 293–294, pl. 4 fig. 3 (in *Phoca vitulina*); 1819a, 73–74 (in P. v.).—Bellingh., 1844, 258.—Ben., 1858a, 1861a, 286.—Burow, 1836a, 1–28, 1 pl.—Cobbald, 1879, 314.—Crep., 1839a, 285.—Dies., 1851a, 47–48 (in P. v., *P. hispida*, *P. gryphus*; Mus. Greifsw., Ireland); 1859, 750.—Duj., 1845a, 502 (in P. f., *P. grypus*, *P. v.*, *P. variegata*; Germany, I.).—Forsell, 1904, 175, 176, 177, 178, 179.—Cond.-Franc., 1892, 229.—Kaiser, 1893a, 2, 16–17, 18, 21, 24, 27, 30, 31, 34, 35, 36, 69, 71, 89, 91, 108, 109, 110, 111, 112, 113, 114, 118; 1893b, 14, 21, 29, 42, 48, 71, 80, 89, 90, 92, 94, 95, 96, 97, 98, 99, 116, 118, 126, 127, 146, pl. 6 fig. 42–48, pl. 8 figs. 2, 4–6, 10, 15.—Lam., 1816, 200.—Leuck., 1876, 735, 744, 746, 763.—Linst., 1878a, 42 (in *Halichærus grypus*); 1901, 277–278; 1902, 231 (in *Phocæna com.*); 1903, 277; 1905dd, 2 (s. gibbosus), 3–17, pl. 1 fig. 2–6 (adult in *Delphinus phocæna*, H. g., *Phoca annulata*, *P. f.*, *P. hispida*, *P. vit.*; larva in *Cyclopterus lumpus*, *Lophius piscatorius*, *Platessa flesus*, *Petromyzon fluv.*, *Trachinus draco*; Zarjahafen).—Lûêhe, 1904f (1905b), 215, 231 (type

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- strumosus*—continued.
 of *Corynosoma*); 1905a(b). 309, 326 (cf. *phocæ-vitulina, gibbosus*) (in P. v.); 1911a, 36, 37.—Marval, 1905, 198, 366.—Mueh., 1898, 4, 13, 23, 56, 79, 110–114.—Nordm., 1840, 547, 644.—Olfers, 1816a, 51.—Olss., 1893a, 36, 37 (in P. *annelata*; Baltic).—Porta, 1906, 245.—Rail., 1899, 128.—Schneid., 1903, 6, 29–31.—Schneid., 1911, 16 (in *Gadus callarias, Rhombus maximus*).—Shipley, 1896, 183; 1900, 439.—Sieb., 1837, 258; 1839, 160; 1845, 206.—Stoss., 1901, 103 (15), pl. 6 figs. 6–9 (in P. vit.; North Sea).—Westrumb, 1821a, 32.—Zed., 1803a, 158 (in P. v.).
- sturionis* Gmel., 1790a, 30, 50 [in *Acipenser sturio*]; Gœze, 1782a, 157).—Bennet & Olivier, 1826a, 38 (in *Acipenser sturio*).—Lühe, 1904f (1905b), 246; 1905a(b), 309–310 (in A. s.).—Rud., 1809a, 318 (in A. s.); 1819a, 79 (in A. s.).—Zed., 1803a, 164 (in A. s.).
- subcutaneus* (Rud., 1819a) Dies., 1851a, 22 (so. *napæformis*).
- subglobatus* Zed., 1803a, 154 (see *sublobatus*) (in *Salmo salar*; Herm., 1782a, 172, pl. 4 figs. 8–10).—Baird, 1853a, 64 (= *proteus*).—Lühe, 1904f (1905b), 237; 1905a (b), 310 (cf. *salvelini, subl.*).—Rud., 1809a, 312 (= *subl.*) (in S. s.).—Westrumb, 1821a, 37 (= p.).
- sublobatus* Gmel., 1790a, 3049 (in *salaris junioris intestinis*; Hermann, 1782a, 172, pl. 4 figs. 8–10).—Baird, 1853a, 64 (= *proteus*).—Bosc, 1802a, 10.—Dies., 1851a, 52 (so. p.).—Lühe, 1905b, 237, 241, 310, 313 (cf. *salvelini, lævis*).—Porta, 1905, 193 (so. p.).—Rud., 1793a, 20–21; 1809a, 290, 312–313; 1819a, 80 (= *salmonum*).—Zed., 1803a, 154 (in *Salmo salar*).
- subulatus* Zed., 1803a, 159 (s. *alosa* Herm.) (in *intest. Alosa*; Herm., 1782a, 117, pl. 4 figs. 11–12).—Dies., 1851a, 46 (so. al.) (in *Alosa vulg.*).—Duj., 1845a, 540 (in *Clupea alosa*).—Hofer, 1904a, 236 (in A. v.).—Krøyer, 1846–53a, 218 (in A. *finta*).—Linst., 1878a, 269 (in A. v.).—Lühe, 1904f (1905b), 166; 1905a (b), 310 (so. al.).—Olfers, 1816a, 51.—Porta, 1905, 190 (so. *pristis*), 191.—Rud., 1809a, 300–301 (in *Clupea rhenana (alosa)*), 401, 438; 1819a, 75 (in C. a.).—Westrumb, 1821a, 31.
- sylviarum* Rud., 1819a, 77 (in *intest. Sylvie fitis, lusciniæ, philomelæ, phœnicuri, rubeculæ, rubicolæ, troglodytis*).—Dies., 1851a, 42 (so. *fasciatus*).—Lühe, 1904f (1905b), 204; 1905a (b), 259, 293, 310–311 (cf. *fasc.*) (in *Anorthura troglodytes, Erithacus rubecula, Luscinia lusciniæ, L. philomela, Pratincola rubetra, P. rubicola, Phylloscopus trochilus, Rutilicilla phœnicurus, Sylvia fitis*).—Marval, 1905, 249, 251 (so. *cylindraceus*).—Westrumb, 1821a, 27 (= *fasc.*).
- tæniæformis* Linst., 1890d, 179, fig. 4 (in *Caranx* sp; lng.); 1904, 380.—Porta, 1905, 187, fig. 43 (in C. sp.).
- tæniatus* Linst., 1901b, 419–420, figs. 20–22 (in *Numida rijkwæ*; Rukwa-See); 1904, 380; 1908, 28 (in *Pteroclorus namaquay*; Kalahari, Africa).—Fuhrm., 1909 (27), 36 (in N. *ptilorhyncha*; Egypt).—Geddes, 1911, 136 (in N. p.).—Kostylew, 1914, ZA, 187.—Lühe, 1905b, 280, 340.—Marval, 1905a, 197, 204, 212, 213, 307, 332–335, pl. 1 figs. 37–40 (so. *segmentatus*) (in N. *ptilorhyncha*, N. *rikwæ*, *Otis tarda*).
- tænioides* Dies., 1851a, 23 (in *Dicholophus margrafi*; Rio Araguay, Matogrosso); 1859, 742.—Crep. 1854a, 59–60 (in D. *cristatus*; Brazil).—Fuhrm., 1908, v. 10 (1), 23.—Linst., 1878a, 137 (in D. c., D. *marcgrafi*); 1904, 380.—Lühe, 1905b, 240, 342.—Marval, 1905, 198, 338, 339, 341, 347, 350 (so. *Gigantor. compressus*).
- tanagræ* Rud., 1819a, 673–674 (in *Tanagra*; Brazil).—Dies., 1851a, 55 (in *Oriolus*; B.).—Fuhrm., 1908, v. 10 (1), 22 (in T.).—von Ihering, 1902a, 46 (in T. sp.).—Linst., 1878a, 94 (in *Oriolus spec.*).—Lühe, 1905b, 311 (in T.; B.).—Marval, 1905, 205, 216, 364 (in O. sp., T. sp.).—Westrumb, 1821a, 40.
- tardæ* Rud., 1809a, 308 (in *Otis tarda*); 1819a, 77 (in O. t.; Greifsw.).—Dies., 1851a, 56 (in O. t.).—Duj., 1845a, 516.—Linst., 1878a, 137 (in O. t.); 1900, 375.—Lühe, 1904f (1905b), 158; 1905a (b), 311 (in O. t.).—Marval, 1905, 205, 216, 363 (in O. t.).—Westrumb, 1821a, 41.
- tener* Linst., 1906, v. 3 (11), 173–174, pl. 1 figs. 15–17 (in *intestine of Spilornis cheela*; Nedunkeni, N. Province).
- tenuicaudatus* Marotel, 1899d, 226–228 (in *Syrnium aluco*; by Marotel probably in France); 1899b, 291–302, figs. 1–10.—Lühe, 1905b, 167, 169, 217, 340, 343 (cf. *buteonis* Marval, 1904); 1911, 41.—Marval, 1905a, 240, 242, 245, 246 (so. *buteonis*).

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- tenuicollis* Frœl., 1802a, 69–70, pl. 2 figs. 15–16 (in Wildente; by Frœl.).—Baird, 1853a, 62 (= polymorphus).—Dies., 1851a, 49 (so. p.).—Lühe, 1904f (1905b), 183, 210, 311–312 (so. lævis) (= anatis Schrank not Gmel., tereticollis).—Marval, 1905, 234, 235, 265 (so. anatis Goeze).—Olfers, 1816, 51.
- tenuicollis* Westrumb, 1821a, 33 (= polymorphus), 80 (in *Perca schraeter*).—Lühe, 1905a (b), 312 (in *Acerina schraeter*) (is probably lapsus for tereticollis).
- tenuicornis* (Lint., 1891) Porta, 1905a, 191 (refers to *tenuicornis* Lint. as a var.).
- tenebra* Rud., 1819a, 668–669 (in *Scomber pelamys*; by Chamisso), 673.—Dies., 1851a, 40 (in *Pelamys sarda*).—Duj., 1845a, 535.—Linst., 1878a, 220 (in P. s.).—Lühe, 1905a (b), 312–313 (in *Thynnus pelamys*).—Porta, 1905, 190, 192 (so. pristis).—Westrumb, 1821a, 25.
- teres* Westrumb, 1821a, 18 (s. picæ) (in *Corvus monedula*, C. pica; Wien).—Cond.-Franc., 1893, 80–81.—Dies., 1851a, 27 (s. p.) (in C. m., C. p.; M. C. V.).—Duj., 1845a, 515 (in C. m.).—Linst., 1878a, 101 (in C. m.).—Lühe, 1905a (b), 272, 313 (s. p.) (in *Lycus monedula*, *Pica pica*).—Marval, 1905a, 204, 211, 328–332, pl. 2 figs. 48–50, 60 (s. p., hepaticus) (in C. cornix, C. m., P. p.).—Ols., 1893a, 35, 36 (in *Caryocatactes guttatus*).—Stoss., 1891, 113 (5) (in C. c.; Trieste); 1892, 67; 1898, 134.
- tereticollis* Rud., 1809a, 260, 280, 284, 287 (s. lævis, attenuatus, longicollis, dobulae, piscinus, *Tænia longicollis*) (in *Blennius viviparus*, *Cottus scorpius*, *Cypripinus* [various species], *Gadus lota*, *Pleuronectes flesus*, *Perca cernua*, P. fluv., *Murena anguilla*, *Salmo trutta*; by Rud. & Zed., Europe), 310; 1810a, 376 (in intest. Blennii); 1819a, 72, 78, 79, 80, 328, 672 (in intestinis *Accipenseris sturionis*, Bl. v., C. sc., G. l., P. c., P. fluv., *Siluri glanidis*; in ventriculo Pl. fl.; in *Accipensere husone*, *Cotto gobio*, *Gado merlangi*; Wien).—Baird, 1853a, 63 (= proteus).—Bellingh., 1844, 257.—Cobbold, 1858b, 157 (in *Blennius pholis*).—Crep., 1829, 44–45; 1837, 310; 1839, 284.—Dies., 1851a, 52 (so. p.).—Kaiser, 1893b, 72.—Krøyer., 1838–40a, 20, 54, 129, 138, 368, 578, 579, 583, 602, 609, 611 (in *Acerina cernua*, A. vulg., *Cottus bubalis*, C. sc., *Lota vulg.*, P. fluv., *Platessa flesus*, *Zoarces viviparus*); 1843–45a, 184, 297 (in L. vulg., P. flesus); 1846–53a, 137, 641 (in *Anguilla migratoria*, Sil. gl.); 1852–53a, 1216 (in S. g.).—Linst., 1878a, 229 (in *Pholis lævis*).—Lühe, 1904f (1905b), 180, 207, 237, 241; 1905a (b), 264, 268, 288, 310, 313 (so. lævis, cf. p.) (in Ac. st.).—M'Intosh, 1864, 151.—Olfers, 1816a, 51.—Porta, 1905, 193, 196 (so. p.).—Sieb., 1850, 642.—Westrumb, 1821a, 37 (so. p.).
- thecatus* Lint., 1891h, 528–529, pl. 2 [54] figs. 12–22 (in *Roccus americanus*; N. Y.); 1901b, 409, 456, 490 (in *Morone americana*; Woods Hole).—Porta, 1905, 162–163 figs. 16 a–c (in R. a.).
- thymalli* Schrank, 1803b, 220–221 (in den dünnen Dærmern der Aesche; Ing.).—Lühe, 1905a (b), 313–314 (so. lævis).
- tigrinæ* Shipley, 1903l, 151–152 (in *Rana tigrina*; Biscerat, Jalor).—Porta, 1908, 225, 230 (in R. t.); 1911, ZA, 377–378 (in R. t.).
- todari* Chiaje, [n.v.].—Carus, 1885, 133 (in *Ommastrephes todarus*; Nap.).—Linst., 1889a, 117 (in O. t.).
- torquatus* Frœl., 1802a, 70–71 (in Wildente; by Frœl.).—Dies., 1851a, 49 (so. polymorphus).—Lühe, 1904f (1905b), 171, 209, 210; 1905a (b), 312, 314–315 (so. anatis Schrank=filicollis).—Marval, 1905, 263, 265 (so. f.).—Rail., 1893, 570 (=f.).—Westrumb, 1821a, 33 (=p.).
- tortuosus* Leidy, 1850b, 97–98 (in *Didelphys virginiana*; [U. S. A.]); 1856b, 48 (so. microc.); 1904a, 33, 91.
- totani* Porta, 1910, v. 35 (22), 701–702, figs. 3 a–b (in intest. *Totanus caulescens*=littoreus; Firenze).
- transversus* Rud., 1819a, 69, 321–322 (in intest. *Motacillæ stapazinæ*, *Sturni*, vulg., *Turdi cyanei*, T. n. sp., T. merulae, T. saxatilis; Mus. Wien).—Bellingh., 1844, 256.—Ben., 1858a, 1861a, 285.—Cobbold, 1876, 202; 1879, 446.—Cond.-Franc., 1893, 81–82.—Crep., 1846, 132; 1849, 64.—Dies., 1851a, 38 (in *Saxicola stapezina*, *Sylvia luscinia*, S. rubecula, St. v., Tur. cy., T. sax., T. mer., T. pilaris, T. galactotus, T. leucurus; Europe); 1859, 746–747.—Duj., 1845a, 510–511 pl. 7 fig. B. (in St. v., Syl. lus., S. rubecula, Sax. st., Tur. mer., T. gal., T. cy., T. leu., T. sax.; Rennes, Mus. Wien, Spain, Ireland).—Kaiser, 1893b, 117.—Koslytew, 1914, ZA, 186.—Linst., 1878a, 87; 1882a, 17–18, pl. 2 fig. 22; 1899a, 34 (in *Lusciola luscinia*).—Lühe, 1904f (1905b),

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- 205, 222; 1905a(b) 315–316 (in *Monticola cyaneus*, *M. saxatilis*, *Sturnus v.*, *Sax. st.*, *S. leucura*, *Turdus n. sp.*, *T. mer.*, *T. gal.*, *T. leu.*).—Marval, 1905, 249, 251, 254, 255, 257, 259, 262 (so. *cylindraceus*).—Mol., 1858, 142; 1861c, 264 (in *T. m.*; *Padua*).—Par. 1887, 365–366; 1899, 16; 1899, 100 (in *Merula nigra*; *Portoferrajo*); 1902, 16 (in *M. n.*).—Stoss., 1898, 135.—Wagener, 1857, 79, 83, 84.—Westrumb, 1821a, 20 (in *intestinis Turdi cy.*, *gal.*, *leu. mer.*, *sax.*, *Sturni vulg.* et *Motacillæ st.*).
- trichiuri* Holten, 1802a, 26–27, pl. 2 fig. 7 (in abd. cav. of *Trichiurus gladius*).—Lühe, 1905b, 317 (so. *Tetrar. linguatula*=*Dibothrior. trichiuri*) (in *T. g.*=*Lepidopus caudatus*).
- trichocephalus* Leuck., 1876a, 735, 737, 802 (hng.; Florida).—Kaiser, 1893a, 2, 12–13, 14, 15, 17, 21, 22, 27, 30, 31, 32, 34, 35, 65, 69, 71, 76, 108, 115, 116, 117, 118; 1893b, 12, 14, 16, 29, 42, 43, 48, 81, 84, 89, 90, 92, 93, 95, 96, 97, 98, 99, 103, 104, 105, 126, 127, pl. 1 fig. 23, pl. 2 fig. 17, pl. 6 fig. 16–25, 29, 30, pl. 8 fig. 7, 8, 11–13, 16–18, 23, 26.—Lühe, 1905b, 255, 340.—Marotel, 1899, 302.—Marval, 1905, 270, 271, 275, 276, 277 (s. *frasonii*).—Van Cleave, 1916, 167.
- trichuris* Blumenb., 1779a, 410 (in cecum of *Homo*; quotes Wrisberg, Gœtt.).—Lühe, 1905b, 317 (so. *Trichuris trichiura*) (in *H.*).
- trigla* Rud., 1819a, 80 (in *Trigla adriatica*; *C. E. V.*).—Lühe, 1905a(b), 301, 317 (cf. *simplex*) (in *T. a.*).—Porta, 1905, 171 (so. *acus*).
- trigl[æ]-gurn[ardi]* Rathke, 1799a, 72, 146, pl. 2 fig. 5 a–b (in *Trigla gurnardus*; Rathke).—Dies., 1851a, 41 (so. *simplex*).—Lühe, 1905a(b), 301, 317 (cf. *s.*) (in *T. g.*).—Rud., 1809a, 270 (so. *s.*) (in *T. g.*).—Westrumb, 1821a, 19 (=s.).
- tritonis* Westrumb, 1821a, 42 (in *Triton alpestris*; *M. C. V.*).—Dies., 1851a, 57 (in *T. a.*).—Linst., 1878a, 205 (in *T. a.*).—Lühe, 1904f (1905b), 166; 1905a(b), 317 (in *Molge alpestris*).—Porta, 1908, 232.
- truttae* Dies., 1851a, 51 (so. *proteus*) (quotes Fabr., 1794, 38, pl. 4 figs. 4–6, in *Salmo trutta*; see *annulatus*).—Porta, 1905, 193 (so. *p.*).
- truttae* Schrank, 1788a, 24 (in *Forelle*=*Salmo fario*; Goeze, 1782a, 157–158, pl. 12 figs. 5–6); 1803, 220 (in *Gründling*).—Bosc, 1802a, 10.—Brems., 1811, 26 (so. *farionis*).—Dies., 1851a, 33 (so. *fusiformis*).—Gmel., 1790a, 3049.—Lühe, 1905b, 204, 234, 298, 318–320 (cf. *sp. fusæf.*, *fusif.*) (in *S. f.*, *S. trutta*, *Thymallus thymallus*).—Porta, 1905, 157 (so. *fusif.*).—Ritchie, 1915, 34 (in *s. f.*).—Rud., 1809a, 262 (so. *fusif.*); 1814, 95; 1819a, 67, 317.—Westrumb, 1821a, 16 (so. *fusif.*).—Zed., 1803a, 153 (renamed *fusæformis*) (in *Salmo trutta*).
- tuba* Rud., 1802a, 57–59 (s. *aluconis*) (in *Strix flammea* [not *S. aluco* as at first reported by Rud.]); 1809a, 262, 275–277 (s. ? *aluconis*, *stridulæ*, *nyctæ*, *strigis*) (in *S. aluco*, *S. stridula*, *S. fl.*); 1814, 96; 1819a, 70, 324 (in *S. bubo*, *S. a.*, *S. s.*, *S. f.*; *Wien*, *Greifswald*).—Cond.-Franc., 1892g, 224–232; 1892h, 178–186.—Crep., 1848a, 163–165.—Dies., 1851a, 37 (s. *al.*, *str.*, *nyc.*) (in *S. al.*, *S. f.*, *S. b.*, *S. s.*, *S. tangmalmi*; *G.*, *M. C. V.*).—Duj., 1845a, 508–509.—Kaiser, 1893b, 74.—Linst., 1878a, 103, 107 (in *Nyctale tengmalmi*, *S. s.*, *Ulula aluco*).—Lühe, 1904f (1905b), 163, 167, 169, 219; 1905a(b), 265, 308, 320, 321 (s. *aluconis* of Rud.).—Loennb., 1891, 76.—Marval, 1905, 217, 219, 226 (so. *al.*, *Muell.*)—Olfers, 1816a, 49, 50.—Ols., 1893a, 36.—Westrumb, 1821a, 23, 44, 45, 61.—Zed., 1803a, 153–154 (in *S. s.*, *S. a.*).
- tuberosus* Zed., 1803a, 163 (*rutili* *Muell.* nec Zed. renamed) (in *Cyprinus rutilus*; quotes *Muell.*, 2, pl. 61 figs. 1–8).—Cobbold, 1879b, 477.—Crep., 1825a, 26–29; 1846, 150, 152, 154, 155.—Dies., 1851a, 33 (so. *rut.*) (in *Anguilla vulg.*, *Belone acus*, *Esox lucius*, *Gasterosteus aculeatus*, *G. pungitius*, *Leuciscus rutilus*, *Lota com.*, *Perca fluvi.*, *Rhombus maximus*; *Greifsw.*); 1859, 745.—Duj., 1845a, 538 (in *G. lævis*).—Hofer, 1904a, 236 (in *A. v.*, *Alburnus lucidus*, *E. l.*, *G. a.*, *G. p.*, *Leuciscus r.*, *Lota vulg.*, *P. fluvi.*, *Phoxinus lævis*).—Kaiser, 1893a, 89, 90, 107; 1893b, 117.—Kowal., 1894, 8; 1894, 227.—Kröy., 1838–40a, 578, 592, 593, 609, 612; 1846–53a, 446; 1852–53a, 1221, 1225, 1226 (in *Aspius alburnus*, *Anguilla migratoria*, *E. l.*, *G. p.*, *G. a.*, *Leuc. r.*, *Lota v.*, *Perca fluvi.*, *Rho. max.*).—Lam., 1816, 198–199.—Leuck., 1876, 755.—Linst., 1878a, 207, 244 (in *P. fluvi.*, *R. m.*).—Lühe, 1905a(b), 275, 295, 297, 321 (s. *rut.*, *Muell.* nec Zed.).—Nordm., 1840, 642 (in *Cyp. rut.*) (s. *rut.*).—Olfers, 1816a, 50.—Ols., 1893a, 32 (in *G. a.*, *P. fluvi.*).—Porta, 1905, 156, 157 (so. *clavæceps*).—Rud., 1809a, 257–258, 304, 316 (in *C. r.*); 1819a, 65, 312 (in *C. r.*); 1820, 14.—Stiles & Hass., 1894e, 353 (in *Esox reticulatus*).—Wagener,

ECHINORHYNCHUS—Continued.

tuberosus—continued.

1857, 80, 83, 84, pl. 36A fig. 5.—Westrumb, 1821a, 9.—Zsch., 1896, 818; 1903, 130, 132, 135, 136.—Also reported for *Esox belone*, *Gadus lota*, *Pleuronectes maximus*, *Salmo fario*.

tubifer (Fabr., 1780) Gmel., 1790a, 3044 (in *Phoca barbata*).—Bosc, 1802a, 5.—Crep., 1844a, 128 (*Echinorr.*).—Lühe, 1905a(b), 322, 333 (= *Asc. tubifera* = *A. urksuk* = *Lior. gracilescens*).—Nordm., 1840, 646 (so. L. g.).—Rud., 1809a, 248 (so. L. g.).—Zed., 1803a, 160–161 (in Ph. b.).

tumescens Linst., 1896a, 12, figs. 20–23 (in *Atherinichthys microlepidotus*; Coll. Mich.).—Porta, 1905, 162, 202, fig. 8, a–d (in A. m.).

tumidulus Rud., 1819a, 69 (from Brazil). 320–321, 593, 666–667 (in *Crotophaga ani*, [C. minor, 738], *Falco albicollis*; B.).—Cond.-Franc., 1893, 79, 80.—Dies., 1851a, 30 (s. caudatus) (in C. a., C. major, *Cuculus melacoryphus*; B.).—Fuhrm., 1908, v. 10 (1), 22, 23 (s. buteonis) (in Croto., *Coccyzus*; B., Europe).—von Ihering, 1902a, 46 (in *Crot. sp.*, Co. sp.).—Linst., 1878a, 71 (in C. a., C. major, *Cuc. mel.*).—Lühe, 1904f (1905b), 168, 185, 207, 218, 234, 238, 250; 1905a(b) 263, 322–324 (pars cf. megac.).—Marval, 1905, 240, 241, 244, 245, 246 (so. but.).—Westrumb, 1821a, 22 (=caud.).—Also reported for *Cuculus sp.*

tummidus Mehl. in Crep., 1846a, 151 (in *Pleuronectes*; by Müell.).

turbinella Dies., 1851a, 54 (in *Delphinus hyperoodon*; M. C. V.); 1859, 751.—Ben., 1870, 358.—Borgström, 1892a (1895), in 1–60, 5 pls. figs. 1–54.—Cobbold, 1879, 427.—Jægers., 1891a, 128, 132, 134 (s. ruber) (in *Balaenoptera musculus*, B. borealis).—Linst., 1878a, 61; 1889a, 26 (in *Hyperoodon rostratum*); 1903u (1904a), 278 (14) (in B. b.; Murman coast.).—Lühe, 1905b, 284, 285, 340 (=porrigens of Kaiser).—Mont., 1887, 19.—Porta, 1906, 235, 244, 245, 247, 260, 262, 267, 268, 269 (in B. b., B. m.).; 1908, 4.—Shipley, 1899, 262, 263, 264, 265, 266, 268, 269, fig. 2; 1900, 208.

uncinatus Kaiser, 1893a, 2, 14–15, 21–22, 42, 116 (hng.; Fla); 1893b, 6, pl. 6 figs. 11–15.—Marval, 1905, 270, 271, 276, 277, 278 (so. frasonii).—Van Cleave, 1916, 167.

undulatus Nitzsch in Gieb., 1857a, 268 (94) (in intest., *Falco brachydactylus*; Germany).—Marval, 1905a, 205, 216, 364 (in *Circæus gallicus*).

urniger Duj., 1845a, 541–542 (in *Pleuronectes solea*; Rennes).—Dies., 1851a, 44 (in *Solea vulg.*).—Krøyer., 1838–40a, 612 (in S. v.).—Linst., 1878a, 248 (in S. v.).—Mont., 1887, 25.—Porta, 1904, 4; 1905, 176, 180, 181, 202, figs. 22 a–c (in *Gobius auratus*, *Labrus turdus*, *Lepidoleprus caelorhynchus*, *Myliobatis aquila*, *Solea vulg.*, *Zeus faber*).

uromaticis Fraip., 1882a, 102–103, figs. 8–10 (in *Uromastix acanthinurus*; from Algeria).—Linst., 1889a, 67 (in U. a.).—Lühe, 1905b, 240, 340.—Marval, 1905, 338, 340, 351, 352 (so. *Gigantor. compressus*).

vaginatus Dies., 1851a, 34 (in *Pteroglossus viridis*, *Pipra rupicola*, *Rhamphastos culminatus*; Brazil); 1859, 746.—Fuhrm., 1908, v. 10 (1), 22, 23 (in Pt., Rh., *Rupicola*).—von Ihering, 1902a, 45 (in Pt., Rh., *Rup.*).—Linst., 1873a, 68 (in Rh. c.).—Marval, 1905, 204, 208, 209, 211, 304, 335–337, pl. 4 figs. 117–119 (in *Dolichonyx oryzivorus*, *Podager nacunda*, Pt. vir., *Rup. crocea*, Rh. c.).

vanelli Gmel., 1790a, 3046 (in *Vanellus*; Gœze, 1782a, 155).—Bosc, 1802a, 7.—Dies., 1851a, 31 (so. lancea).—Lühe, 1904f (1905b), 241; 1905a (b), 258, 265, 324–325 (so. l.) (in V. vanellus).—Marval, 1905, 296 (so. l.).—Rud., 1809a, 308 (in *Tringa vanellus*; Gœze) (=l.); 1819a, 78 (in T. v.).—Westrumb, 1821a, 26 (=l.).—Zed., 1803a, 162 (in T. v.).

variabilis Dies., 1851a, 25 (in *Hypostomus lituratus*, H. melanopterus, H. plecostomus, H. auroguttatus, *Monochirus maculipinnis*; Brazil); 1859, 743.—Linst., 1878a, 247 (in M. m.).—Porta, 1905, 158, 159, 203, figs. 2 a–b (in H. a., H. l., H. m., H. p., M. m., *Pleuronectes sp.*).

vasculosus Rud., 1819a, 75, 334, 581 (in abd. et int. Spari [Bramæ] raji; Nap.).—Barbag. & Drago, 1903, 418 (in *Phycis mediterraneus*; Catania).—Crep., 1846, 154.—Dies., 1851a, 45–46; 1859, 748.—Duj., 1845a, 534 (in B. r.).—Krøyer., 1838–40a, 219 (in *Pagellus centrodontus*).—Linst., 1878a, 216, 248 (in *Lepidopus argyreus*, *Solea vulg.*); 1902, 230, figs. 32–34 (in L. peronii).—Lühe, 1905b, 154, 325.—Mol., 1861c, 268.—Porta, 1904, 4 (s. pumilio) (in *Gobius cruentatus*, *Pleuronectes manca*); 1905a, 183–184, fig. 36 (in B. r.,

ECHINORHYNCHUS—Continued.

vasculosus—continued.

E. p., Gob. cr., G. auratus, Gadus morrhua, Lepidopus argyreus, Lophius piscatorius, Merlucius vulg., Ph. med., Pl. manca, Sol. vulg., Zeus faber).—Stoss., 1898, 140.—Wagener, 1857, 80, 84.—Westrumb, 1821a, 29, 49.

ventricosus Rud., 1809a, 294–295 (in *Mustela putorius*; by Rud.); 1819a, 74 (in M. p.; Greifsw.).—Cond.-Franc., 1892, 229.—Dies., 1851a, 49 (in M. p.; Gr.).—Duj., 1845a, 501–502 (in M. vulg.).—Linst., 1878a, 39 (in *Fœtorius putorius*).—Lühe, 1905a (1905b), 325–326 (in *Putorius putorius*).—Müch., 1898, 56.—Olfers, 1816a, 51.—Porta, 1908, 271 (so. *Corynosoma strumosum*).—Westrumb, 1821a, 33.

versicolor Rud., 1814a, 96–97 (s. *constrictus*, *collaris*, *minutus*) (in *Anas fuligula*, *Fulica atra*; by Rud.); 1819a, 74, 330–331, 672 (in A. f., at Greifsw.; *Anas boschas fera*, F. a., etc.).—Bellingh., 1844, 258.—Bennet & Olivier, 1826a, 31, 32 (in A. boschas, A. fusca, *Fulica atra*, F. *chloropus*).—Crep., 1839, 285.—Dies., 1851a, 50 (so. *polymorphus*).—Jassoy, 1820a, 24–25 (in A. f.; G.).—Lühe, 1904f (1905b), 171, 208, 210; 1905a (b), 278, 311, 326 (cf. *anatis*).—Marval, 1905, 234, 235, 236, 239, 265 (so. *anatis* Gœze).—Nev.-Lem., 1912a, 845.—Nordm., 1840, 643 (so. *minutus*), 644 (so. *constrictus*).—Olfers, 1816a, 51.—Rail, 1893, 569 (=p.).—Stiles & Hass., 1894e, 352 (in A. dom.).—Westrumb, 1821a, 33 (=p.).—Also reported for *Anas anser*, A. *fusca*.

vesiculosus Schrank, 1790a, 124 (in *Fulica fusca*; Schrank); 1792, 116–117; 1803, 216.—Dies., 1851a, 49 (so. *polymorphus*).—Lühe, 1904f (1905b), 171; 1905a (b), 326 (in F. f.=*Gallinula chloropus*).—Kaiser, 1893b, 20.—Rail, 1893, 569 (=p.).—Rud., 1809a, 297 (in F. f.) (=constrictus).—Westrumb, 1821a; 33 (=p.).

visianii Dies., 1859e, 748 (for de visianii) (in *Gobius paganellus*; Padua).—Linst., 1878a, 229 (in G. p.).—Porta, 1905a, 178 (so. *incrassatus*).

wachnia Rud., 1819a, 79, 335 (in *Gadus wachnia*; Tilesius, 1810).—Dies., 1851a, 57 (in G. w.).—Linst., 1878a, 238 (in G. w.).—Lühe, 1905a (b), 327 (=sp. Tilesius).—Porta, 1905, 171 (so. *acus*).—Westrumb, 1821a, 41.

wedli Sons., 1896m, 438 (in *Erinaceus auritus*; Egypt).—Porta, 1908, AdP, 270 (so. *Chentrosoma buteonis*).

xenopeltidis Shipley, 1903l, 151, 156, pl. 16 fig. 3 (in *Xenopeltis unicolor*; Kwalla Aring).—Porta, 1911, 378 (in X. u.).

xiphias Gmel., 1790a, 3047 (in *Xiphias gladius*; Redi, 89, pl. 24 fig. 7).—Ariola, 1896a, 117; 1896b, 1; 1900, 437 [=Bothriotænia plicata].—Bosc, 1802a, 8.—Braun, 1895a, 1188.—Dies., 1850a, 591 (so. *Dib. plicatum*); 1851a, 591.—Lühe, 1904f (1905b), 143; 1905a (b), 328 (in X. g.) (s. *Tenia hæruca*, *Bothrioc. plicatus*).—Risso, 1826, 261.—Rud., 1809a, 308–309 (in X. g.); 1810, 257. 1819a, 136 (in X. g.; Berl.) (so. B. p.).—Zed., 1803a, 162 (in X.).

zenis Westrumb, 1821a, 11 (for fabri 1819a, 79) (so. *globulosus*).—Lühe, 1905b, 159, 328–329.

ECHINORHYNCHUS Schrank, 1790a, 123 (for Echinor.).—Crep., 1838a, 373–393; 1839a, 283.—Kœhler, 1888b, 422–423 (structure).—Lambl, 1859a, 45–49, figs. 12a–d (in intest. of Homo; apparently Prag, Austria).—Olfers, 1816, 22, 49.—Salensky (1873a).—Stiles & Hass., 1905b, 103.—Zsch. & Feuer-eissen, 1913, v. 23 (14), 313–317, figs. 1–3.

ECHINORYNGUS Sherborn, 1902a, 319 (quotes Beschæf. Ges. Nat. Freunde, 1779, v. 4, 543).—Stiles & Hass., 1905b, 103.

ECHINORINCHUS Bosc, 1802a, 1–4 (for Echinor.).

ECHINORYNCHIDÆ Campb. & Lacr., 1907, 67–68 (for Echinorhynchidæ).

ECHINORYNCHUS Müell., 1776a, 214 (see Echinor.); 1779a, 90.—Brug., 1791a, 107.—Herbst, 1787a, 14, 21, 41.

ECHINORYNCUS Rathke, 1799, 71.

ECHINOSOMA Porta, 1907, Biologica, v. 1 (19), 412–413 (contains: E. gibber, vasculosus, miliaris, roseus, arcuatus, tæniæformis, lateralis, heteracanthus, exiguus, pristis, solitarius, nardoi) [not Echinosome Serv., Orthopt; Woll., 1854, Coleopt.; Semp., 1867, Echin.; Girschner, 1881, insect]; 1910, v. 2 (3) (1908), Jhg. 74, 190 (Acanthocephala); 1914, ZA, v. 44, 483–485.—Lühe, 1912, 275.

filicollis (Rud., 1809) Porta, 1910, ZA, 703 (s. Ech. miliaris) (in *Cyprinus dobula*). *peposacæ* Porta, 1914, ZA, v. 44, 483–485, figs. 1–2 (in *Melopiana peposaca*; Argentina).

- ECHINOTHECÆ Dies.—Carus, 1863, v. 2, 463 (div. of Trichosomum, contains subg. Thominx, Eucoleus).
- ECHINURIA Soloviev, 1912, 88, 110-115, figs. 13-15 (type jugadornata) (like Spiroptera).—Seur., 1916, 354.—Skrj., 1916, CrSB, 972; 1916, 506-507.
- jugadornata* Soloviev, 1912, 88, 110-115, figs. 13-15 (in *Anas boschas*; Turkestan).—Skrj., 1916, 460, 507-508, figs. 22-24 (in A. b.).
- phænicopteri* (Seur., 1916) Seur., 1916 (1917), CrSB, 934 (1).
- spinifera* (?Schneid., 1866a) Soloviev, 1912, 112 [quotes Rud. as author of sp.].
- uncinata* (Rud., 1819) Soloviev, 1912, 112, 113, 115.—Seur., 1916 (1917), 934 (1) (in canard).
- ECHIRAMPUS Raf., 1815a, 151 (Echynorinchus, renamed, hence same type.—Stiles & Hass., 1905b, 150).
- ECHYNORHYNCHUS Joy, 1835a, 504 (for Echinor.).
- ECHYNORINCHUS Raf., 1815a, 151 (for Echinor.) (renamed Echirampus, hence, same type).
- ECHYNORYNGUS Bloch, 1779a, 543, 545, 555.
- ELÆOPHORA Rail. & Henry, 1912, BSPE, 117 (tod. Fil. poeli).
- poeli* (Vryburg, 1897) Rail. & Henry, 1912, 117.—Rail., 1915, 509; 1915, IVC, 747 (in buffalo, ox).—Sweet, 1915, 10, 11, 32 (in *Bos bubalis*, *B. indicus*).
- ELAPHOCEPHALUS Mol., 1860e, 343-344 (mt. octocornutus) [not Elaphocephalus Macleay, 1878, reptile, see Zool. Rec. 1880 (for 1878), v. 15 Rept., 12].—Carus, 1863, 462.—Ols., 1869b, 487.—Stiles & Hass., 1905b, 103.
- octocornutus* Mol., 1860e, 344 (s. Spiropt. psittaci-macaonis) (in *Psittacus macao*; Brazil).
- Elephantiasis (filarial; see also Filariasis and Fil. bancrofti).¹
- (BAHIA) Moniz, 1913, Bm, v. 27, 203-206, fig. 1.
- (BRITISH GUIANA) Daniels, 1898e, 878, 879, 880; 1901b, 409.—Daniels & Congers, 1896a, 42-61.—Kennard, 1898a, 44-46 (and deep-seated abscess).
- (CANAL ZONE) Darling, 1909, PCZMA, v. 1, 175-178.
- (EGYPT) Looss, 1905c, 149, 150, 165.
- (FRANCE) Brassac, 1886a, 411-551.—Calmette, 1884a, 456-466.—Cégan, 1894a, 1-77.—Dominici, 1901a, 356-394, figs. 60-64.—Dufougeré, 1907, v. 1, 1-56, pls. 1-13; 1908, BIP, v. 6 (15), 691-692.
- (INDIA) Calvert, 1903, IMG, v. 38 (5), 180.—Lewis, 1875c, 133 (and chyluria).
- (LOND.) Bahr, 1914, AST, v. 18, 849-850; 1914, TICM, (2), 295; 1914, TDB, v. 4 (3), 133.—Cobbold, 1879c, 129-134.—Cobbold & Mans., 1878a, 465; 1878, GmB, v. 3 (9), 391-395.—JTM, 1905, v. 8 (13), 207.—Mans., 1903e, 569-573, 585-586; 1904, TD, 548; 1908, L, v. 174, 1552-1553.
- (MONTPELLIER) Vermeil, 1904a, 1-57.
- (PARIS) [Ruette, 1802a, 1-70 (les malad. lépreuses)].—Sabouraud, 1892a, 879.—Tribondeau, 1902a, 1419-1420.
- (PHILA.) [Siegfried, 1879a, 249-251 (leprosy)].
- (PORTUGAL) Gomes, 1821b, 1-10.
- (U. S. A.) Russ, 1911, JTMH, v. 14 (2), 32.
- Arabum: (AUSTRIA) Hebra, 1885a, 217-284, figs. 1-11 (s. Elephantia, Elephantopus, Dal fil, Dau-ool fil, Djudam, Judam, Shlipada, Koshavridcki, Bucnemia tropica, Hypersarcosis, Hydrokele endemica, Hernia carnosus, Spargosis fibro-areolaris, Sarcoma mucosum, Pachydermia, Pes febricitans, Phlegmasia malabarica, Elefantenfuss, Knollbein, Barbadosbein, Barbados leg, Drüsenkrankheit von Barbados, Cochlinbein, Mal de Cayenne, Roosbeen van Surinam); 1885b, 1-68.
- (BONN) Paulus, 1903a.
- (BRAZIL) Bulhões, 1887a, 217-225; 1887, MpD, v. 6 (22), 1212-1214.—Moniz, 1913, Bm, v. 27, 203-206, 1 fig.
- (BRETAGNE) Guyot, 1893a, 115-119.
- (CONSTANTINOPLE) Floras, 1888a, 598-616.

¹ Includes also a few references to Grecian elephantiasis.

Elephantiasis—Continued.

Arabum—Continued.

(CRACOVIE) Teichmann, 1892a, 1-54, pls. 1-5.

(FRANCE) Alfonseca, 1879, 1-128.—Barth, 1881a, 546-552, 677-690; 1882, MpD, v. 1 (2), 38-43.—Brochard, 1910, BSPE, v. 3 (6), 401-407.—Calmette, 1884a, 456-466.—Carmichael, 1890a, 1-70.—Castera, 1892a, 1-70.—Dubruel, 1909, BSPE, v. 2 (7), 355-359, 360-364.—Duchassaing, 1854a, 412-429, 706-716; 1855a, 72-76.—Vulpian, 1857a, 303-314.

(GR. BRIT.) Abbott, 1891, 1014-1015, figs. 1-2.—Fayrer, 1877a, 588.

(INDIA) Skah, 1902a, 64-65; 1903a, 293.

(ITALY) Lacava, 1917, PRq, (195), v. 9, 4-7.

(MONTPELLIER) Gillin, 1849a, 1-36.

(PARIS) Moncorvo, 1886a, 100-113, 160-172; 1886b, 1-35.—Pettier, 1885a, 1-60, pl. 1.

(TAHITI) Lemoine, 1902a, 391-413, figs. 1-16.

(U. S. A.) Jenks, 1875a, 707-711, figs. 1-2; 1876a, 1-5, figs. 1-2.

Cases: (AUSTRIA) [Fantin, 1905, Cv, v. 1, 269; 1906, DtW, v. 14 (2), 17 (in a horse)].

(BERL.) Rasch, 1896a, 1089-1090, fig. 1.

(BOSTON) Vickery, 1901a, 474-475.

(BRAZIL) Bulhões, 1887a, 217-225; 1887, MpD, v. 6 (22), 1212-1214.

(BREST) Guyot, 1892a, 192-197, figs. 1-2.

(BRETAGNE) Guyot, 1893a, 115-119.

(CHICAGO) Johnstone, 1903a, 34-42; 1903b, 1188; 1903c, 338.

(CONSTANTINOPLE) Floras, 1888a, 598-616.

(DETROIT) Jenks, 1875a, 707-711, figs. 1-2; 1876a, 1-5, figs. 1-2.

(DEUTSCHLAND) Hentze, 1907, 1-27.

(GR. BRIT.) Abbott, 1891, 1014-1015, figs. 1-2.

(PHILA.) Bertolet, 1901a, 743-745, figs. 1-2.

(SIERRA LEONE) Renner, 1903a, 73-75.

Duration: (LOND.) Manson, 1903e, 586.

Elephantoid fever: (LOND.) Manson, 1903e, 575.

Eosinophilia: (PARIS) Brochard, 1910, Pm, v. 18 (98), 925; 1910, BSPE, v. 3 (9), 609-613, 1 table.

Etiology: (AMOY, CHINA) Siegfried, 1878a, 4-5.

(DENMARK) Haslund, 1903a, 1133-1149, 1157-1170; 1904a, 277.

(FRANCE) Dubruel, 1909, BSPE, v. 2 (7), 355-359.—Gros, 1892a, 365-379.

(LOND.) Cobbold, 1878h, 366.—Lowd, 1911, JTMH, v. 14, 83-86.

(U. S. A.) Shattuck, 1910, BMSJ, Nov. 10.

Geographic distribution: Mans., 1903e, 570.

(ALGERIA) Legrain, 1898a, 151-152.

(BENGAL) Megan, 1908, JTMH, v. 11 (18), 282.

(CEYLON) Thornhill, 1897a, 361-363.

(CUTTACK DISTRICT) Calvert, 1903, IMG, v. 38, 180 (among prisoners in the jail).

(DEUTSCH OSTAFRIKA) Grothusen, 1913, MBdS, 84-85.—Manteufel, 1913, MBdS, 84.

(FIJI) Bahr, 1912, 1-200, pls., maps; 1912, N, v. 89, 487; 1912, L, v. 182, v. 1 (19), 1280-1281.

(GILBERT AND ELLICE ISLANDS) Robertson, 1908, 18.

(ILES WALLIS) Brochard, 1910, BSPE, v. 3 (6), 401-407.

(MARTINIQUE) Noc & Stevenel, 1913, BSPE, v. 6, 663-668.

(M'BOMOU, HAUT-BOUANGUI) Ouzilleau, 1913, AHMc, v. 16, 307, 688 (Fil. volvulus); 1913, BSPE, v. 6, 80-88; 1914, MmW, v. 61 (31), 1755-1756.

(OSHIMA) Yoshinaga, 1914, AST, v. 18 (1), 886.

(L'OUVELLÉ) Rodhain, 1915, BSPE, v. 8, 734-745.

Elephantiasis—Continued.

Geographic distribution—continued.

- (SAMOA) Leber & Prowazek, 1914, AST, v. 18, 386-394, figs. 1-3.
 (SOUTH CAROLINA) Vickery, 1901c, 206.
 (SOUTHERN LUZON) Phalen & Nichols, 1908, PJS, v. 3B, 293-303, pls. 1-3; 1909, BkW, v. 46 (7), 308; 1909, JTMH, v. 12 (14), 221; 1909, CfB, v. 44 (5), 142.
 (TRAVANCORE) Waring, 1857a, 1-36.
 (TROPICS) Brault, 1901, GdH, v. 74 (53), 509-511; (54), 517-519; 1902, AST, v. 6 (11), 401.
 Glabra congenitus: (PHILIPPINES) Acosta-Sison, 1912, BMMS, v. 4 (12), 196-198; 1913, TDB, v. 2 (2), 97-98.
 Hæmatology: (PARIS) Tribondeau, 1903b, 997-999.
 Location: (LOND.) Mans., 1903e, 585.
 —, arms: (LOND.) Mans., 1903e, 593.
 —, genitalia: (CHICAGO) Lord, 1902a, 337-345, figs. 1-3.
 (FRANCE) Alfonseca, 1879, 1-128.—Bergeron, 1845.
 —, —, labia majora: (BRAZIL) Magal., 1878e, 375-390, fig. 1.
 (PARIS) Mondon, 1892a, 293-297.
 —, —, penis: (INDIA) Jones, 1900, IMG, v. 35 (4), 139-140.
 (ITALY) Andruzzi, 1915, AMnc, v. 21, v. 6 (1), 656-657; 1916, TDB, v. 7 (6), 362-363.
 —, —, scrotum: (ALGERIA) Legrain, 1894a, 362-366.
 (BAHIA) Souza, 1878a.
 (BRAZIL) Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.
 (BRIT. GUIANA) Gewand, 1896, v. 8, 70.
 (CHICAGO) Fenger, 1891a, 352-361.
 (DEUTSCH-SÜDWESTAFRIKA) Werner, 1902a, 79-82, fig. 1.
 (EGYPT) Looss, 1905c, 149.
 (FRANCE) Audain, 1902, AHMc, v. 5 (3), 494-496; 1906, Lm, v. 10 (2), 58-59.—Kieffer, 1900, AHMc, v. 3, 134.—Jourdan & Buffon, 1897, AMn, 370.
 (HABANA) Galvez, 1857a.
 (ITALY) Andruzzi, 1915, AMnc, v. 6 (1), 656-657; 1916, TDB, v. 7 (6), 362-363.
 (LOND.) Cobbold, 1878h, 369.—Lewis, 1877a, 453-455, figs. 1-3; 1877b, 770-771.—Mans., 1903e, 587, 588, 589, 590, 591, 592.
 (NEW CALEDONIA) Taroni, 1887a, 1-51, figs. 1-2.
 (PARIS) le Dentu, 1906, RMHt, v. 3 (2), 72-76.—Robert, 1898a, 139-142.—Vollemier, 1873a.
 (U. S. A.) Fenger, 1891a, 352-361, figs. 1-3.
 —, —, testicle: (PARIS) le Dentu, 1890a, 763-764.
 —, —, vulva: (SIERRA LEONE) Renner, 1898a, 898.
 —, leg: (BERL.) Ahna, 1911, BkW, v. 48 (49), 2226.
 (CANAL ZONE) Farmer, 1909, PCZMA, v. 1, 187.
 —, limited skin areas: (LOND.) Mans., 1903e, 593.
 —, "membre superieur": (PARIS) Tribondeau, 1900a, 107-135, figs. 1-2.
 —, scalp: (LOND.) Macdonald, 1905a, 97, pl. 1 figs. 1-4.
 Pathogeny: (PARIS) Tribondeau, 1902b, 1420-1422.
 Prevalence: (CEYLON) Thornhill, 1897a, 361-363.
 (LOND.) Mans., 1903e, 584.
 Prevention: (PORTUGAL) Gomes, 1821a, 1-60.
 Surgical symptoms: (PARIS) Magal., 1906, TM, 1-49; 1906, RMHt, v. 3 (4), 205-206.
 Treatment: (CEYLON) Cast., 1907, JTM, (18); 1908, BMJ, v. 2, 1361-1365, figs. 1-4; 1908, HC, v. 3 (20), 643.—Thomas, 1889a, 209.
 (EDINB.) Elder & Mathew, 1903, EMJ, v. 14 (6), 504-510, pl. 9 figs. 1-2; 1904, MmW, v. 51 (9), 403.

Elephantiasis—Continued.

Treatment—Continued.

- (FRANCE) Dubruel, 1909, BSPe, v. 2 (7), 360-364.
 (PORTUGAL) Gomes, 1821a, 1-60.
 —, Curschmann's drainage: (DEUTSCHLAND) Hentze, 1907, 1-27.
 —, elastic bandages: (EGYPT) Looss, 1905c, 149.
 (LOND.) Mans., 1903e, 586.
 —, electricity: (BAHIA) Silva Araujo, 1879c, 441-454.
 —, elevation: (EGYPT) Looss, 1905c, 149.
 (LOND.) Mans., 1903e, 586.
 —, "fibrolysine": (FRANCE) Clair, 1908, BSPe, v. 1 (5), 285-288, fig. 1; 1908, Pm, v. 16 (40), 315.
 —, massage: (EGYPT) Looss, 1905c, 149.
 (LOND.) Mans., 1903e, 586.
 —, operation: (CALCUTTA) Charles, 1901, IMG, v. 36; 84-99, figs. 1-17.
 (DEUTSCHLAND) Ahna, 1911, BkW, v. 48 (49), 2226 (Handleyische Operation).
 (DEUTSCH-SÜDWESTAFRIKA) Werner, 1906a, 729-735; 1907c, 221.
 (LOND.) Mans., 1903e, 590.
 (TAHITI) Lemoine, 1902a, 391-413, figs. 1-16.
 —, oscheotomy: (FRANCE) Jourdan & Buffon, 1897, AMN, 370.
- ENCHELIDIUM Ehrenb., 1836, 40-41, 57 (mt. marinum).—R. Bl., 1888a, 675.—Carus, 1863, 459.—Duj., 1845a, 238.—Leuck., 1867b, 31 (Euchelidium).—Mol., 1857a, 151.—Nordm., 1840, 546 (Enchilidium).—Shipley, 1896 (1901b), 157.—Stiles & Hass., 1905b, 104.—See also Enchilidium, Euchelidium, Enchelydium (see Scudd., 1884, 111).
- acuminatum* Eberth, 1863a, 24, pl. 3 figs. 4-5 (free; lng.).—Bast., 1865c, 140.—Villot, 1875a, 466 (Mediterranean).
grubii Bast, 1865c, 141 (lng.).
marinum (Müll., 1783) Ehrenb., 1836, 40-41, 57; 1838a, 82.—Bast., 1865c, 140.—Hempelm., 1912a, 108.—Man, 1907, 87 (Zealand).—Nordm., 1840, 547.
subrotundum (Eberth, 1863) Bast., 1865c, 140.
tenuicollis Eberth, 1863a, 23-24, pl. 3 figs. 1-3 (lng.).—Bast., 1865c, 140.—Southern, 1914, v. 31 (54), 14 (Blacksod Bay).
- ENCHELYDIUM. See Scudder, 1884, 111 (See Enchelidium.)
- ENCHILIDIUM Nordm., 1840, 664 (see Enchelidium).—Duj., 1845a, 238.—Schneid., 1866, 50, 51.
- ENOPLIDÆ A., D., & E., 1901b, 9 (for Enoplidæ).
- ENOPLIDÆ Baird, 1853a, 28.—Braun, 1883a, 160; 1895b, 212; 1906a, 274.—Cast. & Chalm., 1910a, 402; 1913a, 516.—Cobb, 1915, 115 (contains: Demonema, Enoploides, Enoploaimus, Enoplus, Labyrinthost., Selachinema, Triodontolaimus).—Fiebiger, 1912a, 224.—Rollest., 1888a, 686.—Schneidem., 1896a, 304.—Shipley, 1896, 157.—Sl. & Sw., 1912a, 312.
- ENOPOLOIDES Savelev, 1912, TSN, 113-114 (tod. typicus) [not Enoplioides Fairmaire, 1886, insect.]
- murmanicus* Savelev, 1912, 114-115 (Kolafjord, Catharinahafen).
pellucidus Savelev, 1912, 115 (im Schlamme; Kolafjord).
tridentatus Savelev, 1912, 116 (Kolafjord).
typicus Savelev, 1912, 115 (im Schlamme; Kolafjord).
- ENOPLOLAIMUS Man, 1893a, 118-122 (mt. vulgaris); 1904a, in 51 pp., 11 pls.—Savelev, 1912, TSN, 110-111.—Stiles & Hass., 1905b, 104.
- acantholaimus* Savelev, 1912, 112-113 (Kolafjord, Catharinahafen, Hirschenfjord).
australis Man, 1904a, 17-18, pl. 4 fig. 6 (on Eurypodius latreilli; Orange Bay, Terre de Feu).—Linst., 1907, AN, (for 1901), v. 2 (3), 172.
tenuicaudatus Savelev, 1912, 111-112 (Kolafjord).
vulgaris Man, 1893a, 119-122, pl. 7 fig. 13 (dans le sable de la plage de Trefusis près de la limite de la marée basse; Falmouth); 1907, 87 (Zealand).

- ENOPISTOMA** Mar., 1870a, 22-25 (type probably *hirtum*).—Büetsch., 1874b, 276 (so. *Enoplus*).—Stiles & Hass., 1905b, 104.—Villot, 1875, 456.
- brevicaudatum* Mar., 1870a, 24-25, pl. G figs. 2-2c (Joliette).
- hirtum* Mar., 1870a, 22-23, pl. F (Frioul, Endoume, Pharo, Joliette, etc.).—Villot, 1875, 459.
- minus* Mar., 1870a, 23-24, pl. G figs. 1-1h (Pharo, Joliette).
- ENOPLUS** Duj., 1845a, 230, 233, 235, 653 (*Tricontus*) (free) (type probably *tridentatus*) [not *Enoplus* Reiche, 1859, coleopt.; *Enoplus* Agassiz, 1846, for *Enoplosus* Lacép., 1802, fish; *Anoplus* Schoenh., 1826, coleopt.; Gray, 1840, reptile; Schl., 1842, fish].—Aur., 1883, 5.—R. Bl., 1888a, 675.—Carus, 1863, 459.—Eberth, 1863a, 31.—Leuck., 1867a, 31.—Linst., 1896a, in 1-21; 1900a, in 117-132, 2 pls.—Mol., 1857a, 151.—Pratt, 1916a, 216.—Rollest., 1888a, 677, 684.—Schneid., 1866a, 23, 28-29, 50-57, 83, 162, 192, 193, 213, 227, 236, 238, 242, 245, 251, 254, 286, 294, 300, 301.—Shipley, 1896a (1901b), 157, 160.—Stiles & Hass., 1905b, 104.—Stœdter, W., 1901a, 29, 96.—Southern, 1914a, 48-50.—Villot, 1875, 456, 459.—See also *Tricontus*.
- acutus* Villot, 1875a, 460, 465, pl. 11 fig. 6 a & b (Roscoff).
- alatus* Savelev, 1912, 109 (Catharinahafen, Palafjord).
- atratus* Linst., 1896a, 10, figs. 12-13 (free; Navarin, Puerto Toro).
- attenuatus* (Duj., 1845) Dies., 1851a, 125.
- auriculatus* Savelev, 1912, 109-110 (in *Lithothamnium murmanicum*; Parafjord).
- barbatus* (Carter, 1859) Eberth, 1863a, 42 (marine; Nizza).
- bisetosus* Linst., 1908, 27, figs. 14-15 (free; Lüderitzbucht, Africa).
- brevicaudatus* (Mar., 1870) Villot, 1875a, 460.
- brevis* Bast., 1865c, 150-151, pl. 12 figs. 176-177 (tide-pools; Falmouth).—Man, 1907, 87 (Zealand).—Pratt, 1916a, 216.—Villot, 1875, 465.
- bütschlii* Southern, 1914a, 50-52, pl. 8 figs. 23a-f (Clew Bay).
- cæruleus* Eberth, 1863a, 39-40 (marine; Nizza), pl. 4 figs. 6-12, pl. 5 fig. 3.—Bast., 1865c, 153-154.—Villot, 1875a, 466 (Med.).
- cirrhatus* Eberth, 1863a, 34-35, pl. 2 figs. 20-22, pl. 4 fig. 17, pl. 5 fig. 4 (free; Nizza).—Bast., 1865c, 153.—Villot, 1875, 463 (to *Discophora*).
- cochleiformis* Schneid., 1866a, 54 (for ? *cochleatus*).
- cochleatus* Schneid., 1866a, 54, 57-58 (im Meer, zwischen Algen; Helgoland), 233, 240, 294, pl. 4 figs. 9-13.—Büetsch., 1874b, 276 (so. com.).—Villot, 1875, 459.
- communis* Bast., 1865c, 148-149, pl. 12 figs. 164-166 (tide-pools; Falmouth).—Büetsch., 1874b, 276-277, fig. 35a-b (Kieler).—Ditlevsen, 1912; 231.—Man, 1907, 87 (Zealand).—Southern, 1914a, 50.—Villot, 1875, 459-460, 465, pl. 11 fig. 4 a & b, 5 (s. *cochleatus*, *Enoplost. hirtum*).
- coronatus* Eberth, 1863a, 37-38, pl. 3 figs. 13-19 (marine; Nizza).—Büetsch., 1874b, 272, 278.—Schneid., 1866a, 58.—Villot, 1875, 457 (to *Leptosomatium*).
- crassiusculus* Duj., 1845a, 235 (in water; Vilaine).—Bast., 1865c, 103 (to *Mononchus*).—Stiles & Hass., 1905b, 104.
- denticaudatus* Schneid., 1866a, 54, 58-59 (marine; Helgoland).
- diplechma* Southern, 1914a, 55-56, pl. 8, 9, figs. 25 a-j (Clew Bay).
- dujardini* Bast., 1865c, 149, pl. 12 figs. 168-170 (tide-pools; Falmouth).—Villot, 1875a, 465 (Eng.).
- edentatus* Linst., 1900a, 127-128, pl. 7 figs. 39-41 (Eismeer, nördlich Spitzbergen).
- elongatus* Duj., 1845a, 234 (in sea water; St. Malo).—Bast., 1865c, 151 (marine; St. M.).—Dies., 1851a, 125, 127 (to *Amblyura*).—Stiles & Hass., 1905b, 104.
- erythrophthalmus* Linst., 1896a, 11, figs. 17-18 (free; Uschuaia).
- globicaudatus* Schneid., 1866a, 54, 58, pl. 4 fig. 14 (marine; Helgoland).—Villot, 1875, 457.
- gracilis* Eberth, 1863a, 34, pl. 2 figs. 13-19 (marine; Nizza).
- inermis* Bast., 1865c, 150, pl. 12 figs. 173-175 (marine; Falmouth).—Villot, 1875, 465.
- labiatus* Büetsch., 1874b, 277, figs. 36a-b (Austernbänke; bei Sylt).—Villot, 1875, 466 (Kiel).
- labrostriatus* Southern, 1914a, 53-54, pl. 8 figs. 24 a-f (Clew Bay).
- leydigii* Eberth, 1863a, 32 (cf. *tridentatus* of Leydig, 1854a, 292).—Bast., 1865c, 152.

ENOPLUS—Continued.

- liratus* Schneid., 1866a, 54, 59, 294, 298, 315, pl. 4 figs. 15-16 (in water; Berl.).—Büetsch., 1873a, 20.
- longicaudatus* Southern, 1914a, 57-58, pl. 9 figs. 26 2-d (Clew Bay).
- macrolaimus* Linst., 1908, 27, pl. 4 figs. 18-19 (free; Lûderitzbuch, Africa).
- macrophthalmus* Eberth, 1863a, 35, pl. 2 figs. 23-24, pl. 3 fig. 6 (marine; Nizza).—Bast., 1865c, 152.—Schneid., 1866a, 58.—Villot, 1875, 460, 466 (free; Med.).
- michaelsenii* Linst., 1896a, 10, figs. 14-16 (free; Uschuaia).—Baylis, 1916, AMNH, 297 (under stones; Roy Cave, Falkland Isl.).—de Man, 1907, v. 7, 12.
- microstomus* Duj., 1845a, 234-235 (in sea water; Lorient).—Bast., 1865c, 152 (marine; L.).—Stiles & Hass., 1905b, 104.
- minor* Villot, 1875, 466 (free; Med.).
- obtusicaudatus* Eberth, 1863a, 36, pl. 3 figs. 7-8 (marine; Nizza).—Bast., 1865c, 152.—Villot, 1875, 460, 466 (Med.).
- oculatus* (Oersted, 1844) Dies., 1861a, 625.—Bast., 1865c, 152.
- ornatus* Eberth, 1863a, 40-41, pl. 4 figs. 13-15, pl. 5 figs. 5-6 (marine; Nizza).—Schneid., 1866a, 54.—Villot, 1875, 460 (to Euryst.).
- pigmentosus* Bast., 1865c, 149-150, pl. 12 figs. 171-172 (tidepools; Falmouth).—Villot, 1875a, 465 (Eng.).
- quadridentatus* Berlin, 1853, AAPwM, 431-441, figs. 1-39 (marine; Trieste).—Bast., 1865c, 154 (quadidentatus, misprint).—Leydig, 1854a, 292, 293.—Wagener, 1857a, 52.
- rivalis* Duj., 1845a, 235 (in water; Seine, Blagnac, Vilaine).—Bast., 1865c, 121 (to Plectus).—Stiles & Hass., 1905b, 104.
- sieboldii* (Köell., 1845) Bast., 1865c, 153.
- species* Schultze in Carus, 1857a, pl. 8 fig. 3 (Adria).—Bast., 1865c, 154, pl. 7 fig. 3.
- stenodon* Duj., 1845a, 234 (in water among algae; Lorient).—Bast., 1865c, 151 (marine; L.).—Stiles & Hass., 1905b, 104.
- striatus* Eberth, 1863a, 36-37, pl. 3 figs. 9-12 (marine; Nizza).—Bast., 1865c, 152.—Villot, 1875, 466 (free; Med.).
- subrotundus* Eberth, 1863a, 33-34, pl. 2 figs. 11-12 (marine; Nizza).
- tenuicollis* Eberth, 1863a, 41-42, pl. 4 fig. 16, pl. 5 fig. 1-2 (marine; Nizza).
- tridentatus* Duj., 1845a, 233-234 (among algae, Toulon; in sea water; Cette, Thau, St. Malo).—Bast., 1865c, 151.—Hempelm., 1912a, 108.—Leyd., 1854a, 292-294, figs. 10-13 (marine among algae; Med.).—Stiles & Hass., 1905b, 104.
- tuberculatus* Eberth, 1863a, 38-39, pl. 4 figs. 1-5 (marine; Nizza).
- ENSTRONGYLUS Pease & Smith, 1905a, 200 (misprint for Eustr.).
- visceralis* (Gmel., 1790) Pease & Smith, 1905a, 200 (septicæmia).
- ENTEROBIUS Leach in Baird, 1853a, 108 (mt. vermicularis) (so. Oxyuris).—Hall, 1916a, 225.—Rail. & Henry, 1916, CrSB, 114 (s. Oxyurias, Fusarella).
- vermicularis* (Linn., 1758) Leach in Baird, 1853a, 108 (to Oxyuris).—Hass., 1916, 66.—Rail. & Henry, 1916, CrSB, 114.
- ENTEROCOLETA Speiser, 1900b, 30 (subgroup of worms for Arthr. Kolenati); 1901a, 20.
- EORHYNCHUS Van Cleave, 1914, JP, v. 1 (1), 50-51 (for Neor. Hamann, 1892, not Sclater, 1869; hence type is claviceps=rutili); 1914, v. 25 (2), 253-298, pls. 1-3 figs. 1-46; 1915, 35.
- agilis* (Rud., 1819) Van Cleave, 1914, 51.
- cylindratus* (Van Cleave, 1913) Van Cleave, 1914, 51.
- emydis* (Leidy, 1851) Van Cleave, 1914, 51.
- gracilisentis* (Van Cleave, 1913) Van Cleave, 1914, 51.
- longirostris* (Van Cleave, 1913) Van Cleave, 1914, 51.
- rutili* (Müell., 1780) Van Cleave, 1914, 50.
- tenellus* (Van Cleave, 1913) Van Cleave, 1914, 51.
- EPOMIDIOSTOMUM Skrj., 1916, 461, 477-478 (tod. anatina) (Trichostrongylidæ).
- anatinum* Skrj., 1916, 461, 462, 478-481, figs. 10-14 (under gizzard cuticula of Anas boschas, A. b. dom.; prov. Syr-Daria, Central Asia).

- EQUINURBIA** Lane, 1914, IJMR, 381-382 (tod. sipunculiformis).
sipunculiformis (Baird, 1859) Lane, 1914, 382-383, pl. 49 figs. 1-4, pl. 50 figs. 5-6B (in *Elephas indicus*); 1915, 105.
- ERYCOEPHALUS** Marzocchi, 1908, CFB, v. 42, 211 (misprint for *Trichoc.*).
unquiculatus (Rud., 1809a) Marzocchi, 1908, v. 42, 211-212 (in Hasen).
- Esophagostomes.**—Brau, 1913, 585 (in pigs; Cochinchine) [statistics].
- Estrongylosis.**—Perronc., 1913, 84 (includes anquilostomiasis and uncinariasis).
- ETERAKIS** Perronc., 1882a, 305 (for *Heterakis*).
vesiculare Perronc., 1882a, 305 (for *vesicularis* 1791).
- ETHMOLAIMUS** Man, 1880, 21-22 (mt. *pratensis*).—Hofmæn., 1913, 634.—Stiles & Hass., 1905b, 104.
americanus Cobb, 1914, TAMS, v. 33, 96-97 (38, 62-63, 96), pl. 7 fig. 19 (in a spring; Chevy Chase, Md.).
foreli Hofmæn. in Hofmæn. & Menz., 1915, RsZ, 138-139, pl. 4 fig. 7.
gracilicaudatus Cobb, MV, 1915, 41-42 (Maple River, Mich.).
lemanii Hofmæn., 1913, 635, pl. 16 figs. 14-15 (aquatic; lac Léman).—Hofmæn. & Menz., 1915, 139, pl. 4 fig. 5.
pratensis Man, 1880a, 22 (in moist soil; Holland).
revaliensis Schneid., 1906) Steiner, 1913, AHP, v. 8, in 454-456, figs. 4-6.—Hofmæn. & Menz., 1915, RsZ, 140-141, pl. 4 figs. 6a-b, pl. 5 figs. 8-9.
tatricus Daday, 1896, Mte, v. 14, 412-413.
- ETHOLAIMUS** [nv.].—Stiles & Hass., 1905b, 105 (possibly a misprint for *Ethmolaimus*).
- EUASCARIDÆ** Dies., 1851a, 143 (subd. of *Apterocephalæ*), 144 (subd. of *Pterocephalæ*, contains *Heteropterocephalæ*, *Isopterocephalæ*), 154, 155, 175; 1861a, 656-666 (division of *Gymnoascaridæ*, contains *Apterocephalæ*, *Pterocephalæ*).—Mol., 1861c, 279, 280, 281, 284.—Oerley, 1885a, 104 (div. of *Asc.*, contains *Apterocephalæ*).
- EUASCARIDEA** Weinl., 1858a, 88 (f., contains *Asc.*); 1859, 282.
- EUBOSTRICHUS** Greef, 1869a, 117-118 (type ?*filiformis*).—Menz., 1917, RsZ, 153.—Stiles & Hass., 1905b, 105.
filiformis Greef, 1869a, 117-118, pl. 7 figs. 1-4 (Nordsee).
guernei Certes, 1889, L 48-L 49, figs. 5-8 (Terre de Feu).—Menz., 1914, AN, 76 (to *Criconema*); 1917, RsZ, 153, 154, 155, 156, 157.
phalacrus Greef, 1869a, 118, pl. 7 figs. 5-6 (Lanzarote).
- EUCAMPTUS** Duj., 1845a, 106-107 (mt. *obtusius*) [not *Eucamptus* Chevr., 1833, coleopt.].—Mol., 1857a, 151.—Schneid., 1866a, 126.—Stiles, 1907b, 37.
obtusius Duj., 1845a, 107 (in *Caprimulgus europæus*; Paris Mus.).—Dies., 1851a, 320 (so. *Str. capitellatus*).
- EUCHELIDIUM** Leuck., 1867a, 31 (probably misprint for *Enchelidium*).—Stiles & Hass., 1905b, 105.
- EUCHROMADORA** Man, 1886a, 66, 67-76 (tod. mt. *vulgaris*).—Cobb, 1914, 26.—Stiles & Hass., 1905b, 105.
africana Linst., 1908, 28, figs. 20-21 (free; Lüderitzbucht, S. Africa).
antarctica Cobb, 1914, SE, 8, 9, 10, 27-28, 1 fig. (Bay; Cape Royds).
denticulata Cobb, 1914, SE, 8, 28, 1 fig. (Cape Royds).
meridiana Cobb, 1914, SE, 8, 9, 28-29, 1 fig. (Bay; Cape Royds).
septentrionalis Cobb, 1914, SE, 8, 9, 26-27, 1 fig. (Bay; Cape Royds).
vulgaris (Bast., 1865) Man, 1886a, 69-75, pl. 12, 13 (marine; Europe); 1907, 87 (Zealand).—Southern, 1914, PR1A, v. 31, 28 (Blacksod Bay, Clew Bay, Clare & Annagh Is.).
- EUCOLEUS** Duj., 1845a, 3, 23, 24-25 (?type *aerophilum*) [not *Eucolus* Muls., 1853, coleopt.].—Eberth, 1863, 44.—Rail., 1916, RMv, 517.—Rail. & Lucet, 1890, 19.
aerophilum (Crep., 1839) Duj., 1845a, 24 (in renard; Wien, Paris).—Chaussat, 1850, 47.—Rail., 1893a, 487 (to *Trichosoma*); 1915, RMv, 505 to Cap. (*Eucolus*) (in cat); 1916, RMv, 517.—Schneid., 1866a, 169 (to T.).—Also reported for *Canis vulpes*.

EUCOLEUS—Continued.

ærophilus (Crep., 1839) Schneid., 1866a, 169 (to *Trichosoma*).—Müell., 1890c, 64, 67 (in cat) to Tr. (Eu.).

tenuis Duj., 1845a, 24–25 (in lungs, *Erinaceus europæus*; Wien, Paris).—Cobbold 1879, 295.—Linst., 1878, 232–233, fig. 17.—Müch., 1898b, 50 (in Igel).—Stoss., 1890a, 20 (to *Trichosoma*).

EUCYATHOSTOMUM Mol., 1861a, 435, 455–463 (11, 31–35) (tsd. *longesubulatum*).—Hall, 1916a, 114–115 (type l.).—Rail. & Henry, 1909b, 170 (type *dentatum*): 1912, 565.—Rans., 1911a, 14, 18, 26, 38, 40 (type l.).—Stiles & Hass., 1905b, 105 (tsd. l.).

copulatum Mol., 1861a, 462–463 (38–39) (s. *Str. conjugatus caviæ-aguti*) (in *Dasyprocta aguti*: Caicara, M. C. V.).—Hall, 1916a, 115 (in D. a.; Brazil).—Rail., 1898, 174 (to *Sclerost.*).—Rail. & Henry, 1909b, 170.—Stoss., 1899, 112 (to *Scl.*).

dentatum (Rud., 1803, of Dies., 1851) Mol., 1861a, 459–460 (35–36), pl. 1, fig. 7 (in *Dicotyles albirostris*, *D. torquatus*; Brazil).—Rail. & Henry, 1909b, 170 (genotype).—Stoss., 1899, 94 (to *Oesophagost.*).

longesubulatum Mol., 1861a, 460–461 (36–37), pl. 2 figs. 1–2 (s. *Str. cervi-mexicani*, *S. cervi-rufi*) (in intestino cæco, *Cervus campestris*, *C. rufus*; Brazil, Cujago, M. C. V.).—Hall, 1916a, 115.—Rail. & Henry, 1909b, 170.—Rans., 1911a, 14, 38–40, 123, figs. 15–16 (in *Blastocerus campestris*, *Mazama rufa*; B.).—Stoss., 1899, 113 (to *Sclerost.*).—Also reported for *Cariacus campestris*, *C. rufus*.

spinulosum (Linst., 1879) Rail. & Henry, 1909b, 170.—Rans., 1911a, 14, 38, 40, 122, fig. 17 (in *Capra ibex*; Europe).

EUESTRONGYLUS Campb. & Lacr., 1907, 74 (misprint for *Eustr.*).

visceralis (Gmel., 1790) Campb. & Lacr., 1907, 74.

EULINHOMEUS Man, 1907, v. 10, 239 (tod. *Linhomœus elongatus*) (subg. of *Linhomœus*); 1907, 84; 1907, MSz, v. 20, 74 (type e.).

elongatus (Bast., 1865) Man, 1907, 87 to *Linhomœus* (*Eulinhomœus*) (Zealand).

EUMERMIS Daday, 1911, 508 (mt. *gracilis*) (*Mermithidæ*); 1911, 528; 1913, 244, 275 (mt. *gracilis*).

gracilis Daday, 1911, 508–509, pl. 4 figs. 14–17; 1911, 529–530, pl. 17 figs. 19a–d (Vierwaldstædter-See); 1913, 218, 223, 275–276, pl. 4 figs. 14–17 (V.-S.).

zschokkei Daday, 1913, 224.

EUMONODONTUS Rail. & Henry, 1910, 312, 315 (*Monodontus* Mol. renamed) (tod. *semicircularis*); 1912, AdP, 565 (g. of *Bunostomeæ*).—Lane, 1917, IJMR, 419, 433, 434.

semicircularis (Mol., 1861) Rail. & Henry, 1910, 315.

EUNEMATODA [Author?].—Ward, 1916, 676, 677, 703 (division of *Nematoda*).

EURYSTOMA Mar., 1870, 19–21 (tsd. *spectabile*) [not *Eurystoma* Raf., 1818, mollusk; Alb., 1850, mollusk; Kœll., 1853, coleopt.; not *Eurystomus* Roth, 1901, mammal.].—Man, 1907, 33.—Stiles & Hass., 1905b, 105.—Villot, 1875, 460.

acuminatum Man, 1907, 84, 85, 86.—Southern, 1914a, 41 (Blacksod Bay).

filiforme Man, 1907, 84, 85, 86, 87 (Zealand); 1907, v. 10, 242, 243 (Z.).—Southern, 1914a, 41, pl. 6 fig. 18 (Blacksod Bay, Clew Bay).

lithothamnii Savelev, 1912, 117–118 (in *Lithothamnium murmanicum*; Palafjord).

ornatum (Eberth, 1863) Villot, 1875a, 460, 465, 466 (s. *tenuis*).

spectabile Mar., 1870a, 20–21, pl. E figs. 1–1b (marine; Endoume).—Villot, 1875a, 466 (Med.).

tenuis Mar., 1870a, 21, pl. E figs. 2–2b (marine; île de Pomègue).—Villot, 1875, 460 (so. *ornatum*).

terricola Man, 1907, 33, 84–86, pl. 4 fig. 17; 1907, v. 10, 227, 242–243 (in soil; Walcheren Isl.).—Ditlevsen, 1912, 231.

EUSTOMA Ben., 1871a, 19 (mt. *truncata*) [not *Eustomum* Leidy, 1851].—Oerley, 1885a, 105.

truncata Ben., 1871a, 19, 92, pl. 3 fig. 9 (in *Raia clavata*; Belgium).—Linst., 1878a, 286 (*truncatum*).—Oerley, 1885a, 105 (*truncatum*).

[EUSTRANGALIS Bates, (1884) 1885, v. 21, *Insecta* 104, index 4.]

EUSTRONGILUS Fedtsch., 1874a, 64 (for *Eustrongylus*).

gigas (Rud., 1802d) Stüertz, 1902d, 1036 (in *Homo*); 1903b, 164–165 (*gigos*).

- EUSTRONGYLI** Züern, 1882a, 239 (pl. of *Eustrongylus*).
- EUSTRONGYLIDA** Mol., 1861a (b), 437, 602 (13, 178) (f. of *Acrofalli*, contains *Hystrichis*, *Eustr.*, *Calodium*).
- EUSTRONGYLIDÆ** Leiper, 1908 (3), 190.—Cast. & Chalm., 1913a, 561.—Nev.-Lem., 1912a, 651.—Rail. & Henry, 1912, 562.—Skrj., 1916, 463 (of *Jægers*, 1909).
- EUSTRONGYLIDEA** Dies., 1861a, 622 (subf. of *Strongylidea*, contains: *Prosthocaster*, *Str.*, *Eustr.*).—Carus, 1863, v. 2, 464 (subf. contains: *Eustr.*, *Crenosoma*, *Prosthocaster*, *Str.*, *Hystrichis*).
- EUSTRONGYLIDES** Jægers., 1909, v. 2 (3), 1-48, see especially 2-4, 5-27, 43-45 (tod. *tubifex*).—Gedøelst, 1911a, 115.—Rail. & Henry, 1912, 562.—Skrj., 1916, 539.
- africanus* Jægers., 1909, v. 2 (3), 18-20, 45, pl. 1 fig. 7, pl. 3 figs. 30-31, pl. 5 figs. 60-62 (in *Ardea goliath*, *Anhinga rufa*, *Leptoptilus crumenifer*, *Pelecanus rufescens*; Sudan).—Skrj., 1916, 542 (in *Platalea leucorodia*; lac Kul-Kainar).
- elegans* (Olfers, 1816) Jægers., 1909, v. 2, 2, 3, 6, 8, 9, 10-17, 25, 45, fig. 2, pl. 1 figs. 4-6, pl. 2 figs. 23-27, pl. 5 figs. 53-54, 59 (s. *Eustr. tubifex*, *Hystrichis papillosus*, *H. tubifex*, *Str. papillosus*, *S. mergorum*, *S. elegans*, *S. tubifex*, *Tropidocerca paradoxa*) (in *Alca torda*, *Colymbus septentrionalis*, *Harelda glacialis*, *Mergus merganser*, *M. albellus*, *Phalacrocorax carbo*, *Podiceps cristatus*, *P. minor*, *Uria troile*; *Mus. Berl.*, *Wien*, etc.).—Gedøelst, 1911a, 115 (in dom. duck).—Skrj., 1916, 540 (in *Anas boschas*, *Mergus merganser*).
- exilis* Jægers., 1909, v. 2, 3, 24-26, 45, pl. 1 fig. 10, pl. 3 figs. 36-38 (s. *Eustr. papillosus*, *Hystrichis papillosus*, *H. elegans*, *Str. tubifex*) (in *Phalacrocorax carbo*, *P. pygmaeus*; *Mus. Wien*).—Skrj., 1916, 540-542, figs. 50-53, pl. 8 fig. 54 (in *P. c.*).
- ignotus* Jægers., 1909, v. 2, 2, 3, 20-24, 45, fig. 3, pl. 1 figs. 8-9, pl. 3 figs. 32-34, pl. 5 figs. 63-64 (s. *Eustr. papillosus*, *E. tubifex*, *Hystrichis papillosus*) (in *Ardea cocoi*, ?*Anhinga anhinga*, *Botaurus pinnatus*; *Berl.*, *Wien Mus.*).—Seur., 1916, 345 (s. *Agamonema cysticum*, *Fil. c.*, *Spiropt. bicolor*).
- papillosus* (Rud., 1802) Jægers., 1909, v. 2, 2, 17-18, 45, pl. 2 figs. 28-29 (in *Nucifraga caryocatactes*; *Mus. Berl.*).—Gedøelst, 1911a, 115 (in duck, goose).
- perpapillatus* Jægers., 1909, v. 2, 3, 26-27, 45, pl. 1 figs. 11-12, pl. 3 figs. 39-41, pl. 5 figs. 55, 65-66 (s. *pars Eustr. papillosus*, *Hystrichis papillosus*) (in *Ardea leuce*, *Herodias egretta*; Brazil).
- tubifex* (Nitzsch, 1819) Jægers., 1909, v. 2, 3, 5-9, 45, fig. 1, pl. 1 figs. 1-3, pl. 2 figs. 19-22, pl. 5 figs. 52, 57-58 (s. *Hystrichis elegans*, *Str. papillosus*) (in *Colymbus arcticus*, *C. septentrionalis*; *Mus. Wien*, *Coll. Jægers.*).—Gedøelst, 1911a, 115 (in duck).
- EUSTRONGYLINÆ** Stoss., 1899d, 55, 57 (contains *Eustr.*, *Hystrichis*).—Cast. & Chalm., 1910a, 429.—Fiebiger, 1912a, 258.—Nev.-Lem., 1906a, 269; 1908a, 417.—Rail. & Henry, 1912, 562.
- EUSTRONGYLUS** Dies., 1861a, 82, 325-328 (tsd. *gigas*=*Dictophyme renale*).—Anacker, 1891e, 407.—Bail., 1866b, 59, 60.—R. Bl., 1888a, 727; 1892u, 856-857; 1895, 745.—Braun, 1883a, 149, 169; 1895b, 213, 236; 1903a, 253; 1906a, 322; 1908a, 324; 1915a, 329.—Brumpt, 1910a, 333; 1913a, 534.—Carus, 1863, 464.—Chiari, 1907, v. 1, 654, fig. 731.—Daniels, 1910a, 128, 129; 1914a, 140.—Dav., 1877, cxx.—Galeb, 1878b, 342.—Gedøelst, 1911a, 114.—Goldb., 1855a, 113.—von Ihering, 1902a, 47 (in *Canis azaræ*, *C. jubatus*).—Kholodk., 1899a, 178.—Leidy, 1886e, 310 (of Packard, 1873, 735, so. *Fil. helecina*); 1904a, 190.—Leuck., 1867b, 13, 14; 1868a, 353-354, 402, 477; 1876a, 615.—Linst., 1909a, 71, 76.—Mol., 1861, 13, 187-188.—Nev.-Lem., 1904a, 97; 1906a, 269; 1908a, 417; 1912a, 651.—Olss., 1869b, 488.—Perronc., 1882a, 307 (*Eustrongyli*).—Pratt, 1916a, 222.—Rail. & Henry, 1909a, 85.—Rivolta, 1867.—Rollst., 1888a, 679, 686.—Schneidem., 1896a, 305, 314.—Schneid., 1866a, 28, 49, 126, 127, 193, 204, 237, 296.—Shipley, 1896, 142.—Sl. & Sw., 1912a, 321-324.—Stiles & Haas., 1896c, 151-161; 1905b, 105.—Stødter, 1901a, 15.—Stoss., 1899, 55, 57.—Stüertz, 1902d, 1036 (*Eustrongilus*); 1903b, 164-165.—Tabusso, 1900a, 529-543.—Verdun, 1907, 321.—Wucherer, 1869, 171.—Züern, 1882, 113, 225.
- bronchialis* (Rud., 1819a) Dungal., 1895a, 821 (in bronchial tubes, *Homo*).
- buteonis* Packard, 1873c, 735-736, fig. 63, a, b (under eyes, *Buteo swainsoni*; Snake River, Wyo.).—Rail. & Henry, 1916, BSPE, 367.

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chordeilis Packard, 1873c, 736 (in brain, *Chordeilis virginianus*; Campton, N. H.).
[*gigante* Perronc, 1882a, 307 (see *gigas*).]

gigas (Rud., 1802d) Dies., 1851a, 82, 326–328 (s. *Lumbrici* pars, *Lumbricus martis* et *canis renalis*, *L. sanguineus*, *L. gulonis sibirici*, *Asc. visceralis*, *A. renalis*, *A. canis et martis*, *Dioctophyme*, *Fus. visceralis*, *F. renalis*) (in *Bos taurus*, *Canis fam.*, *C. lupus*, *C. azaræ*, *C. jubatus*, *Equus cab.*, *Gulo arcticus*, *Homo*, *Lutra solitaria*, *L. vulg.*, *Mustela foinea*, *M. martes*, *M. lutreola*, *Phoca vitulina*); 1861a, 723–724 (in *C. f.*, *H.*, *Putorius vison*).—Aducco, 1888a, 359 (case); 1888b, 187–194, 213–224; 1889, 52–69.—Aitken, 1866, 805, 863; 1872, 146, 176; 1874, 57.—Anacker, 1890b, 256; 1892m, 584.—Anders, 1903a, 1258.—Arlaud, 1846, 426–436 (in *Homo*).—Bætz, 1883a, 238.—Bail., 1866b, 60 (to Str.).—Baltiani, 1874a, 125; 1870c, 180–194, pl. 2 (development).—Ballowitz, 1895, v. 7 (65–66), 381–382.—R. Bl., 1888a, 727 (s. *Dracunculus longissimus*, *Asc. canis*, *martis*, *visceralis*, *renalis*, *Fus. visceralis*, *renalis*, *Dioctophyme*, *Str. gigas*, *renalis*), 728, 729, 732, 739, 740, 754, figs. 356–361; 1889a, 704; 1889, 727–740, figs. 356–361.—Braun, 1883a, 169–170; 1895b, 236; 1903a, 290, figs. 215–216; 1906a, 322–323, figs. 210–211 (s. *Asc. canis Schrank*, *martis*, *visceralis*, *renalis*, *Str. gigas*, *renalis*, *Eustr. visceralis*); 1908a, 324, figs. 263, 264; 1915a, 329, figs. 289–290.—Braun & Luehe, 1909a, 104, fig. 41; 1910a, 112, 113, 114, fig. 41.—Breder, 1882a, 168–170.—Brumpt, 1910a, 472.—Casella, 1903, 1–7.—Cobbold, 1864a, 358–361, fig. 76; 1866, 6; 1866b, 3, 4 (in *Homo*, *Mustela vison*); 1869a, 47, 53; 1873c, 90–91, fig. 18; 1879f, 231–234; 1879b, 208–211, 298, 305, 314.—Craig, 1915, 509 (treatment).—Daniels, 1910a, 128; 1914a, 140.—Dav. 1877a, cxx–cxxii, figs. 67–70, 271–292, figs. 9–11.—Dungl., 1893, 404, 463, 651, 821.—Fedtsch., 1874a, 64 (*Eustrongylus*).—Fiebiger, 1912a, 258, fig. 171.—Frœhner, 1915a, 334.—Galli-Val., 1896b, in 68–71, 91–95, 102–106; 1896d, 442–446, figs. 1–2; 1901c, 361 (in dog); 1908, 610.—Graham-Smith, 1913, 201.—Guiart, 1910a, 469.—Hempelm., 1912a, 108.—Huber, 1895a, 307–381 (bibliography); 1896, 595–597, figs. 94, 95; 1908, ZA, v. 3 (1), 105–106.—Hut. & Mar., 1906a, 464, 539; 1913a, 1048; 1913b, 589.—von Ihering, 1902a, 48.—Ijima, 1889, 311.—Ismestzew, 1903a, 509–513 (casuistik); 1903b, 111.—Isola, 1906, v. 17, 87 (in dog).—Janson & Tokishige, 1892, 351.—Kholodk., 1899a, 178.—[Klein, 1730a, 269–273, pls. 1–2 (in wolves).]—Koch, 1910, v. 14, 108–109.—Küech., 1855, 290.—de Lanissan, 1882a, 269–271, figs. 215–218.—Lecoq, 1859a, 666–667 (in *Homo*).—Leidy, 1856b, 54; 1880, 131; 1891a, 410.—Leiper, 1907, 1296.—Leon, 1900, 234.—Leuck., 1867b, 21, 23, 39, 40, 41, 53, 54, 60, 150, fig. 9, 15, 22, 34–36; 1868a, 354–401, 423, figs. 202–227; 1876a, 879; 1879a, 164, fig. 176; 1886d, 128, fig. 76.—Leunis, 1886a, 803, fig. 759.—Lilien, 1894a, 12.—Linst., 1866a, 1–19; 1867a, 1–19; 1876, 11; 1909, 76, fig. 69 (in *Fœtorius lutreola*, *Lutra vulg.*).—Lisitsin, 1885a, 186–188 (in dog); 1887a, 51.—Lutz, 1901a, 256–257.—Mans., 1901c, 547 (in H.).—Marotel & Maignon, 1909, v. 1 (13), 299–301 (case).—Martin, 1913, 115; 1914, 115.—Maxfield, 1917, KCVCQ, 1334 (Tama, Iowa).—Mol., 1861a, 188–191, 630 (in H.).—Moniez, 1896, 383–387.—Morehouse, 1898a, 717–718.—Mueh., 1898, 9, 10, 46.—Muell., 1892a, 90, 173.—Mosler & Peiper, 1894, 209–211, fig. 79.—Nafiz, 1890b, 59–60 (hematuria).—Nassaglia, 1911, v. 40, 839.—Nassonow, 1899, 61–86.—Nesbitt, 1891a, 449–452; 1893a, 82 (in dog)—Neum., 1892a, 487, 614, 740–746, figs. 362–364.—Neum. & Mayer, 1914a, 445.—Nev.-Lem., 1912a, 775.—Oefe, 1902a, 499.—Ogden, 1900, 269.—Ostertag, 1899a, 420.—Packard, 1896a, 524.—Perronc., 1882, 307–309, pl. 8.—Petrov, 1911, 857.—Pico, 1908, v. 34 (3), 403–405; 1908, v. 31 (38), 615–616; 1909, v. 34 (6), 386–387; 1909, DtW, v. 17 (24), 350 (in dog).—Pomella, 1914, v. 24, 29–33.—Rail., 1889, 130; 1890, 143; 1893a, 419–423, figs. 280–282; 1897, 1134; 1899, 345; 1915, 511; 1915, IVC, 748.—Ratz, 1898, 298.—Rawitz, 1893b, 21–22, 97.—Rindfleisch, 1884, 208.—Rivolta, 1867, v. 2, 6–8.—Rollest., 1888a, 676.—Rondelli, 1898a, 462–466; 1899a, 171; 1899b, 362–363 (in dog).—Rotstadt, 1896a, 147–154, 1 pl.; 1898a, 407–408 (in dog); 1898b, 543; 1898c, 684–685.—Schneidem., 1896, 314.—Schneid., 1866a, 3, 6, 49, 50.—Scott, 1900, 311, pl. 30.—Seifert, 1908a, 555.—Shaw, 1890, 616 (*Eustrangylus*).—Shipley, 1896a (1901b), 142.—Silvestrini, 1888a, 255–260 (in dog); 1889a, 132–133; 1889b, 99–100; 1889c, 536; 1889d, 548; 1889e, 104.—Simon, 1897, 510; 1907, 586; 1911, 455.—Skrj., 1915, 89.—Sl. & Sw., 1912a, 321, 322, 323, 324, 404, fig. 182.—Sons., 1889, 281 (in *Canis fam.*); 1897, 253–256 (in *C. f.*; Pisa).—Stiles, 1898d, 469–471, figs. 1–16 (Trumbull's case, probably *Fil. sang. hom.*); 1898e, 505; 1914, MM., v. 2, 316.—Stiles & Hass., 1905b, 105.—Stitt, 1910a, 232, 241; 1916a, 324.—Stoss., 1899, 57–59

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tubifex (Nitzsch, 1819) Dies., 1851a, 325-326 (s. *Str. papillosus*, *S. mergorum*, *S. anatis*, *S. elegans*) (in *Anas boschas dom.*, *A. acuta*, *A. crecca*, *A. clypeata*, *Alca torda*, *Colymbus septentrionalis*, *C. arcticus*, *Mergus serrator*, *M. albellus*, *M. merganser*, *Podiceps cristatus*, *P. minor*).—A., D., & E., 1901b, 4 (in aquatic birds, ducks, grebes, divers, etc.).—R. Bl., 1888a, 729 (to *H.*).—Jägers., 1909, v. 2, 2, 5 (of Nitzsch, so. *Eustrongylides elegans*), 20 (of Nitzsch, so. *E. ignotus*), 28 (pars, so. *Hystrichis tricolor*); 1909, v. 2 (3), 2, 10 (of Nitzsch, so. *E. e.*); 1909, v. 2 (3), 20 (of Schneid., 1866a, 50, so. *E. ignotus*); 1909, v. 2, 26 (of Dies., pars, so. *E. perpapillatus*); 1909, v. 2 (3), 28 (of Dies., 1851a, 325 pars, so. *H. tricolor*); 1909, v. 2, 5 (to *Eustrongylides*).—Leuck., 1868a, 366.—Rail., 1893a, 423 (of Dies., 1851, s. *H. elegans*).—Schneidem., 1896a, 314.—Schneid., 1866a, 49, 50, 311, pl. 13 fig. 10, pl. 15 fig. 14.—Shipley, 1896 (1901b), 142.—Also reported for *Colymbus minor*.

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- FASCIOLA Linn., 1758a, 644 (tsd. hepatica) [see Trematode Catalogue].
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- FALARIA Leidy, 1904a, 190 (misprint for Filaria).—Stiles, 1907b, 36.
- FIACRA Southern, 1914a, 34-35 (*Anguillulidæ*) (tod. longisetosa).
- brevisetosa* Southern, 1914a, 37-38, pl. 5 figs. 14 a-e (Clew Bay).
- longisetosa* Southern, 1914a, 35-36, pl. 5 figs. 13 a-e (Clew Bay).
- FICTITIUM Dies., 1851a, 353 (s. Entozoon Krohn, 1839) (mt. cephalopodum).—[Exceedingly doubtful whether this should be accepted as a generic name.]
- cephalopodum* Dies., 1851a, 353 (in *Eledone moschata*, *Sepia officinalis*; Krohn, 1839, 214).—Stiles & Hass., 1905b, 106.
- Filandre Mol., 1858, 164 (so. *F. perforans*) (quotes Redi, 24-25) (in *Mustela faina*, *martis*, et *putorius*).
- FILARIA Rud., 1809a, 69 (misprint for Filaria).—Stiles, 1907b, 33, 36.—Stiles & Hass., 1905b, 106.
- FILARIA Müell., 1787a, 64-67 (tsd. martis).
- (AUSTRALIA) Bancroft, 1889a, 49-54.—Johnst., 1913, PRSQ, v. 24, in 63-91, pls. 1-4.—Kreff, 1871a, 210.
- (AUSTRIA) Brems., 1824a, 122-123.—Eiss, 1838a, 24-25.—Frauenf., 1853b, 124-128; 1853d, 193-195 (in insects).—Kolenati, 1857a, 14.—Mahler, 1855a, 76-77; 1856a, 11-12 (in insects).—Slawikowski, 1819, 60.—Wedl, 1848a, 149-151 (in *Cyprinus gobicus*); 1849a, 1-4 (in frog); 1850a, 23.
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- (BRAZIL) Magal., 1877d, 57-62; 1878a, 14-19; 1878b, 13-14; 1892d, 11-15; 1892e, 524-528.—Silva Araujo, 1877a, 501; 1878b, 49-54; 1879a, 157-161.—Silva Lima, 1881a, 441-453.—Silva Moura, 1884.
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- (CANADA) Cullen, 1903, BJHH, v. 14, 352-356 (in birds and porcupine).
- (CONGO) Rodhain, 1907e, 306 (in *Agama colonorum*).
- (CUBA) Plasencia, 1915, RMCH, 522-525.
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(INDIA) James, 1900a, 83-85.

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(ITALY) Aless., 1829, 378; 1838, 1-17, figs. 1-12 (anatomy).—Baldasseroni, 1908, BSei, v. 35, 171-174 (in *Ixodes ricinus*).—Cagny & Gobert, 1907, Dv, v. 1, 729-730, fig. 837.—Chiaje, 1825a, 1; 1833, 1.—Cond.-Franc., 1898a, 1-17 (in *Gobius avernensis*).—Criv., 1845a, 5, 6, 9.—Dubini, 1843a, 5.—

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- (JAPAN) Noro, 1880a (in bladder).—Tanaka, 1904a, 1687-1790, 1897.
- (MALAY) Ford, 1902, SIMR, v. 3 (1-2); 1906, VR, v. 18, 900, fig. 1 (aortic).
- (NETHERLANDS) Horst, 1889a, 1v; 1889a, 16 (in *Felis onca*).—Sl. & Sw., 1912a, 348-364, 392-397.
- (PHILIPPINES) Strong, 1901, 28-31.
- (PORTO RICO) Ashford, 1908, NYMJ, in 759-760.
- (PORTUGAL) Silva Amado, 1873a, 151-153.
- (RUSSIA) Fedtsch., 1874b, 51-68, figs. 1-16 (anatomy).—Fisch., 1840a, 152.—Ikow, 1886, v. 50 (1), 96-99.—Kholodk., 1899a, 174.—Mitrofanov, 1882a, 35.—Popov, 1888a, 110-115.—Waga, 1844a, 366-367 (dans les pommes).
- (SPAIN) Molina, 1899a, 568.
- (SWEDEN) Olss., 1876a, 147 (in *Larus argentatus*); 1869b, 488.
- (SWITZ.) Ecker, 1845a, 501-505, figs. 1-2; 1845b, 506-507, figs. 3-4 (vascular system); 1847a, 92-93 (in Raben).
- (TRIESTE) Stoss., 1897b (1898b), 13-162 (monograph).
- TURKEY Remlinger & Hodara-Bey, 1903, 218, 219, 220, 222, 223, 224.
- (U. S. A.) Agnew, 1881, 523.—Dunzl., 1893a, 440.—Haldeman, 1847a, 356 (in *Lycosa scutulata*).—Hall, 1916a, 179-180, 181, 182, 183, 184, 185, 187, 188, 191.—Henry, 1897a, 271-275; 1896h, 295; 1897b, 44.—Johnstone, 1904a, 25-30.—Leidy, 1850f, 117-118; 1882a, 69 (in black bass); 1884a, 47-48.—Montg., 1899a, 648.—Rans., 1904, 31, 32, 33, 34, 35, 36, 37, 38; 1911 (127), 99.—Salisbury, 1868a, 371-380, figs. 1-34.—Smith, 1905d, 140.—Stiles, 1907b, 31-51 (type *martis*), figs. 26-34; 1907e, 582; 1913, 128-130; 1914, MM, v. 2, 244, 272, 305, 308, 312, 316.—Stiles & Hass., 1905b, 106 (type *martis*).—Stitt, 1910a, 238.—Ward, 1903d, 705; 1903L, 210; 1916, 681, 682.—Weidman, 1913, PANS, v. 65, 126-151 (Phila. Zool. Gardens).—Wellman & Johns, 1912, JAMA, v. 59 (17), 1531-1532.—Wyman, 1869a, 42.
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- (BRIT. GUIANA) Daniels, 1899d, 1459, figs. 1-9; 1899e; 1902a, 322-323.
- (DEUTSCHLAND) Fröhner, 1915a, 432.—Füelleborn, 1908, VGdNa, v. 79 (2), 542.
- (DUTCH INDIA) de Does, 1904, 537-551, figs. 1-6; 1905, 317-319; 1905, AST, v. 9 (8), 382-383.
- (EAST AFRICA, FRENCH) Thiroux, 1912, BSPe, v. 5, 438-450.
- (ERLANGEN) Bäumler, 1873a, 50-51 (and in urine).
- (FRANCE) Carougeau & Marotel, 1903, RgMv (8), 447-454, figs. 1-6; 1903, CfB, v. 34 (4-5), 131; 1904, 114; 1904, ESR, v. 15 (5), 519; 1904, ZC, v. 11 (1-2), 32; 1904, FVH, v. 2 (5), 156.—Keses, 1891, Sm, v. 11 (1), 8; 1891, GmB, v. 1 (8), 365-366.—Nabias, 1892a, 455-460, fig. 1; 1892b, 212; 1892c, 171; 1892d, 60; 1892e, 792.
- (GOTT.) Linst., 1900c, 76-84, figs. 1-2; 1904q, 7-8.
- (HEIDELBERG) Wasielewski, 1913, HdH, v. 3 (3), 226.
- (HUNGARY) Hut. & Mar., 1913a, 929, 933.
- (KÖNIGSB.) Lüche, 1897a, 29-32, figs. 1-10.
- (LOND.) Selous, 1904a, 1284; 1904b, 905; 1905a, 113-114.
- (MILAN) Orsi, 1896a, 311-312, figs. 1-3; 1896b, 607-611, figs. 1-3.
- (PARIS) R. Bl., 1900d, 566-574; 1900e, 512 (migrations); 1905, 525.—Calmette, 1886a, 1-46, 1 table.—Laveran, 1893m, 892-893.—Penel, 1904a, 1-156, figs. 1-20; 1905a, 1-162, figs. 1-20; 1905b, 585; 1905c, 187-204; 1906a, 414; 1906b, 703; 1906c, 703-704; 1907a, 426.

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 (TOULOUSE) Maurel, 1888b, ci-cii.
 (U. S. A.) Ward, 1906, S, v. 23, 636.
- In the eye (see also oculi): (BRUXELLES) Symonds, 1887a; 1887b, 619-620.
 (BUENOS AIRES) Rauenbusch, 1913, MmW, v. 60 (52), 2910, fig. 1.
 (DEUTSCHLAND) Haselbach, 1884a, 63.
 (FRANCE) Drouin, 1907, RMv, v. 84 (4), 142-144; 1907, Rv, v. 64, v. 32 (4), 282; 1907, JTVS, v. 2 (4), 445.
 (KANSAS CITY, MO.) Martin, 1915, A, KCVC, v. 2 (10), 155.
 (LOND.) Yarr, 1899a, 176-179.
 (LOUISIANA) Dalrymple, 1899b; 1899c, 428-431.
 (MADISON, WIS.) Hopkins, 1900a, 172-173; 1900d, 329.
 (RIO DE JANEIRO) Lallemand, 1844a, 842-843.
 (SOUTH SEA) Leber, 1914, BkW, v. 51 (21), 992.
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 —, anterior chamber: (BRUXELLES) Coppez, 1894a, 481-484.
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 —, retina: (ANVERS) de Mets, 1896a, 736-742; 1896b, 2.
 —, palpebral region: (PARIS) Rochon-Duvigneau, 1911, Pm, v. 19 (91), 932.
 —, vitreous body: (BERL.) Schöler, 1876, VbmG, v. 7-(1), 17, 20-25.
 (CUBA) Santos, 1879b, 436-438; 1879c, 194-198; 1879d, 795; 1880a, 216-217; 1882a, 116-120.
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 —, regio macularis: (JENA) Kuhnt, 1888a, 541-555, fig. 1.
 —, of bovines: (ASTAFFORT) Guittard, 1888a, 304 (circum-ocular).
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 (FRANCE) Carougeau & Marotel, 1902, BSSv, 266; 1903, CfB, v. 33 (1), 15; 1903, OK, v. 7 (6), 88.—Neum., 1897b, 75-84, figs. 1-4; 1897c, 481-482; 1897d, 457; 1897e, 138-140.
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 —, of mule: (SPAIN) Garcia, 1916, VR, v. 28, 430.
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 Reptiles: Seur., 1916 (1917), CrSB, 1131-1136 (11-16), figs. 1-3 (N. Africa).
abacis-striolæ Dies., 1851a, 90 (so. Gord. *feroniæ-striolæ*) (quotes Kirby & Spence, 1826b, 230; 1828d, 237) (in *Abax striola*; by Macleay).—Sieb., [1842e, 160; 1843a, 81].
abbreviata Rud., 1819a, 4-5, 210, 555 (in *Motacilla stapazina*; Mus. Wien).—Aless., 1838, 12.—Crep., 1846b, 155, 159, 160, 161, 162, 164, 172 (in *Falco naevius*, M. s.).—Dies., 1851a, 226 (so. *Spiropt. philomela*), 268 (so. *turdorum*, *motacillarum*, *motacillæ*); 1861a, 702.—Duj., 1845a, 52.—Fedtsch., 1874a, 31 (in *Motacilla*, *Saxicola*, *Sylvia*, *Turdus*, *Passer*; Europe, America).—Gescheidt, 1833a, 445 (in F. n., M. s.).—Gurlt, 1845a, 246 (in F. n.), 259.—Linst., 1878a, 80, 84, 86, 90, 91, 92, 95, 97; 1883a, 286; 1886c, 11; 1903a, 269.—Mol., 1858c, 396-397, 425 (so. *?myotheræ-chrysopygæ*).—Mueh., 1898b, 50.—Nordm., 1832a, 17 (in *Saxicola stapazina*).—O'Zoux & Henry, 1909, 547.—Rans., 1904, 31, 32, 33, 45, 48, 49, 50.—Rayer, 1843d, 148, 149 (in M. s., F. n.).—Stoss., 1897, 57, 143, 144, 145, 147.—Walter, 1866, 74 (24), pl. 1 fig. 6.—Also reported for *Furnarius leucopus*, *F. rufus*, *Luscinia philomela*, *L. rubecula*, *Motacilla melanoceph.*, *Saxicola œnanthe*, *S. st.*, *Sylvia rubecola*, *Sturnus pyrrhoc.*, *Turdus pilaris*, *T. viscivorus*, *Tanagra jacapa*, *Thryothorus polyglottus*.
abbreviata Magal., 1888a, 11 (for *abbreviata*, Rud.).—Rans., 1904, 32.
acanthoditis Dies., 1851a, 95 (so. Gord. *chordodes*).—Sieb., 1850k, 334 (in *Acanthodis glabrata*; Brazil) (so. *Chord. parasitus*).—Villot, 1874a, 61 (so. G. c.).

FILARIA—Continued.

- acetabulata* Linst., 1901b, 411–412, figs. 4–5 (in Alcedo or Halcyon; Langenburg, Nyassa-See, Africa); 1906, 7.
- achtheris-percarum* Nordm., 1832, 87 (in Achtheres percarum; by Nordm., Europe).
- acili-sulcati* Dies., 1851a, 92 (so. Gord. acilii-sulcati) (in Acilius sulcatus; Eng., Hope, 1838, 302 and 1840a, lxxxiv).—[Sieb., 1842e, 151, 161.]
- aculeata* (Crep., 1825) Linst., 1876a, 4–5, fig. 6 (in Charadrius hiaticola; Ing.).—Also reported for Aegialites hiaticula.
- acuminata* Rud., 1809a, 66–67, 77 (s. nuptæ, lepidopterorum γ phalænarum, δ nuptæ, uncinata, Gord. larvarum) (in larva of Noctua nupta; Goeze, 1782a, 127, pl. 8 figs. 4–6); 1819a, 6.—Assmuss, 1865, 52 (so. Mermis albicans).—Duj., 1845a, 66.—Lam., 1816, 219.—Nordm., 1840a, 668–669.—Olfers, 1816a, 55.—Riley, 1878, 334 (to M.).—Schränk, 1788a, 3 (named nuptæ).
- acuminata* Linst., 1907, v. 44 (3), 265–267, figs. 3–4 (in pulm. arteries of Lutra vulg.; embryos in blood; Coll. Senckenberg, F. a. M.).
- acuta* Dies., 1851a, 277 (s. colymbi) (in Podiceps cristatus, by Brems.; P. cornutus, by Dies., M. C. V.).—Cobbold, 1879b, 448.—Linst., 1909, 74 (in Colymbus cristatus, C. nigricollis).—Mol., 1858c, 411.—Müh., 1898b, 50.—Stoss., 1897b, 57–58 (45–46) (in P. c.; Rostock).
- acuticauda* Mol., 1858c, 379 (s. dasypodis-gyrni, d. novemcincti, d. nigri) (in Dasypus loricatus, D. niger; M. C. V., Ypanema).—Stoss., 1897b, 58.
- acutiuscula* Mol., 1858c, 388 (in Canis azaræ, Dicotyles albirostris, D. torquatus; M. C. V., Caiçara).—Geddes, 1911a, 105.—von Ihering, 1902a, 47.—Nev.-Lem., 1912a, 804.—Rail., 1893, 508.—Rail. & Henry, 1911, 389 (in Dicotyles).—Stoss., 1890, 56; 1897b, 18 (6) (in D. a., D. t., Vulpes azaræ, Canis fam.; Brazil, Venezia); 1902, 12.—Ward, 1895a, 343 (in C. fam.).—Also reported for D. labiatus.
- ægyptiaca* (Sons., 1874) Braun, 1883a, 183 (in Homo; Egypt).—Dolley, 1894a, 993; 1901, 993 (so. sanguinis hominis).—Ijima, 1889b, 339, 366.—Stiles, 1907b, 44 (so. bancrofti).
- æqualis* Mol., 1858c, 383–384 (s. myrmecophagæ-jubatæ) (in Myrmecophaga jubata; Brazil).—Dies., 1861a, 704 (to Solenonema).—Stoss., 1897, 58.
- æthiopica* Val., 1856a, 259–261 (in guépard; Paris. Jardin des Plantes, from Kordofan); 1856, 286.—Ben., 1878a, 278 (in g.).—Braun, 1883a, 183; 1903a, 260 (so. medinensis); 1908a, 293; 1915a, 304.—Cast. & Chalm., 1910a, 417; 1913a, 541.—Dies., 1861a, 698 (to Dracunculus).—Ijima, 1889b, 339.—Leuck., 1876a, 646.—Mol., 1858c, 373–374 (in Felis jubata; from Cordofan at Paris).—Rail., 1889, 74.—Stiles, 1907b, 37, 40 (so. D. medinensis).—Stoss., 1897, 30 (so. m.).—Ward, 1903, 210 (so. m.).—Also reported for Cynailurus guttatus.
- æthiopika* Schneidem., 1896a, 306, for æthiopica (so. medinensis).—Stiles, 1907b, 40.
- affinis* Rud., 1819a, 4, 209–210 (in Fringilla sp.; Spain).—Aless., 1838, 11, 13.—Crep., 1846b, 162, 164, 172.—Dies., 1851a, 268.—Duj., 1845a, 54.—Fedtsch., 1874a, 61 (in Passer hispaniolensis; S.).—Mol., 1858c, 396.—O'Zoux & Henry, 1909, 547.—Stoss., 1897, 58–59.—Reported for F. hispaniolensis.
- agamæ* Rodhain, 1906, v. 42, 545–546, 1 fig. (in blood of Agama colorum; Ubangi); 1907e, 306.—Johnst. & Cleland, 1912, 490.—Leiper, 1908, 191 (in A. c.).
- agamofilaria* Cast. & Chalm., 1913a, 1683 (for F. Agamofilaria)).
- agrotidis-ripæ* Dies., 1851a, 104 (to Gord.) (in Agrotis ripæ; Sieb., 1850k, 335).
- alata* Rud., 1809a, 67–68 (in Simia maimon; by Albers); 1819a, 27.—Mol., 1860b, 974 (so. Spiropt. simiæ).
- alata* (Rud., 1819) Schneid., 1866a, 93, pl. 6 fig. 5 (in Ciconia nigra; by Brems.).—Stoss., 1891b (c), 89 (9) (to Disph.) (in Ardea purpurea, C. n., Nycticorax griseus).
- alarudæ* Zed., 1803a, 39 (circa ventriculum alarudæ; Goeze, 1782a, 125).—Rud., 1809a, 72–73.—Stoss., 1898, 95.
- alcedinis* Rud., 1819a, 635 (in Alcedo; Brazil).—Duj., 1845a, 55–56.—Mol., 1858c, 413 (so. physalura), 426 (in A. superciliosa; Caiçara) (so. alcedinis-superciliosæ).
- alcedinis-superciliosæ* Mol., 1858c, 426 (s. alcedinis) (in Alcedo superciliosa; Caiçara).

FILARIA—Continued.

- amphiumæ* Leidy, 1856b, 56 (in *Amphiuma* means; [N. A.]); 1904a, 103.—Mol., 1858c, 431-432.—Rail., 1916, BSPE, 138.—Stoss., 1897b, 59.
- anabatis* M. C. V. in Mol., 1858c, 401 (so. *sphærophora*).
- anatis* Rud., 1809a, 71 (in *Anas*; by Paullinus); 1819a, 10.—Bail., 1866b, 41.—Duj., 1845a, 58.—Fiebiger, 1912a, 236.—Gedölst, 1903a, 47; 1911a, 106 (in duck).—Linst., 1909a, 75 (in *A. boschas*).—Mol., 1858c, 429.—Nev.-Lem., 1912a, 808.—Stoss., 1897, 59.—Zamini, 1908, 178.—Reported for *Anas boschas* dom.
- angu[i]llæ* Ishii, 1916, 214-220, figs. 1-4.
- anhingæ* Wyman, 1868a (b), 100-104 (1-7), figs. 1-7 (in brain of *Plotus anHINGA*; Fla.); 1869a, 41-43, figs. 1-7; 1872a, 560-561.—Leidy, 1886e, 310 (so. *helecina*).
- annulata* Mol., 1858c, 386, pl. 1 figs. 5-7 (s. *simiæ macaco barrigæ*) (in *Cebus lagothrix*; Brazil).—Stoss., 1897b, 59.—Also reported for *Lagothrix cana*.
- annulosa* Baird, 1853a, 8 (in *Steropus (Pterostychus) madidus*; Gr. Brit.).
- anolabiata* (Mol., 1859) Stoss., 1897b, 51 (39), 149 (137) (in *Crax fasciolata*; Brazil).—Rans., 1904, 21.
- anseris* Nitzsch in Rud., 1809a, 86 (so. *Trichoc. capillaris*).
- anthicola* Linst., 1903u, 272 (in *Anthus richardi*; N. China); 1906, 7.
- anthuris* (Rud., 1819) Schneid., 1866a, 82, 83, 96 (in *Corvus glandarius*).—Linst., 1873g, 297-298, pl. 13 figs. 5-6 (in stom. *C. cornix*; by Linst.); 1878a, 100 (in *C. frugilegus*) [so. *Oxyspirura sygmoidea*]; 1891e, 295; 1895a, 532.—Mueh., 1898b, 50.—Rans., 1904, 29.—Stiles, 1907b, 37.—Stoss., 1889f, 182-183 (5-6), pl. 5 fig. 9 (in *C. f.*; Zagabria); 1891b (c), 88 (8) (to Disph.).—Wolffh., 1900, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 39, 42.—Also reported for *Coracias garrula*, *Corvus corax*, *C. cornix*, *C. corone*, *Garrulus glandarius*.
- anticiava* Mol., 1858c, 381 (s. *dasyopodis-gilvipedis*) (in *Dasyopus gilvipes*; M. C. V.).—Aldea S. Anna).—Stoss., 1897b, 59 (47) (in *D. sexcinctus*; Brazil).
- apapillocephala* Cond.-Franc., 1892e, 168-179 (s. *inermis Grassi*) (in horse and aæ., Italy); 1892f, 109-120.—R. Bl., 1895, 785 (so. *conjunctivæ*).—Braun, 1903a, 274 (so. c.); 1908a, 308; 1915a, 323.—Cast. & Chalm., 1910a, 420; 1913a, 532.—Sl. & Sw., 1912a, 362.—Stiles, 1907b, 45 (so. c.).—Supino, 1900a, 91 (so. i.).—Reported for *Equus asinus*, *E. cab.*, *Homo* sap.).
- aphidis gallarum abietis* Dies., 1851a, 100 (to Gord.) (quotes Hartig, 1834, 31).
- aphroditæ* Chiaje[nv.].—Par., 1894a, 244 (in *Aphrodite aculeata*; Nap.).
- apis-terrestris* Cat. RCSL, 1830, 37 (in humble-bee).
- appendiculata* McCrady, 1874a, 189 (hng).
- appendiculata* Schneid., 1866, [nv.].—Rail., 1916, BSPE, 139 (in *Triton tæniatus*).
- aquatilis* Duj., 1845a, 68, pl. 3 Fig. E (under leaves of *Nymphaea*; Rennes).—Daday, 1913, v. 27, 215, 242, 245, 255 (to *Limnomermis*).—Corti, 1902a, 111, 112 (a *Paramermis*).
- aquilæ* (Gmel., 1790) Rud., 1809a, 70.—Baird, 1853a, 6 (so. *attenuata*).—Brems., 1811, 24 (so. a.).
- araneæ* Rud., 1809a, 78 (in *Aranea* sp., by Latr.); 1819a, 12.
- araneorum* Schrank, 1803b, 186 (in einer Spinne; Roesel, pl. 35 fig. 5).
- ardæ* M. C. V. in Mol., 1858c, 391 (so. *subspiralis*).
- ardæ* Nawrotsky, 1914, CfB, 361, figs. 13-14 (in heart, *Ardea alba*; Petrograd Zool. Gard.).
- ardæ* Stoss., 1897b, 60 (48) for *ardæ* (sublingualis) (in *Ardea exilis*; Brazil).
- ardæ-cinereæ* Rud., 1809a, 72 (in *Ardea cinerea*; by Braun); 1819a, 9.—Dies., 1851a, 269 (=subspiralis).—Duj., 1845a, 56.—Mol., 1858c, 391 (so. *subspiralis*).
- ardæ-exilis* M. C. V. in Mol., 1858c, 428 [so. *ardæ* (sublingualis)] (in *Ardea exilis*; Rio Araguay).
- ardæ-nigræ* Rud., 1819a, 9, 218 (in *Ardea nigra*; by Rosa).—Dies., 1851a, 282 (in *Ciconia nigra*).—Mol., 1858c, 428.—See *labiata*.
- ardæ-nycticoracis* Cobbold, 1861e, 123-124 (ova encysted in mesentery of *Ardea nycticorax*; Lond. Zool. Gard.).
- ardæ-purpureæ* Crep., 1846b, 165 (quotes Aless.).

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- ardæ (sublingualis)* Mol., 1858c, 428 (s. *ardæ-exilis*) (in *Ardea exilis*; Rio Araguay).
- ardearum* Rud., 1819a, 636 (in *Ardea*; Brazil).—Duj., 1845a, 56.—Mol., 1858c, 434–435.—Stiles & Hass., 1894e, 346 (in *A. herodias*).—Also reported for *A. coçoi*, *A. leuce*.
- armata* Gescheidt, 1833a, 442–444, 445 (in eye of *Falco lagopus*; by Gescheidt [perhaps Germany]); 1834a, 55; ?1833, v. 3, 38.—Crep., 1846b, 160, 163, 172.—Dies., 1851a, 275; 1861a, 703.—Leuck., 1876a, 627.—Linst., 1878a, 112.—Mol., 1858c, 404, 448.—Rail. & Henry, 1916, BSPE, 367 (in *Archibuteo lagopus*).—Rans., 1904, 33, 46.—Rayer, 1843d, 146, 148, 149 (in *F. l.*).—Stoss., 1897b, 60, 140.—Also reported for *Buteo lagopus*.
- ascaroides* Linst., 1879b, 322–323 (in *Cercopithecus mona*; Ing.).—Meyer, 1896b, 77, 78.—Stoss., 1897, 50 (in *C. m.*).
- aspera* Nitzsch in Gieb., 1857a, 268 (in *Strix brachyotus*; Coll. Nitzsch.).—Rail. & Henry, 1916, BSPE, 368 (in *Asio accipitrinus*).—Stoss., 1897b, 60 (48) (in *Otus brachyotus*).—Reported for *Aegolius brachyotus*.
- attenuata* Rud., 1803a, 3 (s. *cornicis*) (in Kræhe; by Rud.); 1809a, 58–59 (in *Corvus cornix*); 1819a, 4, 208–209.—Aless., 1829, 378–383 (in *Ardea purpurea*); 1838, 2, 3, 6, 7.—Baird, 1853a, 6 (s. c., *aquilæ*, *falconum*, *strigis*).—Bellingh., 1840a; 1845a, 475.—Ben., 1878a, 278.—R. Bl., 1849a, 156–157, pl. 6 fig. 4.—Borrell, 1875a, 399, 1 fig. (in blood of crow).—Bosc, 1830a, 59 (so. *falconis*). 59 (so. st.), 60 (so. c.).—Brems., 1811a, 14, 16, 24; 1824a, 123; 1824c, pl. 1 figs. 6–7.—Cobbold, 1858b, 164 (in *Falco peregrinus*); 1879b, 447.—Crep., 1846b, 155, 157, 160, 162, 172.—Deupser, 1892a, 131; 1894a, 28, 36, 37.—DZTVp., 1889, v. 15, 317.—Dies., 1851a, 266; 1861a, 702; 1861c, 280.—Duj., 1845a, 50–52, 66.—Ecker, 1845a, 503.—Fiebiger, 1912a, 234.—Galli-Val., 1901c, 359 (in *C. corone*).—Grassi, 1888r, 616; 1888s, 776.—Gros, 1849a, 557.—Gurlt, 1845a, 244, 245, 247, 248, 252, 253, 254.—Küech., 1855a, 271.—Lam., 1816, 218; 1840a, 667.—Leidy, 1856b, 56.—Leuck., 1863a, 50, 52; 1876a, 519, 614, 676; 1879a, 61, 64, 67; 1886d, 47, 49, 51, 52.—Linst., 1879b, 315; 1891e, 292; 1899b, 25, pl. 6 fig. 78 (in *F. p.*); 1901e, 273; 1903u, 268.—Looss, 1892a, 101.—Mol., 1858c, 375 (pars so. *foveolata*), 394, 402 (so. *nodispina*), 407 (so. *quadridens*), 441, 443, 444, 445; 1858d, 155; 1861c, 316 (in *C. cornix*, *C. frugilegus*; Padua).—Müell., 1904a, 120.—Nordm., 1840a, 667.—Olfers, 1816a, 55.—Par., 1900c, 197 (in *Asio brachyotus*; Brazil).—Rail. & Henry, 1916, BSPE, 364, 365, 366, 367, 368.—Rans., 1904, 33, 37, 48, 49.—Schneid., 1866a, 2, 4, 80, 89, 108, 234, 235, 244, 245, 300, 309, pl. 5 fig. 16, pl. 22 fig. 3.—Seur., 1915, 23–25, figs. 24–27 (in *Circus pallidus*, *Falco biarmicus erlangeri*; Algeria); 1916, 343, 355.—Shiple, 1896, 134; 1902, 605, 612.—Sieb., 1850, 664.—Skrj., 1915, 134; 1916, 550.—Stiles & Hass., 1894e, 346 (in *Sturnella magna*).—Stoss., 1891, 217; 1897, 5; 1897, 55, 141, 142, 146; 1898, 96.—Volz, 1900, 142.—Wedl., 1855, 308, pl. 1 fig. 9; 1856, 57, pl. 3 fig. 39.—Westrumb, 1821a, 68 (in *F. cyaneus*).—Wolffh., 1900, 10, 38, 39, 40, 42.—Also reported in *Aegolius brachyotus*, *Athene perlata*, *Buceros*, *Brachyotus palustris*, *Caryocatactes cyanomelas*, *Cassicus viridis*, *C. yuracares*, *Colaptes auratus*, *Corvus caryocatactes*, *C. corax*, *C. cyanomelas*, *C. glandarius*, *C. monedula*, *C. pica*, *C. pyrrhocorax*, *C. splendens*, *Falco lanarius*, *F. subbuteo*, *F. sp.*, *Garrulus glandarius*, *Otus brachyotus*, *Raptores*, *Strix brachyotus*, *Sturnella ludoviciana*).
- attenuata* Zed., 1803a, 38 (“in *erucis*”; Ing.).—Rud., 1809a, 67 (renamed *plicata*).
- attenuata falconis-picci* M. C. V. in Mol., 1858c, 392 (so. *verrucosa*), 400 (so. *papilloso-annulata*) (in *Falco swainsonii*; Caiçara, Matogrosso).—Rans., 1904, 37.
- attenuata strigis-flammæ* M. C. V. in Mol., 1858c, 408 (so. *hystrix*) (in *Strix flammea*; Ypanema).
- attenuato-verrucosa* M. C. V. in Mol., 1858c, 394 (s. *thamnophili*) (in *Thamnophilus canadensis*; Rio Negro, Brazil).—O’Zoux & Henry, 1909, 547.—Stoss., 1897b, 60 (48) (in *T. c.*).
- australis* Linst., 1879c, 610–611, pl. 28 figs. 6–7 (in *Petrogale penicillata*; Australia); 1905t, 358; 1906, 7.—Leiper, 1911, PZSL, 620 (in wallaby).—Smith, 1908, 269 (in *P. p.*).—Stoss., 1897b, 29–30.
- bacillaris* Mol., 1858c, 379 (s. *crocodili*) (in *Champsia nigra*, *C. sclerops*; Matogrosso, Cujaba, M. C. V.).—DZTVp., 1889, v. 15, 317.—Stoss., 1897b, 60.—Also reported for *Caiman sclerops*, *C. niger*, *Jacare sclerops*, *J. nigra*.

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- bancrofti* Cobbold, 1877g, 70-71 (in Homo; Australia); 1877i, 495-496, figs. a-f; 1878a, 69; 1878c, 366; 1878g, 64; 1878h, 356-370 (life history); 1878i, 80; 1878k, 222-223; 1879b, 157, 180-205, 486, 487, figs. 39, 40; 1879c, 129-134; 1880e, 58-64, 74; 1880f, 115; 1880k, 130-132; 1882b, 38-42 (literature); 1883w, 513; 1882nn, 1623-1625, figs. 95-96.
- (AFRICA) Blatin & Joyeux, 1908, AdP, v. 12(1), 31, fig. 1; 1908, BIP, v. 6 (15), 692; 1908, CIB, v. 42 (14-16), 499-500.—Hodges, 1902b, 299.—Prout, 1901a, 210.
- (AUSTRALIA) Bancroft, 1899a, 120; 1899b, 48-62, figs. 1-8; 1899c, 91-94; 1900a, 149-153; 1900b, 248; 1900, AST, v. 4 (3), 200-201; 1901, AST, v. 5 (4), 141-142 (in *Culex ciliaris*).—Cleland & Johnst., 1912, v. 2, 113 (s. F. (*Microfil.*) *nocturna*, F. *sanguinis hominis*) (in Homo; Queensland).—Johnst. & Cleland, 1911, JPRS, v. 44, 183.—Nicoll, 1914, Sept. 17, 4 (Queensland).
- (BARBADOES) Councilman, 1900a, 758-759; 1900b, 843 (abscess in testicle).
- (BELGIUM) Firket, 1895b, 669-685.—Gedørlst, 1911a, 106 (in Homo).—Meuleman, 1908, ASrzm, v. 43, 150.
- (BRAZIL) Magal., 1877a, 545; 1886a, 97-100; 1887a, 129-216; 1887b, 49-65, 109-130, 152-165, 200-212, pls. 1-5; 1887c, 273; 1887d, 234-235; 1887e, 1012-1014; 1892h, 511-514; 1893a, 43; 1894c, 540-546.—Moniz, 1913, Bm, v. 27, 203-206, 1 fig.—Santos, 1877b, 95-100.—Silva Lima, 1877, Sept., 388, 384; 1877, Nov., 488, 489, 490, 491, figs. 1-3, a-e; 1878c, 440-441; 1878f, 181-184.
- (BRIT. GUIANA) Daniels, 1896a, 62-69, pls. 1-2; 1898a, 1011, 1012; 1898c, 3; 1898d, 13-18; 1898e, 878-880; 1899d, 1459, pl. 1; 1901c, 272, fig. 1; 1902, Dec., 357, 358, 359, figs. 1-2; 1903, 120; 1910a, 71, 77, 105, 167; 1914a, 80, 95, 115, 118, 183, 192.—Daniels & Stanton, 1907a, 122, 123, 126, 128, 217, 249.—Wise, 1909, v. 12 (18), 276-277 (spermatic cord) (*bancroftii*); 1914, BGMA, 1-27.
- (CHINA) Maxwell, 1916, 238.
- (CUBA) Finlay, 1882a, 40-51.—Ortiz, 1915, RMCH, v. 20, 519-522.
- (DEUTSCHLAND) Ackermann, 1863, 233-237; 1865, 127-132.—Bäumler, 1873a, 407-417; 1880a, 285-286; 1889a, 49-54; 1898a, 271.—Braun, 1883a, 183 (*bancroftii*); 1895b, 221-223; 1903a, 264-268, 287-292, 298, figs. 197, 202; 1906a, 288, 296; 1908a, 296; 1915a, 308, 321, 430, figs. 273-277.—Deupser, 1892a, 131; 1894a, 32.—Fiebiger, 1912a, 235.—Fülleborn, 1913, 301-306, figs. 28-29, pl. 1 figs. 11-18, pl. 4 figs. 3, 8, 12, pl. 2 figs. 1-2, pl. 3 figs. 1-2.—Heller, 1888, 87-95.—Hempelm., 1912a, 108.—Huber, 1894a, 268; 1896a, 604 (so. *sanguinis hominis*).—Koch, 1910, v. 14 (1), 95, 97-99.—Leuck., 1879a, 66, 68, 163, 179; 1886d, 46, 50, 127, 140.—Linst., 1892b, 88-92, figs. 1-5 [pars=magalhãesii]; 1892c, 1034-1035; 1900c, 76, 78, 79, 80, 82, 83, fig. 1; 1905, 126-219, 511-514 (so. mag.); 1906, 387-391; 1907, 266; 1914, 445-457.—Ludwig & Sæmisch, 1895a, 738.—Lühe, 1900, 440, 443.—Neum. & Mayer, 1914a, 68, 383, 386, 388, 389, 391.—Schneidem., 1896, 306 (so. *sanguinis hominis*).—Seifert, 1908a, 548.—Wasielewski, 1908, 13; 1913a, 305, 327.—Weichselbaum, 1898, 318.
- (EGYPT) Looss, 1904b, 553, 554; 1905c, 147-167, 170; 1905m, 285; 1911a, 245, 246.
- (FLI) Boissière, 1904, v. 7, 179.
- (FRANCE) Assénova, 1899, 50, 51, 94, 101.—R. Bl., 1895, 746; 1895, 771-777; 1899e, 526, 532; 1900d, 566-574; 1900f, 280-291, figs. 1-7; 1902c, 145-147; 1903, BAM, v. 49, 368-372; 1904, 9; 1905, 525-537, 538, 542, figs. 288-291 (s. *sanguinis hominis*); 1906, 373.—Bourel-Roncière, 1878, 114-125; 1878, 200-215; 1888a, 135.—Brimont, 1910, v. 13 (2), 203-215; 1910, v. 8 (18), 806.—Brumpt, 1904, v. 56, 758-760; 1910a, 435, 461; 1913a, 498.—Carougeau & Marotel, 1903, 447, 448, 454.—Guès, 1879a, 171.—Guiart, 1910a, 454, 469.—Labadie-Lagrave & Deguy, 1899a, 459, 460.—Leger & le Gallen, 1914, BSPE, v. 7 (2), 125-129 (Guadeloupe).—Marotel, 1906b, 164, 165.—Mathis, 1914, 222, 226.—Mesnil, 1913, ICHD, 186, 193, 197.—Nabias & Sabrazès, 1896a, xlviii-liv, figs. 1-3.—Nev.-Lem., 1902a, 95, 116, 117, 118; 1904a, 97, 118, 119, 120, 121, 123, 125; 1906a, 293, 294, 296, 298, 299, 301, 307, 308, 309, figs. A-B, A-C, 1-2; 1908a, 471; 1912a, 787.—Penel, 1905a, 10, 11-66, 81, 141, 144, 145, 146, 148.—Rail., 1889, 127; 1893a, 515, 526.—Seur., 1916, 345.—Simond, Noc. & Aubert, 1909, 322.—Vaull., 1901, 120, 131.—Verdun, 1907a, 396-409, figs. 140-148 (in *Culex pipiens*, China; *C. fatigans*, Antilles; *C. skusei*, Australia; *Myzomyia rossi*, Indes; *Pyretophorus costalis*, Niger; *Panoplitus africanus*, Zambesi; *Stegomyia calopus*, Niger).

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bancrofti—continued.

- (GR. BRIT.) A., D., & E., 1901b, 43-46, 47.—Cast. & Chalm., 1910a, 8, 408, 447, 815-816; 1913a, 13, 522, 529, 535, 539, 597, 1123-1124.—Cobbold & Mans., 1878a, 456.—Dutcher, 1914, JTMH, v. 17, 163.—Dutton, 1901b, 409, 410; 1901c, 272, fig. 1 (escape of larvæ from mosquitoes).—Eve & Barnard, 1899a, 1363, figs. 1-2.—Fagge & Pye-Smith, 1902a, 472.—Leiper, 1913, 270, 272, 273-274, figs. 16-20.—Lewis, 1873, 5; 1873, 234.—Low, 1899, June 17, 1459.—Mans., 1880, 66, 69, 70, 61; 1884a, 367-388; 1897d, 1837; 1899f, 644-646; 1901c, 558, 559, 560, 561; 1903, 545-547, 555-580 (in *Anopheles nigerrimus*), 597, 600, 601, 603; 1904, 547, 553, 564, 566, figs. 74, 74a; 1907, 107, 594, 595, 596, 602, 603 611, 612, 616, 619, 645, 647, 649, 673, 677, 684, figs. 82, 83, 84.—Minett, 1911, JTMH, v. 14 (8), 114-116.—Rollest., 1888a, 683, 685, 686, 688.—Sambon, 1902a, 422-426; 1902b, 313; 1905c, 39-40 (life history).
- (HUNGARY) Hut. & Mar., 1906a, 942; 1910b, 1047; 1913b, 1059.
- (INDIA) Forbes, 1894a, 301-304.—Green, 1902b, 130-131.—Lingard, 1905, 2.—Maitland, 1898b, 361-362; 1899a, 399.—Sibthorpe, 1889a, 1344-1345, figs. 1-4.
- (ITALY) Addario, 1885, 143.—Bonis, 1882a, 117, 121.—Grassi, 1888r, 614.—Grassi & Noë, 1903, v. 8, 275.—Lacava, 1916, Malaria, v. 7, 221-225, 1 fig., 1 pl.; 1917, PRq, v. 9, 4-7 (elephantiasis); 1917, Als, v. 27, 391-392; 1917, BIP, v. 15, 409.—Noë, 1901, 275-353, pls. 1-3; 1902c, 776-777; 1903c, 476; 1908, 286, 290; 1908, v. 16, 382.—Perronc., 1882a, 313.—Solieri, 1903a, 83, 130; 1903b, 429-445, 364-365; 1904a, 798.—Sons., 1896, 326; 1899a, 700-715; 1900a, 328-329; 1904a, 8.
- (JAPAN) Bælz, 1883a, 238.—Hida, 1904, TIS, 209-218; 1911, Cfb, v. 60 (1-2), 133-141, figs. 1-9.—Ijima, 1889b, 350.—Miyake, 1908, ZHI, v. 59, 351-361, pl. 1; 1908, v. 4 (16), 486; 1908, HR, v. 18 (22), 1346; 1908, Cfb, v. 42 (14-16), 499.—Taniguchi, 1904f, 492-500, figs. 1-3; 1904g, 476-477; 1904h, 218; 1904i, 654; 1904k, 345 346; 1905a, 69; 1905c; 1906a, 752; 1906b, 312.—Yamada & Yamamoto, 1916, TIKZ, v. 30, 465-473 (cause of periodicity); 1916, China MJ, v. 30, 463; 1917, TDB, v. 9, 275; 1917, MmF, v. 17, 87-93; 1917, JAMA, v. 68, 1589.
- (NETHERLANDS) de Does, 1905, 317-319.—Sl. & Sw., 1912a, 348, 349, 361, 362, 393, 395, 396, 403, 404, fig. 195.
- (NEW CALEDONIA) Nicolas, 1910, v. 3 (10), 737-738.
- (PHILIPPINES) Walker, 1914, 483-491, pl. 1.
- (PORTO RICO) Bird, 1917, BAmPR, v. 23; 1917, TDB, v. 10, 122.
- (RUSSIA) Kholodk., 1899a, 180.—Mordw., 1908, AMz, Petrograd, v. 13 (1-2), 193, 194, 195.
- (SPAIN) Font y Torné, 1894c, 73-80; 1894d, 85-86.
- (SWITZ.) Galli-Val., 1907, 215.—Genhart, 1909, CSA, v. 39, 239-243.
- (TRIESTE) Stoss., 1897, 18-20.
- (TURKEY) Remlinger & Hodara-Bey, 1902, 300, 302; 1902, 574, 577; 1903, 219.
- (U. S. A.) Brooks, 1903, PNYPs, v. 3, 28-39; 1903, BIP, v. 1 (10), 430; 1904 CPA, v. 15 (2), 59-60; 1904, FVH, v. 2 (5), 157; 1903, MN, v. 82 (16), 764-765; 1903, MR, v. 63 (12), 472-473.—Brown, 1903, MN, v. 82 (16), 765; 1903, MR, v. 63 (12), 473; 1903, PNYPs, v. 3, 39-42; 1904, MSRBH, v. 1, 381-384, figs. 1-2.—Craig, 1915, AJTDPM, 15.—Dungl., 1893a (1900a), 440 (so. medienensis).—Fenger, 1891a, 352-361.—Johnstone, 1903a-c.—Pratt, 1916a, 219, fig. 351.—Simon, 1897, 97; 1907a, 191; 1911a, 130.—Slaughter, 1891, 329-335.—Smith & Rivas, 1914, AJTDPM, v. 2 (6), 361-377, pl. 19 fig. 1.—Stiles, 1907b, 43 (in Homo; Australia), 44, 45 (of Magal., in Homo; Brazil); 1907, 613, 614, 615, 619, 620, 621, 624; 1914, MM, v. 2, 305, 306, 307, 308, 311.—Stitt, 1910a, 232, 236; 1914a, 263, 264, 266.—Tyson, 1903a, 1194-1195.—Ward, 1895, 320, fig. 76 (pars so. magalhães), 330; 1903, 213, 214, 215 (pars so. mag.), figs. 3546-3549; 1916, 682, 683, 684-686, 687, 688, 689, 690, figs. 4088, 4090, 4091.—Wellman, 1908, 118; 1909, 39.
- (MISCELLANEOUS) Baur & Cervera, 1914, v. 39 (11), 644 (case); 1914, v. 22 (51), 491.—Carré, 1872 (14); 1878, 951.—Crowell, 1910, v. 10 (3-4), 86-87 (in inguinal lymph node).—F., S., & T., 1916a, 390-393, 395, 396, 398, 400-405, 575-577, 676-677, fig. 281.—Gœlger, 1908, 108.—Gœldi, 1913, 139.—Kaliski, 1911-12, v. 7 (11), 429-437 (unilateral chyluria).—Keating, (?), iii, 529, 767.—Musser, 1913a, 365.—Phalen & Nichols, 1908, 466.—Roger, 1901, 96.—Shaw, 1901, 1028.

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- bancrofti* of Magal.. 1887a, 129–216, pls. 1–5 (in heart, Homo; S. America); 1887b, 49–65, 109–130, 152–165, 1 pl., 200–212, pls. 1–5; 1887c, 273; 1887d, 234–235; 1887e, 1012–1014; 1892h, 511–514; 1893a, 43; 1894c, 540–546.—Braun, 1903a, 270 (of Linst., 1892); 1908a, 305.—Looss, 1905, 177, 178.—Stiles, 1907b, 48.—See magalhãesii.
- bancroftii* Fayrer, 1879b, 189 (for *bancrofti*).—Lutz, 1893a, 128.—Stiles, 1907b, 44.—Wise, 1909, v. 12 (18), 276–277.
- bankrofti* Braun, 1883a, 183 (for *bancrofti*, so. sanguinis hominis).—Kholodk., 1899a, 180.—Leuck., 1879a, 66, 68, 163, 179.—Stiles, 1907b, 44.—Taniguchi, 1904f, 492–500, figs. 1–3; 1904h, 218.
- barbitistis-serricaudæ* Dies., 1851a, 96 (to Gord.) (based on Sieb., 1843a, 83) (in *Barbitistes serricauda*; Wien Mus.).
- bauchei* Rail. & Henry, 1911, v. 4 (7), 487–488 (in lung, porc; Hué); 1911, v. 4 (10), 698 (in porc; Annam).
- bhamensis* Par., 1889c, 777, pl. 3 fig. 17 (in cavo int. *Acridotheres albocinctus*; Birmania); 1891, 494 (in A. a.).—Stoss., 1897, 28–29.
- bibulbosa* A., D., & E., 1901b, 35–36, pl. 8 figs. 3–5, pl. 9 figs. 1–3, pl. 13 fig. 6 (subcutaneous and in blood of *Cinnyris fuliginosa*; W. Africa).—Seur., 1916, 345 (in C. f.).
- bicolor* Crep., 1825a, 4 5 (in *Perca fluvi.*, *Salmo eperlanus*; by Crep.); 1846a, 150, 151; 1846b, 173 (in *Acerina vulg.*, *Osmerus eperlanus*, P. f.).—Stiles & Hass., 1899a, 118.
- bicolor* Linst., 1873g, 298–299, pl. 13 fig. 7 (in *Esox lucius*, *Silurus glanis*; Ing.); 1899b, 17 (to Spiropt.).—Seur., 1916, 355.—Stoss., 1897b, 15 (in E. l., S. g.; Hameln).—Zsch., 1896, 773, 776, 780 (in S. g.); 1903, 147, 150.
- bicoronata* Linst., 1901b, 411, fig. 3 (in *Adenota* sp.; Rukwa-See, Africa); 1904, 300; 1906, 7; 1907, 258, 267 (in A. sp.).
- bidens* (Rud., 1819) Crep., 1846b, 175.
- bidentata* Mol., 1858c, 401–402 (s. *terebræ*, *cervorum brasiliensium*) (in *Cervus nambi*, C. *simplicicornis*, C. *rufus*; Brazil).—Linst., 1899b, 24; 1901b, 411; 1904n, 300; 1907, 258, 267.—Stoss., 1897b, 60–61 (48–49) (in C. n., C. r., C. s.).
- bifida* Mol., 1858c, 411–412 (s. *muris-scandentis*) (in *Dactylomys amblyonix*; Ypanema).—Hall, 1916a, 220, 221–222 (in *Kannabateomys amblyonix*; Brazil).—Stoss., 1897b, 61 (49) (in D. a.).
- bifurca* Mol., 1858c, 400 (s. *muscipapæ*) (in *Muscipapa* sp.; Brazil).—Stoss., 1897b, 61.
- bilabiata* Dies., 1851a, 277 (s. *sternæ*) (in *Sterna leucopareia*; M. C. V.); 1861a, 707 (to *Dicheilonema*).—Linst., 1909, 74 (in *Hydrochelidon hybrida*).—Mol., 1858c, 411 (in S. l.; M. C. V.).—Schneid., 1866, 311.—Seur., 1916, 355.—Stoss., 1897b, 61.
- bipapillosa* Mol., 1858c, 399 (in *Strix suinda*; M. C. V.; from Brazil).—Par., 1900c, 197 (in *Noctua cunicularia*; Buenos Aires).—Rail. & Henry, 1916, BSPE, 368 (in S. s.; B.).—Stoss., 1897b, 62.
- bipinnata* Linst., 1899b, 25, figs. 67–68 (in *Psammosaurus* (*Varanus*) *griseus*; N. E. Africa); 1906, 7.
- bispinosa* Dies., 1851a, 278 (in *Boa constrictor*, *Ophis sauroceph.*, *Thamnobius pœciliost.*; Brazil); (to *Dicheilonema*).—DZTVp, 1889, v. 15, 317.—Leidy, 1850f, 118; 1856b, 56 (s. *boa-constrictoris*); 1904a, 102.—Leuck., 1876a, 694, 715.—Linst., 1896b (c), 204 (17) (a *Dracunculus* in *Python boæ*).—Mol., 1858c, 415–416 (in B. c., O. s., T. p.; M. C. V.).—Stiles & Hass., 1894e, 347 (in B. c.).—Stoss., 1897b, 62.
- blapis-mortisagæ* Dies., 1851a, 93 (to Gord.) (in *Blaps mortisaga*; Europe).—[Hope, 1840a, lxxxv (in B. m.; Europe).]—[Sieb., 1842e, 151 (in B. m.; by Beaumont, 1836, 3), 161.]
- blattæ-orientalis* Dies., 1851a, 94 (to Gord.).—Seur., 1916, 352 (so. *rytipleurites*, probably so. *Spirura talpæ*).
- blini* Carougeau & Marotel, 1903, 447–454, figs. 1–6 (in aorta of *Buffelus indicus*; Indo-China).—Geddes, 1911a, 106 (in buffalo).—Hut. & Mar., 1905a, 860; 1912, 115; 1913a, 935, 1113.—Linst., 1903t, 357.—Rail. & Henry, 1912, 115 (so. *Elæophora poeli*).
- boæ* M. C. V. in Mol., 1858c, 430 (so. *eunectis-scytalis*) (in *Eunectes scytale*; Caiçara).

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- boa-constrictoris* Leidy, 1850f, 118 (in *Boa constrictor*; [? Phila.]); 1856b, 56 (so. *bispinosa*) (in B. c.; Ing.); 1904a, 41, 103.
- bombi-terrestris* Dies., 1851a, 99 (to Gord.) (in *Bombus terrestris*; Prussia, Hope, 1840a, lxxxv).—[Sieb., 1842e, 161.]
- bonasiæ* Gescheidt, 1833a, [423], 445 (in eye of *Tetrao bonasia*; by Nordm.); 1833, 19 (see *tetraonis-bonasiæ*).—Dies., 1851a, 282.—Duj., 1845a, 56.—Linst., 1878a, 120.—Mol., 1858c, 426, 442 (s. t.-b.) (in T. b.; Wikari Isl.).—Rans., 1904, 33, 47.—Rayer, 1843d, 149.—Stoss., 1897b, 62 (50) (in T. b.), 149.
- bordigalensis* Villot, 1874a, 58 (so. Gord. *gratianopolensis*).—[Sieb., 1842e, 154 (quotes *triscuspidata*).]
- bourgi* Brumpt, 1903, BAM, 370, 371, 372 (in *Homo*; Africa); 1903, 1031 (in H.; A.) (so. *diurna*); 1910a, 449 (so. *loa*); 1913a, 511.—R. Bl., 1905a, 538 (so. *loa*).—Braun, 1908a, 300 (so. l.); 1915a, 315.—Mans., 1907, 677, 685.—Nev.-Lem., 1908a, 481.—Penel, 1905a, 75 (so. d.), 82.—Sl. & Sw., 1912a, 353.—Stiles, 1907b, 42 (so. l.).
- bourgii* Looss, 1905c, 178 (so. *diurna*) (in *Homo*; Kassai) (for *bourgi*).—Stiles, 1907b, 37, 42; 1914, MM. 312.
- bovis* Bail., 1858e, 704 (so. *palpebrarum*) (under eyelids of oxen); 1859, v. 20, 53–54.—A., D., & E., 1901b, 19 (so. *lachrymalis*).—Nev.-Lem., 1912a, 809.—Rail., 1893a, 527 (so. l.).—Ward, 1895a, 334 (in *Bos taurus*).
- brachyceri-undati* Dies., 1851a, 93 (to Gord.) (based on Sieb., 1843a, 81) (in *Brachycerus undatus*; by Heeger).
- bradipori-laxmanni* Dies., 1851a, 95 (to Gord.) (based on Sieb., 1842e, 154) (in *Bradiporus laxmannus*; by Pall.).
- bradypi-tridactyli* M. C. V. in Mol., 1858c, 389 (so. *incrassata*) (in *Bradypus tridactylus*; Brazil).
- brasiliانا* Stoss., 1897b, 43 (31) (*insignis* Schneid. renamed) (in *Picus* sp.; Brazil).—Skrj., 1916, 727, 728, 751 (so. *Hamatospiculum insigne*).
- bronchialis* Rud., 1819a, 7 (so. *hominis bronchialis*) (s. *Hamularia lymphatica*) (in *Homo*; Dresden).—Braun, 1883a, 182 (s. H. l.); 1915a, 325.—Burm., 1856a, 278.—Cobbold, 1866a, 5; 1879b, 207–208 (to Str. (Fil)); 1883w, 513.—Criv., 1845a, 6.—Dolley, 1894a (1901), 993 (to Str.).—Dungl., 1893a, 440, 821 (or *trachealis*); 1900, 440 (in *bronchial tubes*, 821 (or *trachealis*)).—Hodgkin, 1836a, 201, 209.—Ijima, 1889b, 346–347.—Leuck., 1868a, 404; 1876a, 618–619 (s. H. l.).—Mosler & Peiper, 1894a, 218.—Owen, 1835l, 394.—Packard, 1896, 518.—Sieb., 1850c, 665 (for h. b.).—Silva Amado, 1873, v. 2 (13), 151, 153 (s. *lymphatica*).—Stiles, 1907b, 41 (so. *equina*).—Wood & Fitz, 1897a, 342.
- bronchialis* in *Boa constrictor*: Crep., 1846b, 176 (in *Boa* or *Python*; by Hodgkin).—Lee, 1840a, 282 (also in *Homo*; quotes Treutler) (in B. c.) [cf. Hodgkin, 1836a, 209].
- bronchialis* in *Bos taurus*: Veterinarian, Lond., 1857, v. 30, 565 (in calf; Eng.).
- bronchialis* in *Ovis aries*: Ranke, 1857a, 708–710 (s. Str. *filaria*); 1858a, 456–460, pl. 13 figs. 1–12.—Thorn, 1898a, 164 (in lungs of sheep) (s. Str. *filaria*) (quotes Tounshend, 1873).—Veterinarian, 1869, v. 42, 14–15 (in lambs).
- bronchialis hominis* Gerv. & Ben., 1859b, 145 (*Hamularia lymphatica* renamed) [see *hominis bronchialis* and *bronchialis*].—Ben., 1878a, 279.—Bonis, 1876a, 130, pl. 2 fig. 2.—Stiles, 1907b, 42.—Stoss., 1899d, 90 (36) (of Bonis, so. Str. *paradoxus*).
- bronquialis hominis* Bonis, 1882a, 115 (for *bronchialis hominis*).—Stiles, 1907b, 42.
- bubali* Rud., 1819a, 8 (in *Bos bubalus*; C. E. V.).—Linst., 1903t, 353.—Mol., 1858c, 422 (so. *bubali* (*abdominalis*)).—Stiles, 1892f, 145.—Ward, 1895a, 334 (so. *labiato-papillosa*) (in *B. taurus*).
- bubali* (*abdominalis*) Mol., 1858c, 421–422 (s. *bubali*, *papillosa*) (in *Bos bubalus*; M. C. V.).
- bucconis-calcarati* M. C. V. in Mol., 1858c, 415 (so. *fusiformis*) (in *Monasa tranquilla*; Barra do Rio negro).
- bufonis* M. C. V. in Mol., 1858c, 431 (so. *eupemphigis-marmorati*) (in *Eupemphix marmoratus*; Caiçara).—Rail., 1916, BSPE, 138 (so. e.-m.).
- bufonis* Leiper, 1908, 191–192 (in *Bufo regularis*; Nasser).—Rail., 1916, BSPE, 138 (so. *leiperi*).
- bulbosa* Linst., 1907, CfB, 267 (in *Cinuyris*; Africa).

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- buprestis* Rud., 1809a, 77 (in *Buprestis* sp. by Boncher & Abbeville, 1819a, 11.—Dies., 1851a, 92 (so. Gord. buprestidis).—Sieb., 1842, 151.
- calam* Linst., 1904a, 289–300, fig. 3 (in *Cephalobus spiracularis* for *Kammerer*, 1906, 7; 1907, 258, 267 (in C. s.).
- cassia* Bertini, 1916, *GRAM T.*, v. 79, 273–277 (in *Sitta cassia* *Turtur*, 1907, *MUSC.* 590–591).
- calabarensis* A. D. & E., 1901b, 40, pl. 12 fig. 3 (in blood birds *W. Africa*—Linst., 1907, 267).
- calamiformis* Schneid., 1866a, 90 (in *Farracus astivus* *Brazil*).—Stoss., 1897, 32.
- calathi-cisteloides* Dies., 1851a, 89 (to Gord.) (based on Sieb., 1842a, 151 (in *Calathus cisteloides*; by Schlotth.)).
- calathi-stephensii* Dies., 1851a, 88 (to Gord.) (in *Calathus stephensi* *Gr. For.* Hope, 1840a, lxxxiv).
- calcarata* Mol., 1858c, 378–379, pl. 1, fig. 2 s. *colubri* (in *Bostryx parvicornis* *Brazil*).—Stoss., 1897b, 62–63 (50–51).
- calopteri-italiei* Dies., 1851a, 97 (so. Gord. calliptamni-vallet) (based on Sieb., 1843a, 82) (in *Calopterus italicus*; *Mus. Wien*).
- campanulata* Mol., 1858c, 392–393, 448, pl. 2 figs. 3–7 s. *falcoenis-magnirostris* (in *Falco magnirostris* *Ypanema, Brazil*).—Dies., 1851a, 92. Linst., 1878a, 116 (in F. m.).—Rail. & Henry, 1916, *BSPe*, 367 (in *Supercus magnirostris* B.).—Rans., 1904, 4, 34, 46.—Stoss., 1897b, 63, 141 (51, 129).
- candzei* Linst., 1889a, 67, see *candzei*.
- candzei* Fraip., 1882a, 104–106, figs. 14–22 (in *Uromastix acanthiura* from *Algeria*).—Linst., 1889a, 67 (in *U. acanthiura*—Seur, 1916, 345 (in U. a., 1916 (1917), *CrSB*, 1133–1136 (13–16), figs. 2–3 (in U. a., U. a. *magnirostris* A.)).
- candzei* Seur., 1916, *Bs*, 345, see *candzei*.
- canina* [not traced].—Stiles, 1907b, 46 (so. *immitis*).
- canis* M. C. V. in Mol., 1858c, 388 (so. *acutiuscula*) (in *Canis azarri* *Barra do Rio Jauru*).
- canis-brachyuris* M. C. V. in Mol., 1858c, 380 (so. *papilliranda* (in *Canis brachyuris*; *Rio Araguay, Brazil*).
- canis-brachyuri* *trachealis* Mol., 1858c, 420 s. *canis-brachyuri* *brouchealis* (in *Canis brachyurus*; *Rio Araguay*).—Stoss., 1897b, 66–67 (on C. b.; *Brazil*).
- canis cordis* Leidy, 1850f, 118 (in *Canis fam.* by Coats, 1856b, 55 (so. *immitis*, 1880b, 10; 1904a, 41, 101–102, 157.—A. D. & E., 1901b, 16 (so. i.).—Lewin, 1875c, 613.—Stiles, 1907b, 46 (so. i.).—Ward, 1895, 343 (in C. i.).—Zed., 1882, 244.
- capillosa* Francis, 1888a, 429 (or oculi) (in horse [Tex.]) (probably for *papillosa*).
- capitellata* Schneid., 1866a, 96 s. *anthuris* pars) 235, pl. 5 fig. 2 (in *Gorastis garrula*; by Brems. & Müll., 1897, 3–5, pl. 1 fig. 2 s. *Hyscricus papillosa* pars. *Eustr. p.*—Stoss., 1897b, 47 (35).
- capræ* Linst., 1883a, 287 (in *Capra hircus* [Turkistan?]) 1886, 12.—Rail., 1896a, 531.—Stoss., 1897b, 63–51 (in C. h.; T.).
- capsularia* Rud., 1802a, 3–5 s. Gord. harenum, *Capsularia halecis* *Asc. halecis* 1809a, 61–62 s. G. h., C. h., A. h., 203, 151a, 6 (in *Clupea harengus* *Greifsw.*).—Crep., 1837a, 325; 1839a, 278, 1846b, 157, 169, 167, 173 (in *Essex belone* *herring*).—Kroy., 1846–53a, 174 (in C. h.).—Lam., 1816, 218.—Norden, 1840a, 668.—Olfers, 1816a, 31, 55.—Owen, 1835a, 318, 320.—Seur., 1916, 355.
- capsulata* A. D. & E., 1901b, 38, pl. 10 figs. 1–5, pl. 11 figs. 1–2, pl. 14 fig. 7 (in tissue and blood. *Hyphantornis* sp., *Pyronotus barbatus*, *Sitagra brachyptera*; *W. Africa*).—Linst., 1907, v. 44 (3), 267 (in *Pyronotus*, *Sitagra Africa*).—Seur., 1916, 345 (in H. sp., P. b., S. b.).
- carabi* Gmel., 1790a, 3040 (in *Carabus*; *Pall.*, 1768a de. inf. viv., ed. Lister, 1872, 4064).—Baird, 1853a, 51 (so. *Mermis nigrescens*).—Bosc, 1802a, v. 2, 49.—Dies., 1851a, 89 (of 1796, so. Gord. coleopterorum).—*Pall.*, 1768a.—*Rud.*, 1809a, 76 (of Zed., sub coleopterorum).—Zed., 1803a, 39 (in *carabe*).
- carabi-alternantis* Dies., 1851a, 89 (to Gord.) (based on Sieb., 1843a, 81) (in *Carabus alternans*; *Sicilia*).
- carabi-blapoidis* C. E. V. in Rud., 1819a, 11 (sub coleopterorum).—Dies., 1851a, 91 (so. Gord. peloris-blapoidis).

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- ciconiæ* Schrank, 1788a, 2 (unter der Haut des Storches; Redi, 223).—Dies., 1851a, 282 (in *Ciconia nigra*).—Gmel., 1790a, 3040.—Mol., 1858c, 428.—Rud., 1809a, 71–72; 1819a, 9.—Stiles, 1907b, 32 (? so. *Dicheilonema labiatum*).—Also reported for *Ardea ciconia*, *C. alba*.
- cincinnati* (Müell. & Paumgarten, 1869) Anacker, 1890g, 373 (for *cincinnati*).
- cinnamomum* (Erc., 1866) Züern, 1882a, 247–248, pl. 4 figs. 28–33 (in horse) (s. *Onchocerca reticulata*).—Anacker, 1890g, 373.—Cond.-Franc., 1892a, 178.—Deupser, 1894a, 18 (to O.), 20.—Fiebiger, 1912a, 238.—Perronc., 1882a, 331.—Rail., 1893a, 538 (so. *Spiropt. reticulata*).—Schneidem., 1896, 308.—Syrnev, 1914, 100, 101.—Ward, 1895a, 334 (in *Bos taurus*), 339 (in *Equus cab.*).
- cingula* Linst., 1902o, 634–635, fig. 1 (in *Cryptobranchus megalobranchus maximus*; Hamburg Zool. Gard.); 1902p, 695–696; 1905p, 40; 1906, 7.—Krecker [1916] 1915, JP, v. 2 (2), 74–79, figs. 1–6 (in *C. al.*).—Rail., 1916, BSPE, 138–139 (in *C. maximus*, *C. alleghaniensis*; Japan, Ohio).
- circularis* Linst., 1899b, 24, figs. 69, 73 (in *Hesperomys* sp.; Porto Alegre); 1906, 7.—Hall, 1916a, 180, 183–184, figs. 241–242 (in *H. sp.*).
- circumflexa* Mol., 1858c, 377 (s. *trogonis-violacei*) (in *Trogon aurantius*; Brazil).—Stoss., 1897b, 64 (52) (in *T. a.*; *B.*).
- cirrohamata* Linst., 1888a (b), 8–9 to (*Spiropt.*), pl. 1 figs. 14–16 (in *Phalacrocorax verrucosus*; Challenger Exped.).
- cirrura* Leidy, 1886e, 309 (in *Quiscalus major*; Fla.); 1904a, 189.—Linst., 1899l, 37.—Rans., 1904, 34, 50.—Rail. & Henry, 1910, 216 (in *Megaquiscalus major*).—Stiles & Hass., 1894e, 347 (in *Q. m.*).—Stoss., 1897b, 64 (52) (in *Q. m.*; *F.*).
- cistudinis* Leidy, 1856b, 56 (in heart, *Cistudo carolina*; by Schafhirt); 1904a, 103.—Linst., 1903t, 353; 1907, 267 (in *C. c.*).—Mol., 1858c, 430 (in *C. c.*; America).—Stoss., 1897b, 64 (52) (in *C. c.*; *A.*).
- clæliæ-fasciatæ* Mol., 1858c, 431 (s. *colubri*) (in *Clælia fasciata*; Matogrosso).—Stoss., 1897b, 64 (52) (in *Oxyrhopus fasciatus*).
- clava* Wedl, 1856b, 126–127, fig. 8 (in *Columba dom.*; by Müell.).—Anacker, 1893g, 184.—A., D., & E., 1901b, 20.—Fiebiger, 1912a, 235.—Gedølst, 1911a, 105 (in dom. pigeon).—Mol., 1858c, 374–375 (in *C. d.*; Wien).—Neum., 1906m, 661–664, figs. 1–2 (in d. p.); 1906p, 15 dec.; 1907a, 88; 1907b, 41.—Nev.-Lem., 1912a, 807.—Par., 1899a, 15; 1899, 99.—Rail., 1893, 532; 1915, 510; 1915, IVC, 748 (in pigeon).—Schneidem., 1896a, 308.—Stoss., 1897b, 25 (13).
- clavato-verrucosa* Mol., 1858c, 380–381 (s. *thamnophili*) (in *Thamnophilus canadensis*; Marabitanas).—Stoss., 1897b, 64 (52) (in *T. c.*; Brazil).
- clelandi* Johnst., 1912, v. 24, 76–77, pl. 2 figs. 7–8 (in *Gymnorhina tibicen*; Eidsvold); 1912, v. 12, 110 (in *G. t.*).
- clæliæ-fasciatæ* Stoss., 1897b, 64 (52) (for *clæliæ-fasciatæ*) (in *Oxyrhopus fasciatus*; Brazil).
- cocci* Dies., 1851a, 100 (to Gord.) (in *Coccus* sp.; Hope, 1840a, lxxxv).—[Sieb., 1842e, 161.]
- cochleata* Rail., 1916, BSPE, 138 (s. *spiralis* Oerley, 1882, not Linst., 1879) (in *Heleioporus albopunctatus*).
- cœlebs* Linst., 1879b, 326 (in stom. wall, *Lanius rufus*; Coll. Hering).—Stoss., 1897b, 47 (35) (in *L. r.*).
- coileptorum* Rud., 1809a, 76 (quotes Lister, 1672, 4064, hairworm); 1819a, 11.—Dies., 1851a, 89 (to Gord.), 91 (so. *G. peloris-blapoidis*).—Sieb., 1842, 151, 152.
- collurionis* Rud., 1809a, 71 (s. ?*Hamularia cylindrica*) (in *Lanius collurio*; by Rossa), 84; 1819a, 8.
- collurionis pulmonalis* Rud., 1819a, 8, 217–218 (s. *Hamularia cylindrica*) (in *Lanius collurio*).—Crep., 1846b, 173 (so. *nodulosa*).—Duj., 1845a, 52.—Mol., 1858c, 393 (so. *tridens*).—Nordm., 1840a, 666 (so. *H. c.*).—Stoss., 1897b, 36 (24) (so. n.).
- collurionis subcutanea* Rud., 1819a, 8, 217 (s. *collurionis*) (in *Lanius collurio*, *L. pomeranus*, *L. minor*; C. E. V.).—Crep., 1846b, 173 (so. *nodulosa* Rud.).—Dies., 1851a, 274 (so. n.).—Duj., 1845a, 52.—Mol., 1858c, 410 (so. n.), 413 (so. *obtusicaudata*).—Par., 1889, 762 (so. o. c.).—Rans., 1904, 35.—Stoss., 1897b, 36 (24) (so. n.).

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- colubri* Bosc, 1802a, 49, pl. 12 fig. θ (in *Coluber* sp.).—Dies., 1851a, 284.—Duj., 1845a, 58.—Mol., 1858c, 378 (so. *calcarata*), 431 (so. *clavæ-fasciatæ*), 431 (in C. sp.).—Rud., 1809a, 73–74; 1819a, 10.—Stoss., 1897b, 64–65 (52–53) (s. *colubri-americi*) (in C. sp.; America).
- colubri-ænei* M. C. V. in Mol., 1858c, 435 (in *Helicops carinicaudus*; M. C. V.).—Stoss., 1897b, 65 (53) (in H. c.).
- colubri-americi* Rud., 1819a, 10 (s. *colubri*) (in *Coluber* sp.; by Bosc).
- colubri-americi* Cobbold, 1861e, 123 (see *colubri*) (encysted in *Coluber americanus*; Lond. Zool. Gard.).
- colubri-austriaci* Rud., 1819a, 10 (in *Coluber austriacus*; C. E. V.).—See *megalochila*.
- colubri-blumenbachii* Cobbold, 1861e, 123 (in *Coluber blumenbachii*; Ing.).
- columbi* R. Bl., 1905, AdP, v. 9 (1), 148 (in blood of Crapaud; Columbie).—Linst., 1907, AN (for 1901), v. 2 (3), 172.
- columbia* Linst., 1907, CIB, v. 44 (3), 267 (in *Bufo* sp.) (apparently for *columbi*).
- colymbetis-ferruginei* Dies., 1851a, 92 (to Gord.) (in *Colymbetes ferrugineus*; Eng.).—Hope in L'Inst., 1838, 302–308 (Fil. in *Colymbetes*).—[Sieb., 1842c, 151, 161 (in C. f.).]
- colymbetis-striati* Dies., 1851a, 92 (to Gord.) (in *Colymbetes striatus*; Sieb., 1850k, 332).
- columbi* Rud., 1819a, 10 (in *Colymbus cristatus*; C. E. V.).—Dies., 1851a, 278 (so. *acuta*).
- communis* (Deslgch., 1824) Cast. & Chalm., 1910a, 408, 1186 (s. *piscium*, *Spiropt. hominis*); 1913a, 523.
- congeri-vulgaris* Mol., 1859h, 28–29 (in *Conger vulg.*; Padua).—Dies., 1861a, 699 (to *Ichthyonema*).
- conica* Mol., 1858c, 412 (s. *cavia-acuschy*) (in *Cavia acuschy*; Barra do Rio negro, Brazil).—Dies., 1861a, 708 (to *Dicheilonema*).—Hall, 1916a, 220, 222 (in *Dasyprocta aguta*, *Myoprocta acouchy*; B.).—Stoss., 1897b, 65 (53) (in D. ag., D. *acuschy*; B.).
- coniunctiva* Tecce, 1908a, 934 (for *conjunctivæ*).
- coniunctivæ* Supino, 1900a, 91 (for *conjunctivæ*) (so. *inermis* Grassi).—Tecce, 1908a, 933.
- conjunctivæ* Penel, 1905a, 8 (for *conjunctivæ*) (so. *inermis*).—Stiles, 1907b, 45.
- conjunctivalis* Penel, 1905a, 67 (for *conjunctivalis*) (so. *loa*).—Stiles, 1907b, 37, 42.
- conjunctivæ* Aless., 1906, title page (misprint for *conjunctivæ*).
- conjunctiva* Sl. & Sw., 1912a, 392 (for *conjunctivæ*).
- conjunctivæ* Addario, 1885, 135–148, pl. 1 figs. 1–8 (in *Homo*; Catania, Italy).—Aless., 1906, v. 32 [(7–8)], 523–528; 1906, v. 7, 233–234; 1907, v. 40, 587.—A., D., & E., 1901b, 12 (so. *inermis*).—Assenova, 1899, 50–51, 66, 95.—R. Bl., 1888r, 39; 1890a, 2–3 (so. i.) (in *Homo*); 1895, 785 (s. ? *palpebralis*, *peritonæi hominis*, *inermis*, *apapillocephala*).—Braun, 1903a, 274–275, figs. 206–207 (in *Homo*, horse, ass); 1906a, 303–304, figs. 201–202; 1908a, 308, figs. 254, 255; 1915a, 323, figs. 284–285.—Brumpt, 1913a, 511.—Cast. & Chalm., 1910a, 408, 420.—Cond.-Franc., 1892e, 173, 175–177.—Daniels, 1914a, 131.—Dungl., 1893a, 440 (seems to refer to *loa*, but *oculi* and *lentic* given as *syms.*); 1900a, 440.—Gedøelst, 1911a, 106 (in donkey, man).—Nev.-Lem., 1908a, 497.—Rail., 1893a, 528 (so. i.); 1897, 1134; 1899, 345.—Ratz, 1898, 298.—Sl. & Sw., 1912a, 362, 392, 404, 515.—Stiles, 1907b, 45; 1914, MM, v. 2, 306, 314.—Verdun, 1907, 416–417.—Ward, 1895a, 331 (in *Homo*), 339 (in *Equus cab.*); 1903l, 212; 1903, 704; 1916, 689.
- conjunctivæ* Assenova, 1899, 50, 101, 103 (for *conjunctivæ*).—Stiles, 1907b, 45.
- conoura* Linst., 1885b, 242–243, pl. 14 fig. 16 (in *Anguilla vulg.*; by Linst.).—Hofer, 1904a, 230 (in A. v., *Aspius rapax*, *Leuciscus v.*, *Perca fluvi.*).—Jææskeläinen, 1910, 56 (to *Spiropt.*) (in A. v., A. r., L. *grislagine*, *Lota vulg.*, P. f., *Tinca vulg.*).—Šrámek, 1901, 95, 96 (in *Ang. fluvi.*, *Asp.*, *As. r.*, P. f., *Squalius lepuscula*).—Stoss., 1897b, 45 (33).
- convoluta* Mol., 1858c, 390 (s. *ranæ*) (in *Cystignathus gigas*, *Leptodactylus sibilatrix*; Ypanema, Brazil).—Rail., 1916, BSPE, 137–138 (s. r.) (in C. g., L. s.).—Stoss., 1897b, 65(53) (in C. g., L. s.).—Also reported for *C. ocellatus*.
- convoluta* (Zed., 1803) Hall, 1916a, 200 (so. *Spirura talpæ*); 1916b, 520.

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- cordicola* Linst., 1905cc, 275, pl. 10 fig. 17 (in *Equus asinus*, E. cab.; German E. Africa).—Gedœlst, 1911a, 106 (in donkey, horse; G. E. Af.).—Rail, 1915, 510; 1915, IVC, 747 (in horse).
- cordis phocæ* Joly, 1858a, 166–180, pl. 1B fig. 1–6 (in *Phoca vitulina*; by Joly); 1858b, 403–405; 1858c, 80; 1858d, 399–400.—Cobbold, 1879b, 314.—Laveran & Bl., 1895, 169.—See *spirocauda*.
- cornicis* Gmel., 1790a, 3040 (in *cornicis thorace et pulmonibus*; Pall., 83).—Baird, 1853a, 6 (so. *attenuata*).—Bennet & Olivier, 1826a, 24 (in *Corvus cornix*).—Bosc, 1802a, v. 2, 49; 1830a, 60 (so. a.).—Mol., 1858c, 395 (so. a.).—Rud., 1809a, 58.—Zed., 1803a, 39.
- cornuta* Linst., 1899b, 24, figs. 57–59 (in *Antilope* sp.; Kamerun); 1901b, 411; 1904n, 300; 1907, 258, 267.—Leiper, 1908, 192.
- coronata* Rud., 1809a, 65–66 (s. *Asc. coraciæ*) (in *Coracias garrula*; [Europe]), 73; 1819a, 6.—Blainv., 1824a, 518 (is a “fusaire”).—Chatin, 1882g, 812–815.—Crep., 1846b, 155, 160, 161–162, 164, 173 (in C. g.).—Dies., 1851a, 275; 1861a, 703; 1861c, 280.—Duj., 1845a, 55.—Giebel, 1857a, 268.—Lam., 1816, 218; 1840, 668.—Linst., 1883a, 286; 1886, 11; 1901c, 189–190, pl. 8 fig. 14; 1906, 7.—Mol., 1858c, 408–409 (in C. g.); 1858, 155; 1861c, 318 (in C. g.; Padua).—Nordm., 1840a, 668.—Olfers, 1816a, 55.—Par., 1894a, 242.—Risso, 1826, 259.—Skrj., 1917, P, 467–468, pl. 19 figs. 14–15 (in C. g.; Europe).—Stoss., 1897b, 65–66 (53–54) (in C. g.).
- corvi-torquati* Cobbold, 1880k, 131 (in *Corvus torquatus*; China, teste Mans., 1880c, 135–137).—Linst., 1892b, 88; 1903t, 353 (in C. t.); 1907, 266.—Looss, 1904b, 552 (in C. t.; C.).—Penel, 1905a, 22.—Seur., 1916, 355.—Stoss., 1897b, 66 (54) (in C. t.).
- corvi-torquatis* A., D., & E., 1901b, v. 4, 21 (for *c.-torquati*).—Looss, 1904b, 552.
- corynodes* Linst., 1899b, 23, fig. 66 (in *Cercocebus fuliginosus*, *Cercopithecus campbelli*, *C. nictitans*; Berl. Zool. Gard., Kamerun); 1903a, 116; 1906a, 7.—Braun, 1915a, 321.—Shipley, 1903l, 154 (in *Semnopithecus albocinereus*; Kwala Aring).
- crassa* Schlotthauber, 1860a, 125 (under skin of *Strix brachyotos*; by Schlotth.) (s. *strigis*).
- crassicauda* Crep., 1829a, 874–878, pl. 52 (in *Balæna rostrata*; ad *Rujia insulæ*); 1839a, 278; 1846b, 155, 157, 159, 160, 161, 162, 172 (in B. r.).—Ben., 1870a, 356.—Cobbold, 1879b, 425.—Dies., 1851a, 264.—Duj., 1845a, 50.—Jægers., 1891a, 129, 132.—Laveran & Bl., 1895, v. 2, 173.—Mol., 1858c, 374.—Stoss., 1897, 24.—Reported for *Balenoptera rostrata*, *Balæna mysticetus*, *B. borealis*.
- crassiuscula* Nordm., 1833b, 268 (for *crassiuscula*).
- crassiuscula* Nordm., 1832a, 20–22, 27 (in *Gadus æglefinus*; Cuxhaven).—Crep., 1846b, 158, 160, 162, 163, 165, 173.—Dies., 1851a, 286.—Duj., 1845a, 62.—Gescheidt, 1833a, 445 (in eys of G. a.).—Mol., 1858c, 433 (in G. a.).—Rayer, 1843d, 149 (in G. a.).—Stoss., 1897b, 66 (54) (in G. a.).
- crocodili* M. C. V. in Mol., 1858c, 379 (so. *bacillaris*).
- crotophaga* Daniels, 1902, v. 53, 335–338, fig. 25 (in *Crotophaga ani*; Brit. Guiana).
- cychri-rostrati* Dies., 1851a, 88 (to Gord.) (in *Cychnus rostratus*; Netly, Salop, teste Hope, 1840a, lxxxiv).—[Sieb., 1842e, 160.]
- cygni* (Gmel., 1790) Rud., 1809a, 71 (in *Cygnus*; by Redi); 1819a, 10.—Dies., 1851a, 284.—Duj., 1845a, 58.—Fiebigger, 1912a, 236.—Gedœlst, 1911a, 106 (in swan).—Linst., 1905bb, 190; 1909a, 74 (in *C. olor*).—Mol., 1858c, 429 (in *Anas cygnus*).—Mordw., 1908, v. 13 (1–2), 193.—Par., 1894a, 243.—Nev.-Lem., 1912a, 808.—Rail, 1893a, 533.—Stoss., 1897b, 66 (54) (in *C. musicus*).
- cylindrica* Mehl., in Crep., 1846a, 131 (in *Lanius collurio*; by Mehl.); 1846b, 162, 173 (so. *nodulosa*); 1847a, 293 (so. n.).
- cymindis-humeralis* Dies., 1851a, 88 (to Gord.) (in *Cymindis humeralis*; Sieb., 1843a, 81) (in C. h.; Wien, by Heeger).
- cyprini-rutili* Crep., 1825a, 5–7 (in *Cyprinus rutilus*; by Crep.).
- cypseli* A., D., & E., 1901b, 24, pl. 1 figs. 1–5, pl. 13 fig. 1 (in *Cypselus affinis*; Bonny, S. Nigeria).—Dutton, 1905, 139–147 (in African C. a.); 1905, Apr. 1, 108; 1905, Apr. 8, 950; 1905, Apr. 15, 287 (in C. a.; A.); 1905, Nov. 11, 1298; 1905, Oct. 1, 985.—Linst., 1907, 266 (in C. a.).—Mesnil, 1913, 193.—Seur., 1916, 345 (in C. a., *Leiothina*).

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- cystica* Rud., 1819a, 634-635 (in *Synbranchus laticaudis*; Brazil).—Cobbold, 1879b, 209 (immature *Eust. gigas*); 1879f, 231.—Crep., 1846b, 173.—Duj., 1845a, 62 (in *S. l.*).—Leuck., 1868a, 381, 382, 386, 387, figs. 222, 225, 226; 1876a, 615.—Penel, 1905a, 11.—Schneid., 1866a, 296.—Seur., 1916, 355.—Shipley, 1896a (1901b), 142 (in *Galaxias scribei*, *S. laticaudatus*).—Sieb., 1854, 33.—Verrill, 1870, 244.
- cystica* (Salisbury, 1868) Cobbold, 1879b, 202.—Braun, 1903a, 264; 1908a, 296 (so. *bancrofti*); 1915a, 308 (so. *Oxyuris vermicularis*).—Cast. & Chalm., 1910a, 407 (so. *O. v.*); 1913a, 522.—Dolley, 1894a, 993 (so. *sanguinis hominis*); 1901, 993.—Linst., 1900c, 76.—Moniez, 1896a, 338.—Rail., 1893a, 515.—Stiles, 1905, Apr. 29, 682; 1907b, 37, 44, 50; 1907e, 600 (so. *O. v.*) (s. *salisburyi*, *salisburyi*); 1914, MM, v. 2, 291 (so. *O. v.*).
- dacelonis* Breinl, 1913, RAITM, 42-43, pl. 11 figs. 1-3 (in *Dacelo leachii*; New Queensland).
- dahomensis* Neum., 1895f, 533; 1895i, 123-127, figs. 1-5 (in *Python*; from Natal); 1896a, 264-265.—Braun, 1903a, 261; 1908a, 293.—Stoss., 1897b, 35-36 (23-24) (in *P. natalensis*).—Strassen, 1907a, 117, 121; 1908b, 49.
- dasypodis-gilvipedis* Mol., 1858c, 381 (so. *anticiava*) (in *Dasyopus gilvipes*; Brazil).
- dasypodis-gyrni* M. C. V. in Mol., 1858c, 379 (so. *acuticauda*).
- dasypodis-nigri* M. C. V. in Mol., 1858c, 379 (so. *acuticauda*) (in *Dasyopus niger*; Brazil).
- dasypodis-novemcincti* M. C. V. in Mol., 1858c, 379 (so. *acuticauda*).
- dehiscens* Schneid., 1866a, 83, 91 (fig.) (in *Strix striata*; Dongola).—Rail. & Henry, 1916, BSPE, 368 (in *S. s.*; *D.*).—Stoss., 1897b, 42 (30) (in *S. s.*).
- demarquayi* Penel, 1905a, 92 (for *demarquayi*, 1897).—Stiles, 1907b, 46.
- demarquai* Simon, 1907a, 191; 1911a, 130 (for *demarquayi*, 1897).—Leiper, 1913, 290-292.
- demarquaii* Galgey, 1899a, 145-146 (in *Homo*; W. Indies) (for *demarquayi*, 1897); 1899b, 398; 1901, 342, 343, 344, 345; 1902, 316, 317, 318 (St. Lucia, St. Vincent, Dominica); 1903a, 86; 1904, 196, 197, 198.—A., D., & E., 1901b, 43-48.—Daniels, 1902, Dec. 1, 357-359, figs. 1-2 adult; 1903, 114, 121.—Low, 1901b, 1337 (negative experiments with mosquitoes); 1901d, 284; 1902g, 196-197; 1902h, 299; 1902i, 311; 1902k, 504; 1905d, 39; 1908, 61.—Mans., 1901c, 562; 1903e, 546, fig. 64c, 598-599, 600, 602; 1904, 546, 600, fig. 64c; 1907, 595, 647, 648.—Stiles, 1907b, 46.
- demarquayi* Mans., 1897d, 1837-1838, fig. 3 (in *Homo*; St. Vincent, W. Indies).—R. B1., 1895, 771; 1895, 781-782; 1900f, 289; 1905a, 537 (s. *ozzardi*, *enfilée*).—Braun, 1903a, 270; 1906a, 296-297; 1908a, 304; 1915a, 320.—Brumpt, 1910a, 435, 560; 1913a, 498, 516.—Cast. & Chalm., 1910a, 408, 416, 447; 1913a, 522, 529.—Daniels, 1898c, 1; 1898e, 879, 880; 1902b, 46; 1910a, 167; 1914a, 110, 117.—Daniels & Stanton, 1907a, 122, 123, 129, 130, 131, 132.—F., S., & T., 1916a, 378, 403, 404, 575, fig. 284.—Fulleborn, 1913, 313-315, pl. 4 figs. 11, 16, pl. 3 figs. 6-7; 1908, 668.—Guiart, 1910a, 468, 469.—Koch, 1910, v. 14 (1), 100.—Leiper, 1913, 270-272.—Linst., 1900c, 76, 83; 1907, 266.—Looss, 1905c, 169 (in *H.*; St. Vincent, St. Lucia, Trinidad, Tahiti, Dominico, New Guinea); 1914, 476.—Low, 1905d, 39.—Mense, 1906, v. 3, 641.—Nev.-Lem., 1902a, 95, 120, 121, fig. d; 1904a, 97, 122, 123, 124, 125; 1906a, 302, fig. d, 303, 307, 308, figs. 5-6, 309; 1908a, 485.—Neum., 1914a, 68, 397.—Ozzard, 1902g, 82, 83, 84; 1902h, 259-260.—Penel, 1905a, 10, 101-104, 105, 106, 140, 141, 147, 148.—Roger, 1901, 96.—Rouget, 1902a, 198-200, figs. 1-3.—Sl. & Sw., 1912a, 360.—Sons., 1896, 326.—Stiles, 1907b, 46 (in *H.*; St. Vincent); 1907, 614, 622; 1914, MM, v. 2, 305-306, 314.—Stitt, 1910a, 232, 237; 1916a, 319.—Verdun, 1907, 415.—Ward, 1903, 215 (in *H.*); 1903d (e), 704; 1916, 682, 687-688.
- demarquayi* Zune, 1892 [nv.].—Rail. in Nev.-Lem., 1898a, 485; 1910a, 460.
- demarquii* Linst., in Low, 1905d, 39 (for *demarquayi*).—Stiles, 1907b, 46.
- dendrocalapti-procurvi* Linst., 1879a, 80 [for *dendrocalaptis-procurvi* (*lacrymalis*)].
- dendrocalaptis* M. C. V. in Mol., 1858c, 399 (so. *quadriverrucosa*).
- dendrocalaptis-procurvi* Stoss., 1897b, 67 (55), 147 (135) (in *Dendrocalaptis procurvus*; Brazil).
- dendrocalaptis* M. C. V. in Mol., 1858c, 425 [so. *dendrocalaptis-procurvi* (*lacrymalis*)] (in *Dendrocalaptis procurvus*; Brazil).—Rans., 1904, 35.

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- dendrocolaptis-procurvi* (*lacrymalis*) Mol., 1858c, 425 (s. *dendrocolaptis*) (in *Dendrocolaptes procurvus*; Brazil), 443.—Linst., 1879a, 80.—Rans., 1904, 35, 48.—Stoss., 1897b, 67 (55) (in D. p.; B.), 147 (135).
- denticulata* (Rud., 1809) Schneid., 1866a, 83, 102, 213, pl. 6 fig. 1 (in *Muraena anguilla*; by Schneid.).—Bütsch., 1874b, 259.—Hofer, 1904a, 230 (in *Anguilla vulg.*).—Leidy, 1886e, 310.—Rail. & Henry, 1915, 274.—Shipley, 1896, 125.—Stoss., 1897b, 25 (in A. v.).
- denticulata* of Simmonds, 1881–82.—Williams, 1885a, 44 (of Simmonds=*Abomesi ovis*, so. *Str. contortus*).
- dentifera* Linst., 1898a, 460, pl. 35 figs. 1–2 (in body cavity of *Trichiurus*=*Phalangista vulpecula* (*vulpina*) var. *typica*; Australia); 1905, 358.
- depressa* Schneid., 1866a, 82, 95 (in *Corvus cornix*; Egypt).
- dermatemica* Silva Araujo, 1875, of Penel, 1905a, 11, 13 (for *dermathemica*) (so. *bancrofti*).—Cast. & Chalm., 1910a, 408; 1913a, 523.—Stiles, 1907b, 44.
- dermathemica* Silva Araujo, 1875, 36–86 (in *Homo*; Bahia).—Bourel-Roncière, 1878, 124; 1888a, 134, 136.—Brumpt, 1910a, 435; 1913a, 498.—Cobbold, 1878h, 362, 365 (*filariöse dermathemica*) (so. *bancrofti*).—Dungl., 1893a, 440; 1900a, 440.—Linst., 1900c, 76.—Rail, 1893a, 515 (so. b.).—Silva Lima, 1876, 107, 109 (in H.; B.); 1877, Sept., 389.—Stiles, 1907b, 43 (so. b.); 1907e, 615; 1914, MM, v. 2, 307.—Ward, 1895a, 320, 330 (so. b.); 1903, 213 (so. b.).
- dermithemica* Fayer, 1879b, 189 (for *dermathemica*).—Stiles, 1907b, 44.
- diacantha* Mol., 1858c, 381–382 (s. *hytricus-prehensilis*, *loncheri*) (in *Hystrix* (*Cercolabes*) *prehensilis*, *Loncheres rufa*; Brazil).—Hall, 1916a, 180, 184 (*Euryzgomatomys rufus*, *E. spinosus*, *Cœndou prehensilis*; B.).—Stoss., 1897b, 67 (55) (in C. p., *Mesomys spinosus*; B.).
- digitata* Linst., 1906, Jan., 171–172, pl. 3 figs. 52–55 (in *Bos indicus*; Colombo, Ceylon).
- dipetala* Mol., 1858c, 373 (s. *lanii*) (in *Platyrrhynchus pitangua*; Guyaba, Brazil).—Dies., 1861a, 704 (so. *Dipetalonema inflexum*).—Stoss., 1897b, 67 (55) (in P. p.; B.).—Also reported for *Megarhynchus pitangua*.
- dispar* Polonio, 1860b, 22 (in *Corvus corax*; Ticini).—Seur., 1916, 362.
- diurna* Mans., [1891e, 342 (F. *sanguinis hominis diurna*);] 1891g, Aug. 26, 203, 204 (probably young of loa) (in *Homo*; W. coast of Africa); 1891f, 734; 1892b, 81, 87, 88, 96; 1895b, 62–77; 1897d, 1837, 1838, fig. 2; 1899f, 645; 1901c, 561; 1903e, 545, 546, fig. 64b, 597–598; 1904, 545, 597, fig. 64b; 1907, 595, 677, 684.—Agramonte, 1902, v. 3 (9), 153–154.—A., D., & E., 1901b, 43, 46, 53, 55, 89–92; 1902, v. 5 (7), 111–112.—Assenova, 1899, 52, 95.—R. Bl., 1895b, 159–160; 1895, 777 (so. l.); 1899e, 513, 526, 527; 1900f, 289; 1905, 537 (so. l.), 538 (so. l.); 1906, 373.—Blatin & Joyeux, 1908, 30, 31.—Braun, 1895b, 224, 226; 1903a, 269, 273; 1906a, 292–293, 302; 1908a, 300; 1915a, 315.—Brit. M. J., 1901, Jan. 12, 98.—Brumpt, 1903, 370; 1904, v. 56, 630–632; 1904, v. 2 (11), 473; 1904, v. 55, 354; 1905, Nov. 2, 420; 1910a, 449; 1913a, 511.—Carougeau & Marotel, 1903, 448.—Cast. & Chal., 1910a, 421; 1913a, 536.—Daniels, 1897, 71; 1902b, 46; 1903, 114; 1910a, 104, 105; 1914a, 113.—Daniels & Stanton, 1907a, 122.—Deupser, 1894a, 32.—D., T., & C., 1904, 15 (Congo).—Fagge & Pye-Smith, 1902a, 472.—Pirket, 1896a, 791.—Füelleborn, 1908, 668; 1912, v. 16, 439–440.—Green, 1902b, 130.—Guiart, 1910a, 451.—Hudellet, 1914, 116 (in man; Africa).—IMG, 1902, v. 37 (2), Feb., 64–65.—Kerr, 1904a, 195–196; 1905a, 181; 1905b, 474.—Kholodk., 1899a, 180.—Labadie-Lagrave & Deguy, 1899a, 459.—Legrain, 1898a, 151.—Lewald, 1901, 212.—Linst., 1900c, 83; 1907, 266.—Looss, 1905c, 159, 167, 176 (in H.; W. c. A.); 1914, 472.—Ludwig & Samisch, 1895a, 738.—Moniez, 1896a, 338, 344–345, 352.—Mordw., 1908, v. 13 (1–2), 195.—Nev.-Lem., 1902a, 95, 120, 121, fig. C; 1904a, 97, 122, 123; 1908a, 481.—Neum. & Mayer, 1914a, 391.—Ozzard, 1902g, 84.—Penel, 1905a, 4, 10, 75–80 (s. *sanguinis major*, *bourgi*), 81–84, 123, 139, 141, 147.—Prout, 1901a, 210; 1902a, 880 (in negro).—Rail., 1893a, 522.—Roger, 1901, 96.—Sambon, 1902h, 381–385; 1903a, 26.—Seifert, 1908a, 550.—Seur., 1916, 355.—Simon, 1907a, 191; 1911a, 130.—Shaw, 1901, 592, 1027.—Sl. & Sw., 1912a, 353.—Sons., 1896, 324.—Stiles, 1907b, 37 (so. loa), 42 (in H.); 1914, MM, v. 2, 312.—Stoss., 1897b, 16 (in H. s.).—Tyson, 1903a, 1195.—Ward, 1895a, 330; 1903l, 212, 215 (in H.; W. c. A.); 1903, 704.—Wasielewski, 1913a, 331.

dolichosoma Stoss., 1902e, 11–12 (in *Dicotyles* sp.; Rio Peripa).

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- dracunculus* (Chisholm, 1815) Brems., 1819a, 194-221, pl. 4 fig. 1 (medinensis renamed); 1824a, 198-250.—Andral, 1829, 633 (so. m.); 1903, 3 ed. 260 (so. m.).—Braun, 1903a, 260; 1908a, 293.—Brumpt, 1913a, 526; 1915, 304.—Cast. & Chalm., 1910a, 417; 1913a, 541.—Cobbold, 1866a, 6.—Clelland, 1842, 341.—Dies., 1851a, 270 (so. m.).—Dungl., 1893a, 440; 1900a, 440.—Hendley, 1872a, 59-60 (at Kherwarrah).—Ijima, 1889b, 367.—Looss, 1905, 182 (so. m.).—Martin, 1852a, 257 (dracunculus).—Mlinarich, 1832a, 6.—Most, 1836a, 761-762.—Neum. & Mayer, 1914a, 70, 400.—Parkes, L. C., 1889a, 71.—Parkes, E. A., 1891a, 80; 1891, 85.—Pruner, 1847a, 250.—Sjoebeck, 1830, 10.—Slawikowski, 1819, 60, 140.—Sl. & Sw., 1912a, 355.—Stevenson, 1892, v. 1, 274.—Stiles, 1907b, 37, 40.—Tyson, 1903a, 1196-1197.—Ward, 1903, 210 (so. m.).
- dracunculus* Martin, 1852a, 257 (misprint for dracunculus).
- drassi-lucifugi* Dies., 1851a, 87 (to Gord.) (based on Sieb., 1843a, 80) (in Drassus lucifugus; Mus. Wien).
- [*dubia* Crep., 1846b, 166, apparently not as specific name.]
- dubia* Leidy, 1856b, 55 (in Diomedeia exulans; S. Atlantic); 1886e, 313 (so. Tropidocerca certa); 1904a, 102, 193.—Mol., 1858c, 428-429 (in D. e.).
- dubia* Stoss., 1897b, 85 (s. verrucosa) [not Leidy, 1856] (in Falco swainsonii, Brazil; Strix suinda).
- dubini* Cond.-Franc., 1892e, 173, 177 (in Homo; by Dubini).—Stoss., 1897b, 22 (10) (so. lymphatica).—Supino, 1900a, 91 (so. inermis Grassi).
- ecaudata* Oerley, 1882b, 312-313, pl. 10 figs. 1a-d (s. ? obtusa Rud.) (in Lamprotornis aeneus; Brit. Mus.).—Linst., 1891e, 300.—Par., 1899b, 99; 1899a, 15 (cf. obt.).—Stoss., 1897b, 26-27 (14-15) (in L. a.).
- echinata* Linst., 1878b, 235, pl. 8 fig. 20 (in Alburnus lucidus; Ing.); 1889a, 86 (=Spinitectus oviflagellis Fourm., 1883, 575-578) (in Merlangus vulg.).—Hofer, 1904a, 230 (in Anguilla vulg., Alb. l.).—Nicoll, 1907a, 71, 72 (Gadus merlangus, Hippoglossus vulg.).—Stoss., 1897b, 37-38 (25-26) (in A. l.; Hameln).
- effilata* Linst., 1897i, 30, figs. 6-7 (in Tragulus pygmaeus; Madagascar); 1906, 7; 1907, 258, 267.
- elachista-cygnipenellæ* Dies., 1851a, 105 (to Gord.) (based on Sieb., 1843a, 84) (in Elachista cygnipenella; by Heyden).
- elaineæ* Linst., 1899a, 360-361 (in Elainea albiceps; Argentina).
- elongata* (Rud., 1819) Schneid., 1866a, 94 (in Sterna nigra).
- ematica* Galeh & Pourquier, 1877d, 140-141 (for hæmatica).—Fogliata, 1881a, 11-13.—Stiles, 1907b, 46 (so. immitis).
- [Embryos of] [See also Microfilaria].—Lingard & Jennings, 1906, 9 (in Tabanus tropicus).—Macfie, 1914, ATMP, 456-458, pl. 25 figs. 1, 3 (in Agama colonorum); 462-463, pl. 25 fig. 2 (in Bufo regularis).—Stitt, 1910a, 238 (key to).
- emma* Stoss., 1897b, 38 (26) (in Calotes emma; Birma) (for Fil. sp. Par., 1890, 778).
- ennomi-crataegatæ* Dies., 1851a, 105 (to Gord.) (in Ennomos crataegata; Middlesex, teste Hope, 1840a, lxxxvi).—[Sieb., 1842e, 161.]
- ephemeridarum* Linst., 1892a, 326, pl. 15 figs. 3-4 (in Ephemera vulgata, Oligoneuria rhenana; Gøtt.); 1893, 330.—Seur., 1916, 355 (in E. v., O. r.).—Stoss., 1897b, 14 (12) (in E. v., Oligoneuria r.; G.).
- ephippigeræ-perforatæ* Dies., 1851a, 96 (so. Gord. barbitistis-perforati) (based on Sieb., 1843a, 83) (in Ehippigera perforata; Mus. Wien).
- equi* Gmel., 1790a, 3039 (in Equus cab., Müell., 49, pl. 109 fig. 12).—A., D., & E., 1901b, 14 (so. equina).—Balfour, 1910, v. 13, 98.—R. Bl., 1847a, 154 (so. e.).—Bennet & Olivier, 1826a, 23-24 (in horse).—Bosc, 1802a, 48.—Braun, 1903a, 276 (so. e.).—Cat. RCSI, 1830, 36 (so. papillosa).—Lam., 1801a, 340.—Lee, 1840a.—Neum. & Mayer, 1914a, 406.—Rail., 1893a, 524 (so. e.).—Rud., 1809a, 62 (so. p.), 63.—Stiles, 1892f, 146; 1907b, 41.—Stoss., 1897b, 39 (27) (so. e.).—Ward, 1895a, 339 (in E. c.) (so. e.).
- equie* Francis, 1894a, 451 (misprint for equina).—Stiles, 1907b, 42.
- equina* (Abildg., 1789) E. Bl., 1849a, 154-155 (s. equi, papillosa), pl. 6 fig. 3.—A., D., & E., 1901b, 14.—Assénova, 1899, 103.—R. Bl., 1888r, 39; 1890a, 7 (s. p.), 8, 9; 1895b, 169-171; 1899e, 520, 525, 528 (in Equus asinus, E. cab.,

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- E. mulus*, 530, 531.—Bossuat, 1902, v. 6, 197 (Egypt).—Braun, 1903a, 276–277 (s. equi, p., hominis bronchialis, hominis, Hamularia lymphatica, Tentacularia subcompressa, Str. bronchialis), figs. 208–209; 1906a, 305–306, figs. 203–204; 1908a, 309, figs. 256–257; 1915a, 326.—Braun & Lûche, 1909a, 150; 1910a, 164, 165.—Brumpt, 1910a, 463.—Carougeau & Marotel, 1903, 448.—Cast. & Chalm., 1910a, 420; 1913a, 532.—Daniels, 1910a, 120; 1914a, 131.—Edelman, 1916a, 263.—Fiebiger, 1912a, 230.—Frœhner, 1915a, 432.—Galli-Val., 1898c, 7; 1901c, 359 (in E. c.); 1908, 611.—Gough, 1908, 4 (in Equus; S. Africa).—Hinebaugh, 1892a, 331.—Hut. & Mar., 1913a, 933; 1913b, 516, 611.—Kipp, 1879a, 104–105.—Kowal., 1902d, 30 (12); 1904, 10 [25] (in E. c.; Lwow).—Lee, 1840a, 278–295.—Lingard, 1905, 1, 2, 50.—Linst., 1899b, 24; 1902a, 222 (s. Ham. lymph.) (in Homo; Breslau, Germany); 1902b, 24; 1903u, 268; 1906, 171; 1907, 266.—Mans., 1907, 678, 684.—Mason, 1915, 37 (in horse).—Moniez, 1896, 354 (not inermis).—[Morgan, 1786a, 383.]—Mordw., 1908, v. 13 (1–2), 193, 194.—Neum., 1897b, 75–84, figs. 1–4; 1897c, 481–482 (oculi); 1897e, 138–140.—Nev.-Lem., 1908, 498; 1912a, 799.—Penel, 1905a, 68, 72, 73, 74 (Brockmann's case of loa at Madras).—Rail., 1893a, 524–526, 528, figs. 364–366.—Sl. & Sw., 1912a, 364, 392, 404, fig. 209.—Smith, A. J., 1908, 269.—Stiles, 1892f, 143, 144, 145, 146, 147; 1907b, 41; 1907e, 623; 1914, MM, v. 2, 306, 315.—Stiles & Hass., 1894e, 346 (in E. c.).—Stoss., 1897b, 39–40 (27–28) (in E. c., E. a., E. mulus, Bos taurus, B. bubalis).—Swords, 1879, 166.—Turnbull, 1879, 100–102; 1879, 606–608.—Vauil., 1901, 123, 128.—Verdun, 1907a, 416.—Ward, 1895a, 334 (in Bos taurus), 339 (in E. c.); 1903, 212; 1916, 689.—Wolffh., 1911, 49–50.
- erinacei* C. E. V. in Rud., 1819a, 8 (in Erinaceus vulg.; C. E. V.).—Dies., 1851a, 319 (to Str.).—Duj., 1845a, 47.—Mol., 1861a, 526 (102) (to Str.).
- erinacei* Sons., 1896m, 438 (larva encysted in muscles & peritoneum of Erinaceus auritus; Egypt).—Seur., 1916, 355.
- [Erkrankung.—See filariasis].—Peichmann, 1910, v. 57, 2291–2293 (treatment).
- erucarum* (Werner, 1782) Schrank, 1788a, 2 (in Falterraupen; Schrank, 1776a 98, pl. 4 fig. 1); 1803, 186.—Dies., 1851a, 100 (so. Gord. vanessæ-antiopæ), 101 (so. G. lycænæ-betulæ), 101 (so. G. l.-quercus), 101 (of Schrank, so. G. v.-polychlori), 101 (of Rud., so. G. v.-urticæ), 102 (so. G. notodontæ-ziczac), 102 (so. G. sphingis-euphorbiæ), 103 (so. G. gastropachæ-trifolii), 103 (so. G. liparidis-salicis), 104 (so. G. euprepia-cajæ), 104 (so. G. g.-quercus).—Duj., 1845a, 66–67.—Rud., 1809a, 79–81 (s. lepidopterorum, larvarum); 1819a, 12, 219.—Sieb., 1839, 169.
- eunectis-scytalis* Mol., 1858c, 430 (s. boæ) (in Eunectes scytale; Caiçara, Brazil).—Stoss., 1897b, 67 (55) (in E. s.; B.).
- eupemphigis-marmorati* Mol., 1858c, 431 (s. bufonis) (in Eupemphix marmoratus; Caiçara, Brazil).—Rail., 1916, 138 (s. bufonis) (in E. m.).—Stoss., 1897b, 67 (55) (in E. m.; B.).
- euprepia-cajæ* Dies., 1851a, 104 (to Gord.) (based on Sieb., 1842e, 158) (in Euprepia caja; by Werner).
- euprepia-jacobææ* Dies., 1851a, 104 (to Gord.) (based on Sieb., 1843, 84) (in Euprepia jacobææ; by Germar).
- evansi* Lewis, 1882b, 63–64; 1882c, 127–128 (in blood of camel; Dera Ismail Khan, India); 1882d, 509; 1884a, 359.—A., D., & E., 1901b, 19.—R. Bl., 1895b, 171–172, 199.—Carougeau & Marotel, 1903, 448.—CrSB, 1905, v. 57, 672.—Gedølst, 1911a, 106 (dromadaire).—Goubaux, 1853, 83.—Hut. & Mar., 1913a, 934, 935.—Johnst. & Cleland, 1911, v. 44, 178, 179.—Leese, 1910, v. 23, Sept. 3, 138–139; 1910, v. 5 (1) 89, 91, 92; 1911, v. 6 (4), 400–414, 5 figs.—Linst., 1903t, 353; 1907, 266.—[Mason, 1911, v. 24 (4), Dec. 30, 329–339, figs. 1–7.]—Nev.-Lem., 1912a, 804.—Rail., 1893a, 523; 1915, 509; 1915, IVC, 747 (in dromedary).—Sergent & Sergeant, 1910, (1902–1909), 215–216.—Seur., 1916, 345, 355 (s. hæmatica cameli) (in chameau).—Sweet, [1915], 17.—Also reported for Camelus bactrianus, C. dromedarius.
- extenuata* Deslgch., 1824p, 395 (in Mullus surmuletus; Ing.).—Dies., 1851a, 285.—Duj., 1845a, 61.—Krøyg., 1838–40a, 581 (in M. s.).—Mol., 1858c, 432 (in M. s.; Caen).—Stoss., 1897b, 67–68 (55–56) (in M. s.; C.).
- falciformis* A., D., & E., 1901b, 33–35, pl. 7 figs. 1–5, pl. 8 figs. 1–2, pl. 13 figs. 5 (subcut. and in blood, Cinnyrus fuliginosa; W. Africa).—Linst., 1907, 267 (in C.; A.).—Seur., 1916, 345 (in C. f.).

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- falconis* Gmel., 1790a, 3040 (in falconum tela cellulosa adbominali et crurali; Pall., 83).—Bosc, 1802a, v. 2, 49; 1830a, 52 (s. attenuata).—Mol., 1858c, 375 (so. foveolata), 402 (so. nodispina).—Rail. & Henry, 1916, 366.—Rans., 1904, 31.—Rud., 1809a, 70 (so. falconum).—Stiles, 1907b, 32 (=fov. or nod.).—Stoss., 1897b, 55 (43) (so. att.); 1898, 96.—Zed., 1803a, 38.
- falconis-magnirostris* M. C. V. in Mol., 1858c, 392 (so. campanulata) (in Falco magnirostris; Brazil).—Rans., 1904, 34.
- falconum* Rud., 1809a, 70 (s. falconis) (in Falco sp. sp.; [Europe]).—Baird, 1853a, 6 (so. attenuata).—Brems., 1811a, 24.—Rail. & Henry, 1916, 366.
- fasciata* Weidmann, 1913, 140–141 (in wild cat; Phila.).
- felis-concoloris* M. C. V. in Mol., 1858c, 389 (so. striata) (in Felis concolor; Caiçara, Brazil).
- felis-jaguarondi* M. C. V. in Mol., 1858c, 421 (so. felis-mellivoræ (pulmonalis)) (in Felis mellivoræ; Ypanema).
- felis-mellivoræ* Stoss., 1897b, 68 (56) (for felis-mellivoræ (pulmonalis)).
- felis-mellivoræ (pulmonalis)* Mol., 1858c, 421 (s. felis-jaguarondi) (in Felis mellivora; Ypanema).—Stoss., 1897b, 68 (56) (in F. m.; Brazil).
- felis-onçæ* Stoss., 1897b, 68 (56) (for felis-onçæ (intermuscularis)).
- felis-onçæ (intermuscularis)* Mol., 1858c, 421 (s. felis-onçæ) (in Felis onça; Cachoeira do Robo do Ribeirão).—Stoss., 1897b, 68 (56) (in F. o.; Brazil).
- feroniæ-melanariæ* Dies., 1851a, 90 (to Gord.) (based on Sieb., 1842e, 150) (in Feronia melanaria; Coll. Schlotth.).
- feroniæ-metallicæ* Dies., 1851a, 90 (to Gord.) (based on Sieb., 1842e, 151; 1843a, 80) (in Feronia metallica; Goett., Wien).
- filariæ* Dufour, 1828d, 224, pl. 12 fig. 4 [apparently an egg string of Paragord.] (expelled from F. tricuspidata, parasitic in Gryllus burdigalensis).—Leblond, 1836f, 6.
- filiformis* Mol., 1858c, 396 (s. turdi) (in Anabates rufifrons; Cuyaba).—Fedtsch., 1874a, 61 (in A. r.; America).—O'Zoux & Henry, 1909, 547.—Rans., 1904a, 35, 38.—Stoss., 1897b, 68 (56) (in A. r.; Brazil).
- flabellata* Linst., 1888a (b), 9–10, pl. 2 figs. 1–5 (in Paradisea apoda; Aru Islands); 1891e, 300.—O'Zoux & Henry, 1909, 547.—Par., 1890, 777.—Stoss., 1897b, 28 (in Cyanops ramsayi, P. a.).
- flavescens* Cast. & Willey, 1904, SZ, v. 2 [nv.].—Linst., 1906, Jan., 172 (in Calotes versicolor; Colombo, Ceylon).—Seur., 1916 (1917), GrSB, 1134 (14) (in C. v.; C.).
- flexuosa* Wedl, 1856b, 122–126, pl. 1 figs. 1–7 (in Cervus elaphus; by Wedl).—Augustin, 1913, 1–51, 6 pls.—Braun, 1908a, 307.—Cond.-Franc., 1892e, 178.—Fiebiger, 1912a, 231.—Hut. & Mar., 1910b, 1047; 1913b, 1060.—Kless, 1908, ZFM, v. 18, 116–121 (in Hirsch); 1908, Cv, v. 31, 332–333; 1908, HC, v. 4, 379.—Linst., 1879, 328, pl. 5 fig. 12; 1907, 257, pl. 7 fig. 19 (in C. e.; Berl.).—Mol., 1858c, 386–387 (in C. e.; Wien).—Neum. & Mayer, 1914a, 408.—Rail. & Henry, 1909, v. 86, 128 (to Onchocerca); 1910, 251 (in C. e.; Germany).—Stoss., 1897b, 20–21 (8–9) (in C. e.; Wien).
- flexuosa* Schlotthauber, 1860a, 125 (in stomach of Falco buteo; by Schlotth.).
- forficulæ* Rud., 1809a, 77; 1819a, 11, 218–219 (in Forficula auricularia; by Schroeder, 1816).—Bennet & Olivier, 1826a, 24–25 (forficula) (in earwig).—Dies., 1851a, 94 (so. Gord. forficulæ-auriculariæ).—Dufour, 1828b, 66–69, pl. 9C figs. 1–2.—Duj., 1845a, 65.—Maund, 1830a, 46; 1830b, 263; 1830c, 149, fig. 32; 1830, v. 7, 399–400.—Sieb., 1842, 153, 161; 1843, 81.
- forficulæ-borealis* Dies., 1851a, 94 (to Gord.).
- formicarum* Dies., 1851a, 99 (to Gord.) (quotes Sieb., 1843a, 81 (in Formica sp.); teste Gould).
- foveata* Schneid., 1866a, 90, fig. 1 (in Strix brachyotus; Brazil).—Rail. & Henry, 1916, 368 (in Asio accipitrinus).—Shipley, 1905, 252 (in Asio brachyotus; Argentine).—Stoss., 1897b, 44 (32) (in Otus brachyotus; B.).—Also reported for Aegolius brachyotus.
- foveolata* Mol., 1858c, 375–376, 444, 445, 448 (s. attenuata, falconis, Ascarides) (in Corvus frugilegus, Falco cayanæus, F. lanarius, F. lithofalco, F. peregrinus, Thamnophilus stagus; Europe, Praja de Cajutuba).—Lepri, 1898a, 53, 54,

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- 66.—Linst., 1879a, 172–173, pl. 11 fig. 18 (in F. p.).—Par., 1902, 1, 15–16 (in F. p.).—Rail. & Henry, 1916, BSPE, 366, 367.—Skrj., 1915, 133; 1916, 461, 549, 550 (to *Serratospiculum*).—Stiles, 1907b, 32 (cf. *falconis*).—Stoss., 1890, 130; 1891, v. 6, 217; 1892, v. 7, 72; 1897b, 20 (8) (in *Circus cyaneus*, *Corvus f.*, F. p., F. l., F. lith., *Nisus com.*, T. s.; Europe, Brazil); 1898, 94; 1902, 11 (in F. p.).—Also reported for *Aesalon regulus*.
- fragilis* Petrov, 1910, Avn, v. 40 (9), 1202–1203 (on surface of liver, *Bos taurus*; Charkov).
- friganæ* Bosc, 1802a, v. 2, 50 (dans les larves des phryganeæ; Degeer, Ins., 2, 1, pl. 14 figs. 12, 14).
- fülleborni* (Rodenwaldt, 1909) Sl. & Sw., 1912, 515 (lapsus for *Fasciolopsis fülleborni*).
- furcata* Linst., 1899b, 24, fig. 76 (in *Chamæleo* sp.; Madagascar); 1906, 7.—Rail. & Henry, 1914, BSPE, v. 7, 175 (in *C. oustaleti*).—Seur., 1916, 345 (in C. o.); 1916 (1917), CrSB, 1136 (16) (in C. o.; M.).
- fusca* Rud., 1819a, 5, 211 (in *Pleuronectes mancus*; Nap.).—Aless., 1838, 6.—Crep., 1846b, 159, 162, 163, 164, 173.—Dies., 1851a, 284–285 (in P. m.; N.); 1861a, 699 (to *Ichthyonema*).—Duj., 1845a, 62.—Mol., 1858c, 433–434 (in P. m.; N.); (1859), 27.
- fusiformis* Mol., 1858c, 415 (s. *bucconis-calcarati*) (in *Monasa tranquilla*; Barra do Rio negro, Brazil).—Dies., 1861a, 709 (to *Dicheilonema*).—Stoss., 1897b, 68 (56) (in M. t.; B.).
- fusiformis avium* A., D., & E., 1901b, 30–31, pl. 4 figs. 1–4, pl. 13 fig. 3 (in *Hyphantornis aurantus*, H. sp., *Spermestes cucullatus*; apparently Nigeria, W. Africa).—Linst., 1907, 266 (in *Spermestes*, *Hyphantornis*; A.).—Seur., 1916, 345 (in H. a., H. sp., S. c.).
- galeata* Lint., 1905d, 325, 330, 344–345, 374, pl. 3 fig. 17, pl. 4 figs. 18–20 (in *Coryphæna equisetis*, *Sphyrna tiburo*; N. Carolina).
- gallerucæ-alni* Dies., 1851a, 93 (to Gord.).—[Sieb., 1842e, 152.]
- gallinæ* Schrank, 1788a, 1 (in *Gallus dom.*; Gœze, 1782a, 126, pl. 7B figs. 8–10); 1790a, 119; 1803, 191.—Bennet & Olivier, 1826, 24 (in *Huishœn*, *Tetrao tetrix*).—Bosc, 1802a, v. 2, 49.—Gmel., 1790a, 3040.—Hass., 1896a, 5, 6 (so. *Trichosoma longicolle*).—Mol., 1861c, 320 (so. T. *annulatum*).—Nordm., 1840a, 666 (so. *Hamularia cylindrica*).—Rud., 1809a, 84 (so. H. *nodulosa*).—Stiles, 1907b, 31.
- gammari* Linst., 1892a, 325–326, pl. 15 fig. 2 (in *Gammarus pulex*; by Linst.).—Seur., 1916, 355 (in G. p.).—Stoss., 1897b, 15 (in G. p.; Gœtt.).
- gasterostei* Stiles, 1891g, 164–165 (3–4) (in *Gasterosteus aculeatus*; Baltic Sea).
- gastropachæ-quercifoliæ* Dies., 1851a, 104 (to Gord.) (based on Sieb., 1843a, 83) (in *Gastropacha quercifolia*; by Rossi).
- gastropachæ-quercus* Dies., 1851a, 104 (to Gord.) (based on Sieb., 1842e, 158) (in *Gastropacha quercus*; by Werner).
- gastropachæ-trifolii* Dies., 1851a, 103 (to Gord.) (based on Sieb., 1842e, 158) (in *Gastropacha trifolius*; by Hettlinger).
- gastrophila* Müell., 1894a, 113–116, pl. 7 fig. 1 (in *Felis dom.*); 1894c, 685; 1895b, 107, 267–268 (in F. d.).—Geddes, 1911a, 106 (in cat.).—Hut. & Mar., 1913b, 255.—Nev.-Lem., 1912a, 804.—Stoss., 1897b, 47–48 (35–36) (in F. d.).
- georgiana* (Stiles, 1907) Cast. & Chalm., 1910a, 448.
- geotrupis* Linst., 1896i, 375, pl. 16 fig. 1 (in *Geotrupis sylvaticus*; by Linst.).—Seur., 1915, 564 (in G. s.); 1916, 355 (in G. s.).—Stoss., 1897, 15 (3) (in G. s.; Gœtt.).
- gibsoni* Cleland & Johnst., 1910, AG, v. 21 (2), Feb. 2, 173–174 (1–2) (in brisket of *Bos taurus*; Queensland); 1910, v. 44, 156–171 to (*Onchocerca*) (in cattle and ? Indian buffalo); 1910, JCPT, v. 23 (4), Dec. 31, 335–353; 1911, JMMH, v. 1 (1), Jan., 21–24 (in cattle; Queensland); 1911, JTVS, 536–548, figs. 1–4; 1911, 35–58, 4 figs.—Leiper, 1911, QAJ, v. 26 (4), 220–221.
- gigas* Prout, 1902a, 880 (in *Homo*; Moyamba, Sierra Leone, W. Africa); 1902, Oct. 15, 318–319; 1905b, 683.—R. Bl., 1905a, 538.—Braun, 1908a, 306; 1915a, 321.—Cast. & Chalm., 1910a, 407; 1913a, 522.—Guiart, 1910a, 468.—Looss, 1905c, 170 (in H.; S. L.).—Low, 1905b, 1329–1330 (considers contamination, probably insect hairs).—Mans., 1903e, 546, 604 (in H.; S. L.); 1904, 546,

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- 604.—Nev.-Lem., 1906a, 306; 1908a, 486.—Penel, 1905a, 5, 10, 81, 125, 141, 147.—Sl. & Sw., 1912a, 363.—Stiles, 1907b, 49; 1914, MM, v. 2, 305, 306, 315.—Verdun, 1907, 416.—Ward, 1916, 690.
- globiceps* Rud., 1819a, 7, 215 (in *Blennius phycis*, *Uranoscopus scaber*; Nap.).—Crep., 1846b, 159, 162, 173.—Dies., 1851a, 285; 1861a, 699 (to *Ichthyonema*).—Duj., 1845a, 61.—Mol., 1858c, 432 (in *Phycis mediterraneus*, U. s.; N.).—Schneid., 1866a, 25, 78, 175.—Wagener, 1857a, 112, pl. 36A fig. 14.—Will.-Suhm, 1870, 17.
- glomeridis* Linst., 1885b, 243, pl. 14 figs. 17–18 (in *Glomeris limbata*; by Linst.).—Seur., 1916, 355 (in G. l.).—Stoss., 1897b, 16 (4) (in G. l.; Hameln).
- gobionis* Schrank, 1788a, 2 (in *Gobio*; Goeze, 1782a, 126, pl. 8 figs. 1–3).—Rud., 1809a, 60 (so. ovata).—Seur., 1916, 355.—Sramek, 1901, 102 (so. *Ichthyonema ovatum*).
- gomphoceri-biguttuli* Dies., 1851a, 97 (so. *Gord. oedypodæ-biguttulæ*) (based on Sieb., 1843a, 83) (in *Oedypoda biguttula*; Austria).
- gomphoceri-paralleli* Dies., 1851a, 97 (so. *Gord. oedypodæ-parallelae*) (based on Sieb., 1843a, 83) (in *Oedypoda parallela*; Mus. Wien); 1850, EZ, v. 10, 334 (6).
- gracilis* Rud., 1809a, 57–58, pl. 1 fig. 1 (in *Simia capucina*; by Albers); 1819a, 3–4, 208 (in *S. apella*, S. c., *S. paniscus*, *S. sphynx*; Berl.).—Ben., 1878a, 278 (in *atèle* & *chimpanzé*).—Blainv., 1828a, 536.—Brems., 1824a, 123.—Cat. RCSI, 1830, 36 (in S. c., *S. satyrus*).—Cobbold, 1866b, 7 (in *Cebus capucinus*, S. s.); 1879b, 291.—Crep., 1846b, 155, 157, 159, 160, 162, 171.—Crisp, [1861a], 16–17 (in monkey).—Dies., 1851a, 271 (in *Cercopithecus*, *Cebus paniscus*, C. cap., C. apella, C. sciureus, C. personatus, C. hirsutus, C. arachnoides, C. variegatus, C. fatuellus, C. lagothrix, C. caraya, C. ursinus, C. trivirgatus, *Jacchus midas*, I. rosalia, I. melanurus, I. chrysopygus, I. bicolor, *Simia inuus*, S. sphinx; M. C. V.); 1857a, 18.—Duj., 1845a, 46–47.—Fox, 1910, 23 (in white throated cebus, black handed spider monkey); 1911, 28 (in monkeys); 1912, 36 (in C. cap.).—Lam., 1816, 217.—Linst., 1899b, 22–23 (s. *Gongylonema filif.*, *Dipetalonema caudispina*), pl. 5 fig. 61, pl. 6 fig. 75 (in *Ateles hybridus*, A. sp., *Cebus capucinus*, C. frontatus; Berl. Zool. Gard.); 1903u, 269.—Mol., 1858a, 167; 1858c, 376–377, pl. 1 fig. 1 (in *Cercopithecus*, Ceb. cap., C. ap., C. ar., C. urs., *Jacchus bicolor*, I. rosalia, J. midas; M. C. V.), 382 (so. *caudispina*).—Nordm., 1840a, 667.—Olfers, 1816a, 54.—Schneid., 1866a, 83, 87, 99–204, 212, pl. 5 fig. 15.—Smith, A. J., 1908, 269 (in *Cebus hypoleucus*).—Smith, S., 1873a.—Stiles & Hass., 1894e, 346 (in *Lagothrix* sp.).—Also reported for *Ateles hybridus*, *Lag. sciuria*, *Simia apella*, *S. capucina*, *S. midas*, *S. paniscus*.
- granulosa* Linst., 1906, v. 1 (3), 256–257, fig. 18 (in *Felis pardus*; Mus. Koenigsb.).—Braun, 1915a, 321.
- grassi* R., H., & L., 1912, v. 5 (6), 395 (misprint for *grassii*).
- grassii* Noe, 1907, RA, Lincei, v. 16, 806–810 (in *Canis fam.*); 1908, v. 17, 282–293, figs. 1–4; 1908, v. 6 (15) 689–690; 1908, CfB, v. 42 (14–16), 500; 1911, Ric. lab. anat. norm. Univ. Roma, v. 15, 235–252, pl. 11 figs. 1–32 (in C. f.; *Rhipic. sanguineus*).—Baldasseroni, 1909, 173 (in dog, R. s.).—Braun, 1915a, 319.—Geddelst, 1911a, 106 (in dog).—R., H., & L., 1912, v. 5 (6), 395 (to *Acanthocheilonema*).—Seur., 1916, 355.
- gruis* Linst., 1875a, 197–198, figs. 23–24 (in intest. wall of *Grus cinerea*, in liver of *Ciconia alba*; lng).—Mingazzini, 1900, 144, figs. 5, 6.—Rizzo, 1902, 37 (in *Gongylus ocellatus*).—Seur., 1916, 352, 355.—Stoss., 1897b, 13 (1) (in C. a., G. c.); 1900, 4–5, figs. 13–16.
- gruis-antigones* Cobbold, 1861e, 124 (in *Grus antigone*; lng.).
- grylli* Gmel., 1790a, 3040 (in *gryllis*; Goeze, 1782a, 128, et al.).—Bennet & Olivier, 1826a, 25 (in green grasshopper).—Bosc, 1802a, v. 2, 49.—Dufour, 1828d, 223 (? so. *triscuspidata*).—Duj., 1845a, 65.—[Hope, 1840a, lxxxv.].—Rud., 1809a, 78 (so. *locustæ*).
- grylli-bordigalensis* Dies., 1851a, 95 (to *Gord.*).—Cam., 1886a, 161 (so. *G. tricuspidatus*); 1897g, 400 (so. *Paragord. tricuspidatus*).—[Sieb., 1842e, 154.]
- guineensis* Dungal., 1893a, 440 (so. *medinensis*); 1900a, 440 (to *Dracunculus*).—Stiles, 1907b, 40.

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- guttata* Schneid., 1866a, 80, 83, 92, 213, 300 (1 fig.) (in *Falco berigera*: Australia).—Johnst., 1912, v. 12, 109 (in *Hieracidea berigera*:—Rail. & Henry, 1916, BSPE, 367, 368 (in F. b.: A.).—Seur., 1915, 23 (so. *attenuata*).—Skrj., 1916, 461, 550 (to *Serratospiculum*); 1915, 134.—Stoss., 1897b, 54-55 (in F. b.).
- labiato-papillosa* Linst., 1903t, 353 (lapsus for *labiato-papillosa*).
- hæmatica* Leuck., 1867b, 102 (in heart of dog: Gruby & Delafond, 1852).—Cazal-bou, 1906, v. 83, 596-597 (W. Africa).—Cobbold, 1873c, 92.—Dav., 1877a, 345, 347-349, 909, 955, 957, 973.—Dolley, 1894a, 993 (so. *immitis*); 1901, 993.—Erc., 1875a, 38 (mentioned in discussion of i.).—Fogliata, 1881a, 11-13.—Galeb & Pourquier, 1877a, 271-273 (in dog); 1877b, 95; 1877c, 127-129; 1877d, 140-141; 1877f, 352.—Hut. & Mar., 1905a, 734; 1913a, 929.—Lancereaux, 1888b.—Lavault, 1896a, 162-163 (in *Canis fam.*).—Nogueira, 1886a, 666-667.—Signal [1884, 226].—Stiles, 1907b, 46 (so. i.).
- hæmatica cameli* Pricolo, 1913, CfB, v. 71, 199-200 (in chameau; Tripoli).—Seur., 1916, 355.
- hæmophila* Linst., 1903t, 352-353, figs. 1-2 (in *Bos bubalus*: Malay Peninsula).—Rail. & Henry, 1912, 115 (so. *Eleaphora poeli*).—Sweet, [1915], 11.
- hæmorrhagica* Rail., 1885a, 379-380, fig. 266 (s. *multipapillosa* C. & D., not *multipapilla* Mol.) (in *Equus cab.*; Condamine & Drouilly, 1878, RMv, 1144); 1893a, 505, 525; 1915, 510; 1915, IVC, 748.—Rail. & Moussu, 1892a, 545-550 (s. *multipapillosa* C. & D., not Mol., 1857) (in donkey); 1892b, 1-6; 1892c, 344-345; 1892d, 243-244; 1893a, 229-234.—A., D., & E., 1901b, 15 (s. *multipapillosa*, *multipapilla*) (in horse and donkey).—Assénova, 1899, 121.—Braun, 1903a, 276 (s. *multipapillosa*).—Cancel, 1913, Sept., 1914, v. 39 (6), 353.—Craig, 1915, 508.—Fiebiger, 1912a, 232.—Fröhner, 1915a, 536.—Geddelst, 1911a, 106 (in h. & d.).—Hobday, 1898b, 266-267 (*hemorrhagica*) (in pony; Eng.).—Hut. & Mar., 1906a, 941; 1910b, 1045; 1913b, 1057.—Maz-zanti, 1900b, 626.—Neum. & Mayer, 1914a, 408.—Nev.-Lem., 1912a, 795.—Ratz, 1898, 393-395; 1900, 142-143.—Romanovitch, 1914, v. 77 (26), 390-391; 1916, CrSB, 744-745.—Rossignol, 1844, v. 1, 878-881.—Sl. & Sw., 1912a, 393, 403.—Stoss., 1897, 24-25 (in *Equus cab.*, *E. asinus*).—Vaull., 1901, 123, 128.—Ward, 1895a, 339 (in *E. c.*).—Also reported for *E. mulus*.
- haje* Wedl., 1861b, 472-473, 482, figs. 27-28 (in *Uræus haje*; Egypt).—Seur., 1916, CrSB, 1133.—Stoss., 1897b, 68 (56) (in *Naja haje*).
- hamata* Linst., 1877a, 11-12 (in *Falco nisus*; Ing.); 1879a, 172, pl. 11 fig. 17 (in *Astur nisus*).—Stoss., 1891, 89 (to *Disph.*); 1898, 93.
- hamata* Simonds, 1893, JRAS, v. 24, 600, 605-607 (in *Ovis aries*; Eng.); 1893a, 284 (in sheep; Eng.) (so. *Str. contortus*); 1894a, 579-583.—Cobbold, 1882d, 186 (so. *S. c.*) (in *Ovis aries*).—Hart, 1875a, 284 (so. *S. c.*).—Veterinarian, 1875, v. 48, 584.
- hamulosa* (Dies., 1851; Schneidem., 1896a, 308 (seu *Spiropt.*) (in Magenwand des Huhnes).—Stiles, 1907b, 42 (by lapsus. so. *equina*).
- harpali-ænei* Dies., 1851a, 91 (to *Gord.*) (in *Harpalus æneus*; Middlesex, teste Hope, 1840a, lxxxiv).—[Sieb., 1842e, 161.]
- harpali-azurei* Dies., 1851a, 91 (to *Gord.*) (based on Sieb., 1843a, 81) (in *Harpalus azureus*; by Spence & Kirby).
- harpali-binotati* Dies., 1851a, 91 (to *Gord.*) (in *Harpalus binotatus*; Middlesex, teste Hope, 1840a, lxxxiv; M. C. V.).—[Sieb., 1842e, 161.]
- harpali-ruficornis* Dies., 1851a, 92 (to *Gord.*) (in *Harpalus ruficornis*; Middlesex, teste Hope, 1840a, lxxxiv).—[Sieb., 1842e, 161; 1843a, 80, 81; 1850k, 332 (4).]
- hebetata* Cobbold, 1873m, 676 (in Crested seal; Liverpool?); 1875c, 217; 1875d, 211 (in seal; Ing.); 1879b, 314.—Joly, —, 14.—Linst., 1903t, 353.—Seur., 1916, 345 (in *C. c.*).—Stoss., 1897b, 69 (57) (in *Cystophora cristata*).
- heleцина* Leidy, 1886e, 310 (for *helicina* Mol.); 1904, 190.
- helicina* Mol., 1858c, 391-392 (s. *ploti*) (in *Plotus anHINGA*; Brazil).—Dies., 1861a, 702.—Leidy, 1886e, 310 (*heleцина*) (s. *anHINGA*, *wymani*, *Eustr. sp.*) (in P. a.; Fla.); 1904a, 190.—Linst., 1904n, 300.—Stiles & Hass., 1894e, 347 (in P. a.).—Stoss., 1897b, 69 (57) (in P. a.; Fla.).—Also reported for *Conurus pavua*.
- hellichi* Sramek, 1901a, 95, 96, 99-100, fig. 53a-c (in *Barbus fluv.*, *Squalius dobula*; Podiehrad, Boehmen); 1902, v. 12, 173.—Hofer, 1904a, 230 (in B. f., *S. cephalus*).

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- hystrix-prehensilis* M. C. V. in Mol., 1858c, 382 (so. *diacantha*) (in *Hystrix* (Cercolabes) *prehensilis*: Villa Maria).
- hystrix* Mol., 1858c, 408 (s. *attenuata strigis-flammæ*) (in *Strix flammea*: Ypanema.—Dies., 1861a, 703. Rail. & Henry, 1916, BSpE, 368 (in S. f.; Brazil).—Stoss., 1897b, 69 (57) (in S. f.; B.).
- icteri-pyrhopteri (abdominalis)* Mol., 1858c, 423 (s. *orioli*) (in *Icterus pyrrhopterus*; Brazil).—Stoss., 1897, 69 (57) (in I. p.; B.).
- iminitis* Fayrer, 1879b, 222 (misprint for *immitis*).—Stiles, 1907b, 46.
- imitis* Weidman, 1912, 39 (misprint for *immitis*).
- immitis* Leidy, 1904a, 157 (misprint for *immitis*).—Stiles, 1907b, 46.
- immitis* Leidy, 1856b, 55 (*canis cordis* renamed) (in heart of *Canis* fam.: [U. S. A.]); 1880b, 10-12 (in C. f.); 1904a, 101-102, 157.
- (BELGIUM) Ben., 1878a, 279.
- (BRAZIL) Lavault, 1896a, 162-163.—Magal., 1877a, 539; 1892b, 511-514, figs. 1-4; 1893a, 43.—Silva Araujo, 1878f, 295-312, pls. 1-2; 1878g; 1878i, 319-327, 363-369.
- (BRIT. GUIANA) Daniels, 1897, 71.—Daniels & Stanton, 1907a, 117, 123, 216, 249.
- (CUBA) Guiteras, 1886a, 401.
- (DENMARK) Hansen, 1909, MfD, v. 21 (6), 129-142.
- (DEUTSCHLAND) [Baier, 1733].—Braun, 1893g, 802; 1895b, 224-225; 1901e, 332, 336; 1903a, 263-264, figs. 200-201; 1906a, 285-288, figs. 195-196; 1908a, 295; 1910a, 313, 321.—Braun & Lüthe, 1909a, 151; 1910a, 165.—Deupser, 1894a, 33, 34, 35, 36, 43.—Dewitz, 1892b, 146, fig. 114.—Fiebiger, 1912a, 233, figs. 153, 154.—Fröhner, 1916a, 432.—Fuelleborn, 1908, 667, 668, 669.—Hamann, 1893a, 555; 1893b, 52.—Hempelm., 1912a, 108.—Leuck., 1876a, 613, 635; 1879a, 64; 1886d, 49; 1900c, 80, 82; 1892b, 92 (in *Hæmatopinus piliferus* and *Pulex serraticeps*).—Linst., 1903t, 353; 1906, 171; 1907, 266.—Ratz, 1898, 395-399.—Reuther, 1888a, 429-430; 1890a, 131-134.—Schneidem., 1896, 307-308.—Schneid., 1866, 87-88, 309.—Wolffh., 1910, 233 (in *Ctenocephalus canis*).—Züern, 1882, 243, 244, 245.
- (EGYPT) Looss, 1904b, 554; 1905c, 163.
- (FIN) Vet. J. & Ann. Comp. Path., 1894, v. 38, 186.
- (FRANCE) Bail., 1862d, 49; 1862e; 1866b, 41, 62.—R. Bl., 1887a, 500-507; 1895b, 129-139, 192-193; 1905, 526, 533, 534, 538, 540, 542; 1906, 373, 374.—Bossuat, 1902, v. 6 2, 197 (in liver).—Bourel-Roncière, 1878, 201, 202-203, 205, 206, 207, 209, 212.—Brumpt, 1913a, 524; 1910a, 462.—Cadéac, 1897a, 582-584; 1898a, 401-402.—Calmette, 1884a, 460.—Carougeau & Marotel, 1903, 448, 454.—Dav., 1878a, cviii.—Fabre, 1914, 293-295; 1915, B1P, v. 13 7, 215.—Gués, 1879a, 172, 178.—Marotel, 1906, 165, fig. 4.—Mathis & Léger, 1909, 485; 1911, 431 (in C. f.).—Mesnil, 1913, 1CHD, 186, 193, 197.—Moniez, 1896a, 336, 355-358.—Nev.-Lem., 1908a, 486; 1912a, 786.—Rail., 1889, 127, 130, 131; 1890, 143; 1893a, 509, 354-356 (s. *canis cordis*, *papillosa hæmatica canis-domestici*).—Rec. d. Méd. vét., 1887, v. 64, v. 4 11, 388-389.—Roquet, 1911, v. 62, 204-207, fig. 1.—Vaull., 1901, 120, 131.—Verdun, 1907, 416.
- (GR. BRIT.) A., D., & E., 1901b, 16.—Burke, 1886d, 883-884.—Cast. & Chalm., 1910a, 408, 420.—Cast. & Willey, 1904, 79.—Cobbald, 1873c, 87, 90; 1873w, 676; 1875d, 210; 1875e, 217; 1876, 97; 1878c, 366; 1879b, 185, 303, fig. 58; 1880e, 62, 63, 75 (in *Trichodectes*).—Dalrymple, 1912, VR, v. 25, 322, fig. 1; 1913, AVR, v. 42 (4), 450, fig. 1 (in C. f.).—Fagge & Pye-Smith, 1902a, 472.—Fayrer, 1879b, 221, 222.—Lewis, 1875e, 613; 1875f, 268; 1888a, 615.—Mans., 1907, 101, 611, 684; 1904, 142, 564.—Shipley, 1896, 148, fig. 73.—Steel, 1888, 76.—Vet., 1896, 161; 1898, v. 71 (846), 361.—Vet. J., 1886, v. 23, 230.—Vet. Mag., 1896, v. 3, 51.—Welch, 1873a, 336-338, figs. 1-10; 1873c, 157-170, figs. 1-18; 1874a, 224-225.
- (HUNGARY) Hut. & Mar., 1905a, 734, 866, 870, 898; 1906a, 942, 1047; 1913a, 929; 1913b, 1059.
- (INDIA) Cunningham, 1873a, 835-837, figs. 1-3.—Ganguli, 1912, VR, v. 25, 168 (Calcutta).—Mitter, 1912, BSpE, v. 5, 731-733.—Zibordi, 1912, JTVS, v. 7 (1), 68-84.
- (ITALY) dell'Acqua, 1906, Cv, v. 29 (10), 246-253; 1906, DtW, v. 14 (44), 546-547.—Galli-Val., 1901c, 359; 1908, 610.—Grassi, 1888r, 614, 615, 616; 1888s, 776.—

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Lanzillotti-Buonsanti, 1881a, 212-215.—Mol., 1858c, 384.—Nocé, 1903a, 399; 1903c, 476-483, figs. a-c; 1904a, 32-33; 1904b, 134; 1905, 286, 290.—Par., 1887b, 358-359; 86-87; 1894a, 240; 1896d, 104-107; 1986e, 1-4.—Sons., 1889c, 193, 194; 1889g, 281.—Tabusso, 1905a, 213 s. hæmatica canis; 1905, 112-113; 1908c, 560.—Tiraboschi, 1904, 235.

(JAPAN) Janson, 1889a, 93-97; 1892a, 580; 1893a, 499; 1893b, 58, in a Japanese wolf).—Janson & Tokishige, 1892a, 349-360, pls. 11-12; 1892b, 63-79.

(NETHERLANDS) 't Hoen, 1896a, 215-216.—Horst, 1888, 12; 1889a, 16; 1889a, 1v in right heart of *Felis onca*: Surinam.—Markus, 1909-10, TVM, v. 37, 449-456, pl. 1.—Sl. & Sw., 1912a, 394, 395, 396, 403, 404.

(NEW CALEDONIA) Lang & Noc, 1904c, 69, 70, 73.

(RUSSIA) Mordw., 1908, AMz, Petrograd, v. 13 (1-2), 193, 194, 195.

(TRIESTE) Stoss., 1897, 33-34 (in *Canis fam.*, *C. lupus*, *C. vulpes*, *C. brachyurus*, *Homo*).

(U. S. A.) Anders, 1903a, 1258.—Bell, 1895a, 112-113 perforating ulcer of the stomach); 1898, Cv, v. 21 (27), 333.—Campb. & Lacr., 1907, 81 (*Filaria*).—Dungl., 1893a, 440.—Glasson, 1894a, 558-559.—Harrison, 1884a, 458-459.—Johns & Quereus, 1914, AJTDPM, v. 1, 9, 620-624, pl. 20 figs. 1-4 growth in vitro.—Lamb, 1898a, 288-289.—Pratt, 1916a, 219, fig. 350.—Price, 1903a, 555.—Salmon & Stiles, 1901, 483.—Smith, A. J., 1905, 269.—Stiles, 1907b, 46; 1914, MM, v. 2, 306 (*Dirofil.*).—Stiles & Hass., 1894e, 346 in *C. f.*.—Tyson, 1903a, 1197.—Van Meter, 1892, IMM, v. 1 (10), 1060-1064, fig. 1.—Verrill, 1870, 173.—Ward, 1894, 319, figs. 74-75; 1903d, 704, 1903l, 212-213.—Wheeler, 1895b, 245-247 (*pseudorabies*).

(MISCELLANEOUS) Bodkin & Cleave, 1916, 182 in *C. f.*.—Breinl, 1913, 39 (in *C. f.*; Townsville).—Otto, 1899, 245, 248, 250.—Packard, 1896a, 518.

—, cases: (DEUTSCHLAND) Deifke, 1889a, 105-123, figs. 1-4; 1890a, 515; 1890b, 331.

(FRANCE) Orssaud, 1895a; 1896a, 67; 1896b, 225-226.—Rail., 1890, 133-134 (in dog; Alfort).

(ITALY) Cavazzani, 1892a, 1411-1412; 1893a, 1-6 (hypertoxicity of urine).—Giuseppe, 1897a, 185-189, fig. 1 dermatitis.—Rosso, 1897a, 185-189, figs. 1-4; 1897b, 887-888.

(U. S. A.) Hopkins, 1906, BJHH, v. 17, 377-379, fig. 7.—Wilkinson, 1912, AJVM, v. 7 (5), May, [213], 11 (fatal).

—, cases in man, alleged: (GR. BRIT.) Bowlby, 1889a, 891; 1889b, 786; 1889c, 190.—Stephens, 1909b, 317-319; 1909c, 126.

—, in blood of dog: (CHINA) Somerville, 1880, 71-74.

(DEUTSCHLAND) Friedberger, 1889a, 43-45.—Froehner, 1892a, 494-497; 1893c, 575.—Rieck, 1889a, 411-420; 1889b, 678-679; 1893a, 65.

(FRANCE) Gruby & Delafond, 1843a, 325-326; 1843b, 381-382; 1843c, 265; 1844c, 687-688; 1845a, 216-217; 1848a, 67-68; 1852a, 1-15; 1852b, 9-14; 1852c, 36-37; 1852d, 11-12; 1852e, 238-238; 1854a, 33-35 (alteration of blood).

(GR. BRIT.) Vet., 1877, v. 50, 267.

(ITALY) Erc., 1875a, 418-437; 1875b, 88; 1875c, 413; 1875d, 73; 1875e, 37-39; 1875f, 274; 1875g, 254; 1876a, 379.—Pitaluga, 1903l, 45-51, pl. 1; 1904, *Semana med.*, v. 11 (1), 13-14.—Rivolta, 1868f, 300; 1877a, 17-24; 1877b, 365; 1882a, 424-426.

(RUSSIA) Maltseff, 1908, VOv, v. 20, 1031.—Petrovavlovsky, 1904a, 484-492.

—, in heart of dog: (AUSTRIA) Fantin, 1903a, 10-11; 1903b, 57; 1903c, 1130; 1903d, 224; 1904, v. 23, 114.

(CHINA) Somerville, 1875a, 13-17.

(DENMARK) Krabbe, 1870c, 359-361; 1871a, 153.

(DEUTSCHLAND) Deifke, 1889a, 108-123, figs. 1-4; 1890a, 515; 1890b, 331.

(FRANCE) Cancel & Chaix, 1913, Rv, v. 70, v. 38 (5), 295-296.—Collas, 1866a, 557-558.—Legros & Mathieu, 1873, 296.—Mégn., 1882gg, 838-839; 1883h, 172.—Peysson, 1806a, 49-53, fig. 1; 1806b, 441-442.—Rail., 1892s, 371-374.

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(GR. BRIT.) Cobbold, 1875b, 114–115; 1879e, 498.—Hollingham, 1881a, 403–404.—Perry, 1891a, 471.—Rollest., 1888a, 685.—Shattock, 1882a, 434–435.—Simpson, 1854, MJMS, v. 18, 283.—Shipley, 1894, PCPS, v. 8 (3), 211–214, figs. a–b.—Vet., 1874, v. 47 (536), 235.

(HUNGARY) Fettick, 1899a, 245–250; 1899b, 269.

(ITALY) [Birago, 1696].—Silvestri, 1871, 343–345.

(RUSSIA) Sokolov, 1882a, xxi–xxii.

(SPAIN) Molina, 1899a, 568.

(U. S. A.) Earl, 1880a, 23.—French, 1899a, 482–484, fig. 1.—Howard, 1903–04, PPS, v. 7, 91–96; 1904, CPA, v. 15 (18), 770.—Livingston, 1856a, 405–406; 1857a, 87–88; 1857b, 250; 1858a, 688–689.—Osborne, 1847a, 491–492.

—, life history: (AUSTRALIA) Bancroft, 1900a, 150, 151; 1901b, 347–349; 1901c, iii; 1902 (1901a), JPRS, v. 33, 62; v. 35, 41–45; 1903, JPRS, v. 37, 254–257; 1904, BMJ, v. 1, 822–823, figs. 1–2; 1904, AMN, v. 2 (1–2), 138; 1908, JRMS (6), 718.

(CHINA) Somerville, 1880, May, 71, 74.

(DEUTSCHLAND) Fülleborn, 1908, v. 12, in 1–43, pls. 1–3 (mosquito); 1909, v. 43, 346–347; 1909, v. 56, 732.

(FRANCE) Rail., 1901g, 48–51.

(GR. BRIT.) A., D., & E., 1901b, 73.—Dutton, 1901b, 409 (*Anopheles maculipennis*).—Mans., 1903e, 564.—Sambon, 1902a, 422–426, 453; 1902b, 313; 1905c, 39–40.

(ITALY) Grassi & Noè, 1900a; 1900b, 1306–1307; 1900c, 652–657; 1901a, 4; 1903, 275.—Noè, 1901b, 275–353, pls. 19–21, figs. 1–33; 1902c, 776–777.—Pittaluga, 1903h, 830 (embryo); 1903l, 45–51; 1904c, 70; 1904d, 47; 1904f, 18–34; 1904g, 164–170, 182–186; 1904h, 363–368; 1905a, 492–493.—Sons., 1888a, 1–48, pl. 1; 1888b, 113–115; 1888e, 100.

imperatoris d'Herelle & Seidelin, 1909, CrSB, v. 67, 409–410, 3 figs. (a microfilaria, in blood of *Boa imperatoris*; Yucatan).—Seidelin, 1911, v. 5, 371–384, pls. 1–2 (in reptiles).

incoluta Müell., 1897a, 6 (misprint for *involuta*).

incrassata Mol., 1858c, 389 (s. *bradypyi-tridactyli, viveræ*) (in *Bradypus tridactylus*, *Nasua narica*; Rio negro, Brazil).—Dies., 1861a, 700.—Stoss., 1897b, 70 (58) (in B. t., N. socialis; B.).

inermis Grassi, 1887g, 617–623, figs. 1–13 (*conjunctivæ* renamed) (in ass, horse, man; Mailand, Catania, Italy); 1887i, 594.—A., D., & E., 1901b, 12, 14 (s. *palpebralis, peritonei*).—R. Bl., 1888r, 39; 1889a, 704; 1890a, 2–4 (s. *peritonæi hominis, ? palpebralis*); 1895, 785; 1899e, 523, 528; 1905a, 534.—Braun, 1895b, 225–226; 1903a, 274; 1903a, 303; 1915a, 323.—Brumpt, 1910a, 463; 1913a, 525.—Caland., 1889a, 6 (in *Homo*; Sicily); 1890a, 96, 113–114.—Cast. & Chalm., 1910a, 420; 1913a, 532.—Cond.-Franc., 1892e, 168.—Deupser, 1894a, 18, 19.—Fiebiger, 1912a, 232.—Linst., 1902a, 222 (not *Hamularia lymphatica*).—Ludwig & Sæmisch, 1895a, 733, 734.—Moniez, 1896a, 354–355.—Neum., 1911, v. 68 [n. s.], v. 36 (2), 76–83.—Nev.-Lem., 1902a, 95, 123; 1904a, 97, 127; 1906a, 311; 1908a, 497.—Par., 1894a, 239.—Penel, 1905a, 8, 68 (so. *conjunctivæ*).—Rail., 1893a, 525, 528–529 (s. ? *lentis*).—Ratz, 1898, 298.—Sl. & Sw., 1912a, 362.—Stiles, 1907b, 45.—Stoss., 1897b, 22 (10) (so. *lymphatica*).—Supino, 1900a, 85–91, 3 figs. (S. *apapillocephala, peritonæi hominis, conjunctivæ, dubini, oculi asini*) (cf. *palpebralis*) (in H.); 1904a, 9–10.—Ward, 1895a, 330 (in H.), 339 (in *Equus cab.*) (so. *conjunctivæ*); 1903, 212 (so. *conj.*).

inflerocaudata Sieb., 1842a, 348 (s. *Str. vaginatus* Quekett) (in common dolphin; by Sieb.); 1850, 664, 665.—Baird, 1853a, 7.—Ben., 1870a, 364–365.—Crep., 1846b, 155, 160, 161, 162, 165, 172 (in *Delphinus phocæna*).—Cobbold, 1879b, 425.—Dies., 1851a, 281 (s. *Str. inflexus pulmonalis, S. invaginatus*) (in D. p.).—Mol., 1858c, 422 (in D. P.).—Müch., 1898b, 50.—Stoss., 1897b, 70 (58) (in *Phocæna com.*).—Also reported for *P. phocæna*.

immitis Daniels, 1902, 46 (misprint for *immitis*).—Stiles, 1907b, 46.

insectorum Sieb., 1854b, 8 (in insects) (belongs to *Gord.* or *Mermis*); 1857, 8.—Bail., 1866b, 6, 10.—Desmonceaux, 1868a, 17.—Goldb., 1855a, 23.

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- insignis* Leidy, 1858a, 112 (in *Procyon lotor*; by Wyman, lng.); 1904a, 114.—Cobbold, 1879b, 298.—Dies., 1861a, 711-712 (in P. l.).—Stoss., 1897b, 70 (58) (in P. l.).
- insignis* Schneid., 1866a, 83, 91-92, 213, fig. (in *Picus*; Brazil).—Stoss., 1897b, 43 (31) (so. *brasiliiana*).
- intercostalis* Mol., 1858c, 418 (s. *simiæ*) (in *Cebus* (*Callitrix*) *sciurus*; Brazil).—Stoss., 1897b, 70 (58) (in *Chrysomela sciurea*; B.).
- involuta* Linst., 1879b, 315, 323-324 (a Disph.) (in *Strix flammea*; Coll. Hering, see Hering, 1872, 129-156).—Müell., 1897a, 6 (s. *laticeps*) (also *incoluta*, misprint) (in *Aegolus otus*; lng.).—Seur., 1916, CrSB, 1126 (so. *Acuaria laticeps*).—Stiles, 1892n, 523 (in S. i.).—Stoss., 1891, 84 (to Disph.).
- irritans* (Rivolta, 1884) Rail., 1885a, 384; 1893a, 508 (in *Equus cab.*).—A., D., & E., 1901b, 18.—Craig, 1915, 508.—Drouin, 1902a, 654-660; 1903a, 176-177; 1903c, 31-32 (in E. c.); 1903d, 72, 73.—Fayet & Moreau, 1908, v. 85, 462-463; 1908, v. 6, 692-693; 1908, v. 65, 10-11; 1908, v. 33, 773; 1909, (1), Feb., 50-51; 1909, v. 13, 83-84; 1909, v. 4, 96-97; 1909, v. 20, 880.—Fiebiger, 1912a, 233.—Gedölst, 1911a, 106 (in donkey, horse).—Huguier, 1908, 137.—Hut. & Mar., 1906a, 941; 1910b, 1045; 1913b, 502, 1057-1058.—Jacoulet, 1908, BScMv, v. 85, 350-351.—Lingard, 1905d, 40.—Mazzanti, 1900b, 626.—Monbet, 1913, v. 22, 534-537 (treatment).—Nev.-Lem., 1912a, 797.—Pader, 1901a, 23-25.—Place, 1915, 123.—Rail. & Henry, 1915, 695, 696.—Roger, 1908, 137.—Salle, 1868a, 68-73.—Sl. & Sw., 1912a, 393, 404.—Stiles, 1907b, 37.—Stoss., 1897b, 16 (4) (in E. c., E. *asinus*).—Theobald, 1900, 63.—Tóth, 1910, v. 33 (39), 461-462 (treatment); 1912, BtW, v. 28 (6), Feb. 8, 103.—Van Saceghem, 1915, BSPE, v. 8 (6), 362-363 (Zambi).—Vaull., 1901, 122.—Waldow, 1909, v. 35, 678 (treatment).—Ward, 1895a, 339 (in E. c.).
- jacchi-chrysopygi* (*hepatica*) Mol., 1858c, 419 (s. *simiæ*) (in *Jacchus* (*Hapale*) *chrysopygus*; Ypanema).
- jubæ* Seur., 1916 (1917), CrSB, 1131-1133 (11-13), fig. 1 (s. *Spiropt. bufonis* Stoss., 1900) (in *Zamenis hippocrepis*, *Trogonophis wiegmanni*; Algeria).
- junceæ* Rail. in Nev.-Lem., 1908a, 485 (demarquay Mans., 1897, not Zune, 1892, renamed) (in *Homo*; Antilles).—Braun, 1915a, 320.—Brumpt, 1910a, 460; 1913a, 516.—Cast. & Chalm., 1913a, 529.—Gedölst, 1911a, 106 (in man).—Guiart, 1910a, 468.—Leiper, 1913, 270.—Neum. & Mayer, 1914a, 397.—Nev.-Lem., 1908a, 485.—Seur., 1916, 346 (in H.; St. Lucia).—Sl. & Sw., 1912a, 360-61, 403, 404 (s. demarquay Mans.).—Stiles, 1914, MM, v. 2, 306, 315.
- kennardii* Daniels, 1902, v. 53, 338-339 (in *Crotophaga ani*; Brit. Guiana).
- kilimacæ* Graff, 1907, 118 (for *kilimaræ*).
- kilimaræ* Kolb, 1898a, 28-33 (in *Homo*, and free living; Kilimara, Monisu, Brit. E. Africa); 1898b, 633, 634; 1898c, 300.—Braun, 1903a, 277-278; 1906a, 309; 1908a, 307; 1915a, 322.—Brumpt, 1910a, 463.—Cast. & Chalm., 1910a, 407; 1913a, 523.—F., S., & T., 1916a, 407.—Gedölst, 1911a, 107 (in negro).—Looss, 1905c, 180.—Nev.-Lem., 1908a, 498.—Penel, 1905a, 8.—Sl. & Sw., 1912a, 364.—Stiles, 1907b, 47 (in H.; A.); 1907e, 614, 623; 1914, MM, v. 2, 306, 315.—Ward, 1903, 704; 1916, 609.
- kilincei* d'Herelle & Seidelin, 1909, CrSB, v. 67 (29), 409-411 (a microfilaria, in blood of *Leptophis mexicanus*; Yucatan).
- kuelzii* Rodenwaldt, 1910, AST, v. 14, 529-535, figs. 1-6 (in *Cephalobus maxwelli*, and *Meerkatze*; Njong).—Braun, 1915a, 307.
- külzi* Braun, 1915a, 321 (for *kuelzii*).
- [*labiale* Perronc., 1882a, 312, Italian, see *labialis*.]
- labialis* Pane, (1864a), 32-34 (in *Homo*; Nap., Italy) [nv.].—Addario, 1885, 143.—Anders, 1903a, 1258.—A., D., & E., 1901b, 14.—Assenova, 1899, 50, 52-53, 102, 120.—Ben., 1878a, 278.—R. Bl., 1890a, 14-15, fig. 391; 1895, 785.—Bonis, 1882a, 123.—Braun, 1883a, 182; 1895b, 227; 1903a, 275-276; 1906a, 305; 1908a, 309; 1915a, 324.—Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 408, 421, 448.—Cobbold, 1879b, 207.—Daniels, 1910a, 120.—Dav., 1877a, cvii.—Dungl., 1893a, 440.—Gedölst, 1911a, 106 (in man).—Huber, 1896a, 501.—Ijima, 1889b, 345.—Küech. & Züern, 1881a, 430.—Leuck., 1876a, 61-618, fig. 307.—Moniez, 1896a, 359-360.—Mosler & Peiper, 1894a, 218-219.—Nev.-Lem., 1902a, 95, 123; 1904a, 97, 127; 1906a, 311; 1908a, 498.—Packard, 1893a, 518.—Par., 1894a, 239.—Penel, 1905a, 8.—Perronc., 1882a

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labialis—continued.

312.—Pierantoni, 1908, v. 2 (25), 5 pp., pl. 13 figs. 1-8.—Rail., 1893, 536.—Sl. & Sw., 1912a, 363.—Stiles, 1907b, 47 (in H.; Nap.); 1907e, 614, 623; 1914, MM, v. 2, 306, 314.—Stoss., 1897b, 31 (19).—Tecce, 1908a, 933-934 (in H.; N.).—Tyson, 1903a, 1197.—Vauil., 1901, 124.—Verdun, 1907, 423.—Vogt, 1878, 11, 13.—Ward, 1895a, 331; 1903, 212; 1903, 704; 1916, 690.—Wood & Fitz, 1897, 342.

labiata Crep., 1825a, 1-4 (in *Ciconia nigra*; by Barkow); 1846b, 155, 157, 159, 160, 161, 162, 164, 173, 175.—Ben., 1858a, 1861a, 337; 1868a, 296.—E. Bl., 1849a, 157.—Cond.-Franc., 1895a, 93-108, 248-262, pl. 1 figs. 1-12; 1895, Dec., 633.—Dies., 1851a, 276.—Duj., 1845a, 57-58.—Gieb., 1857a, 268.—Leidy, 1884a, 48.—Leuck., 1879a, 14; 1886d, 11.—Linst., 1902d, 31.—Looss, 1892a, 14.—Mol., 1858c, 414-415 (in C. n.; Paris).—Müch., 1898b, 51.—Nathusius, 1837a, in 52-65, 55, 66-68.—Par., 1894a, 243.—Schneid., 1866a, 84, 89-90, 255, 256.—Schwaitzer, 1864a, 398-399 (in C. n.).—Shipley, 1896, 163.—Stiles, 1907a, 37 (? type of *Dicheilonema*).—Stoss., 1890, 56; 1897b, 41 (29) (s. *ardeæ-nigræ*, *ciconiæ*) (in C. n., C. alba).—Also reported for *Strix brachyotus*.

labiato-papillosa Aless. (1838), 1,¹ or Perronc., 1882a, 326-328, figs. 133-135 (in *Bos taurus*).—A., D., & E., 1901b, 15 (s. *cervina*, *terebra*).—R. Bl., 1899e, 528 (in *Bos taurus*).—Boynton & Wharton, 1916, 352-353.—de Does, 1907, 276-279, 1 pl. (in Rund; Java).—[Desviat, 1912, v. 17 (11), 174-177 (in mule)].—Fantin, 1903, v. 26 (49), 294 (in cattle); 1904, 114; 1904, v. 43 (1), 3; 1904, v. 81 (1), 51-52 (in B. t.); 1904, v. 28 (1), 55.—Fiebiger, 1912a, 231.—Galli-Val., 1901c, 359 (in B. t.).—Johnst. & Cleland, 1911, v. 44, 180.—Linst., 1903t, 353 (*habiato-p.*); 1907, 266, 267, figs. 5-6.—Mans., 1907, 684.—Marotel, 1906b, 165.—Mesnil, 1913, 187 (in *Stomoxys calcitrans*, *bœuf*).—Meuleman, 1908, v. 43, 151.—Mordw., 1908, v. 13 (1-2), 193, 194.—Neum. & Mayer, 1914a, 408.—Nev.-Lem., 1912a, 801.—Noë, 1903a, 387-393 (in *Stomoxys*); 1903b, 928-929; 1904c, 133-134; 1904d, 650-651; 1904e, 221.—Par., 1894a, 241.—Penel, 1905a.—Rail., 1888, 98 (in *chevreuil*; France); 1893a, 526.—Sl. & Sw., 1912a, 393.—Smith, A. J., 1908, 269 (in B. t., *Bison americanus*).—Stoss., 1897b, 41-42 (29-30) (s. *cervi*, *cervina*, *terebra*) (in *Cervus elaphus*, *C. columbianus*, *C. virginianus*, *C. capreolus*, *C. rufus*, *C. namibi*, *C. simplicicornis*, B. t.).—Vauil., 1901, 123, 129.—Ward, 1895a, 334 (in B. t.)—Wolfh., 1911, 50.—Yakimoff, etc., 1917, BSPE, v. 10, 104-105.

[*labiato-papillare* Perronc., 1882a, 326, see *labiato-papillosa*.]

labio-papillosa Stiles, 1892f, 143 (lapsus for *labiato-papillosa*).—Hut. & Mar., 1906a, 491; 1910b, 609; 1913a, 611.—Smith, 1910, v. 18 (3), Nov., 417-422, pl. 15 figs. 1-4.

labiotruncata Mol., 1858c, 412 (s. *tinami*) (in *Tinamus adpersus*, *T. strigulosus*, *T. variegatus*; Brazil, M. C. V.), 427 (sub *tinami-variegati* (*palpebralis*)) (in T. v.).—Rans., 1904, 38.—Stoss., 1897b, 70-71 (58-59) (in T. a., T. s., T. v.).

labialis Tecce, 1908a, 933 (for *labialis* Pane, 1864).

lacræ M. C. V. in Mol., 1858c, 385 (so. *multiapapilla*) (in *Hypsilophus tuberculatus*, Cuyaba; *Thorictis dracaena*, Matogrosso), 430 (so. *podinæmæ-scriptæ*) (in *Podinema scripta*; Matogrosso).

lacræ Dies., 1851a, 115.—R. Bl., 1887e, 167 (relation to *Trichina spiralis*) (in *Lacerta agilis*).—Seur., 1916, 352, 356.

lacrætarum Cobbold, 1861e, 124 (in *Calotes versicolor*; Ing.).

*lacrymalis*² for *lacrymalis* Gurlt.—A., D., & E., 1901b, 19 (s. *bovis*, *palpebrarum*).—Cary, 1893, 50-51 (in eye of domestic animals).—Cobbold, 1873c, 111 (in horse).—Marchi (1860a), (in cattle).—Perdan, (1880a) (cause of conjunctivitis in a cow).—Stiles & Hass., 1894e, 346 (in *Bos taurus*; India).—Verrill, 1870c (d), 177, 178 (66, 67) (in cattle, horse).—Ward, 1895a, 334 (in B. t.), 339 (in E. c.).

[*lacrimale* Perronc., 1882a, 328 (see *lacrymalis* Gurlt).]

lacrimalis Dubini, 1850b, 577 (for *lacrymalis* Dubini (in Homo)).—Dungl., 1893a (1900a), 440 (s. *conjunctivæ*).—? Erc. & Bassi, 1861, 145-151 (in Homo).—Stiles, 1907b, 42 (so. *loa*).

¹ This specific name is attributed by authors to Aless., 1838, *Nuovi annali delle Sc. nat.*, but we do not find it here.

² A very confused species. See following entries.

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- lacrimalis* Moroni, 1864a, 193–211 (for *lacrymalis* Gurlt).—Deupser, 1894a, 18 (in E. c.).—Erc., 1859a, 251, 291, 552, fig. 54 (in cattle, horses); ? 1861, 145.—Leuck., 1876a, 621 (in horse, cattle).—Neum. & Mayer, 1914a, 408 (in cattle).—[? Pauli, 1868a, 23.]—Sl. & Sw., 1912a, 395.
- lacrymalis* Dubini, 1850b, 4 Mar., 576; 20 Apr., 21–22 (in Homo; refers to Mongin, 1770, 338, at Maribarou, isle St. Dominique, and Bajon, 1777 & 1778, at Cayenne & French Guiana); 1850a, 89.—Cobbold, 1864, b 388 (so. *Dracunculus loa*).—Dies., 1861a, 697 (so. *D. oculi*=*loa*).
- lacrymalis* Duj., 1845a, 46 (in Homo) [does not give reference].—Stiles, 1907b, 42 (so. *loa*).
- lacrymalis* Gurlt, 1831a, 347–348, pl. 5 figs. 1–6 (s. *Thelazia rhodii*) (in cattle, horses; by Gurlt); 1835a, 28–31 (in *Equus* cab., by Busch in Trier).—Addario, 1885, AO, 145 (in horse, cattle).—Bail., 1866b, 38, 39–40 (s. *palpebrarum*).—Ben., 1878a, 279 (in horse, cattle).—Bonis, 1882a, 122.—Cobbold, 1879b, 206 (cf. *lenticis*), 349 (in cattle), 384 (in horse).—Crep., 1846b, 155, 157, 159, 160, 161, 162, 165, 172.—Dav., 1877a, cix, 841.—Dies., 1851a, 265 (s. *Thelazia rhodesii*) (in *Bos taurus*, *Equus* cab.); 1861a, 701 (s. *bovis*).—[? Erc. & Bassi, 1861, 145.]—Fiebiger, 1912a, 231, fig. 152 (in cattle).—Gerber, 1840, 211, pl. 7 figs. 235–236.—Gescheidt, 1833a, 444 (in cattle, horses).—Küech., 1855a, 322 (in horse, cattle).—Linst., 1903t, 353.—Mol., 1858c, 372–373 (in B. t., E. c.).—Moroni, 1864a 193–211; 1864b, 335; 1865a, 27–29.—Neum. & Mayer, 1914a, 408 (in cattle).—Nev.-Lem., 1912a, 809 (of Bail., 1866, & pars of Rail. 1895, so. *Thelazia rhodesii*), 810 (of Gurlt, 1831 pars. so. *Th. alfortensis*), 811 (of Gurlt, 1831, to *Thelazia*).—Par., 1894a, 241 (in B. t., *Mustela foina*).—Pauli, 1868a, 23 (*lacrimalis*).—Perdan, (1880a), (11) (in B. t.).—Perronc., 1882a, 328. [? Pv, 1909, 207–208.]—Rail., 1893a, 527–528 (s. *bovis*, *palpebrarum*, *Thelazia rhodesii*) (in B. t.).—Rayer, 1843d, 148 (in bœuf, âne, mule).—RT, 1861, v. 2, 334, 335 (in cattle).—Schneid., 1866a, 108.—Sieb., 1839b, 158.—Sl. & Sw., 1912a, 404 (in cattle; Europe).—Stoss., 1897b, 21–22 (9–10) (in B. t., E. c.).—Vachetta, 1907a, 227 (in horse).—Vaull., 1901a, 129.—Züern, 1882a, 248 (in horse).
- lacustris* Duj., 1845a, 68–69, pl. 3, fig. F (under leaves of *Nymphaea*; Rennes).—Assmuss, 1865, 52 (so. *Mermis albicans*).—Corti, 1902a, 111 (so. *M. aquatilis*), 112 (a *Paramermis*).—Daday, 1913, 215, 242, 245, 255 (so. *Limnomermis aquatilis*).—Schneid., 1866a, 176, 306.—Sieb., 1853c, 204 (so. *M. a.*).
- lævis* Crep., 1847a, 239 (in *Tarsius spectrum*; teste Burm., 1846).—Cobbold, 1879b, 292.—Dies., 1851a, 265–266; 1861a, 701.—Fourm., 1883a, 297, 298 (under skin of T. s.).—Mol., 1858, 389–390 (in T. s.).—Stoss., 1897, 71 (59) (in T. s.).
- lakrymalis* Schneidem., 1896a, 308 (for *lacrymalis* Gurlt, of horses and cattle).
- lanii* M. C. V. in Mol., 1858c, 373 (so. *dipetala*) (in *Platyrrhynchus pitangua*; Cuyaba).
- lao* Vaull., 1901, 128 (for *loa*).—Stiles, 1907a, 42.
- lari* Rud., 1819a, 10, 218 (in *Larus minutus*; Mus. Wien).—Dies., 1851a, 283.—Duj., 1845a, 58.—Linst., 1909a, 74 (in L. m.).—Mol., 1858c, 429.—Stoss., 1897b, 71 (59) (in L. m.; Wien).
- larvarum* Zed., 1803a, 40 (in insects; quotes Schrank, Gœze, etc.).—Bosc, 1802a, 50.—Rud., 1809a, 79 (so. *erucarum*).
- laticaudata* (Rud., 1819) Schneid., 1866a, 80, 82, 103, pl. 5 fig. 12 (in *Otis tetrax*; by Brems.).—Shipleigh, 1896, 125.
- laticeps* (Rud., 1819) Schneid., 1866a, 93–94, pl. 6 fig. 3 (in *Falco lagopus*).—Hass., 1896a, 5 (to Disph.).—Lepri, 1878a, 59 (to D.).—Rail., 1893, 543 (to D.).—Stiles, 1891g, 164; 1892n, 523.—Stoss. 1891, 90 (to D.); 1898, 94 (to D.).—Also reported for *Aegolius brachyotus*.
- leiperi* Rail., 1916, BSPe., 138, 139, 140 (*bufonis* Leiper, 1909, not M. C. V., 1858 renamed) (in *Bufo regularis*; Nasser, Sudan).
- lenticolis* Guyon, 1864a, 743 (s. *lenticis oculi humani*).
- lenticis* Dies., 1851a, 265 (in Homo; Berl.) (for *F. oculi humani*); 1861a, 702.—Addario, 1885, 141, 142.—Aitken, 1866, 805, 880; 1872, 146, 175 (so. *oculi*).—Anders, 1903a, 1258.—A., D., & E., 1901b, 12.—Ben., 1878a, 277–278.—BkW, 1876, v. 1, 8.—R. Bl., 1890a, 4 (so. o. h.); 1895, 783–785.—Bonis, 1876, 129; 1882a, 112, 114.—Braun, 1883a, 182; 1895b, 226; 1903a, 273, 275 (possibly=*conjunctivæ*); 1906a, 304; 1908a, 309, 310; 1915a, 323, 325.—

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- Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 426.—Chiralt, 1880a, 5 (as var. of oculi) (in Homo); 1882a, 476.—Cobbold, 1864b, 332–333 (s. o. h., oculi) (in H.); 1866, 6; 1879b, 206; 1883w, 513.—Dav., 1877a, cvii, 821.—Dungl., 1893a, 440, 821; 1900a, 440 (in H.); 821 (oculi or lentis).—Gerv. & Ben., 1859b, 144.—Ijima, 1889b, 347.—Küech., 1855a, 322–324.—Küech. & Züern, 1881a, 429.—Kuhnt, 1888a, 541.—Leuck., 1876a, 622–628, fig. 309.—Magal., 1888a, 5.—Mol., 1858c, 390.—Mosler & Peiper, 1894a, 218.—Nev.-Lem., 1904a, 97, 127; 1906a, 311; 1908a, 497.—Nordm., 1842, v. 2, lx.—Polonio, 1860b, 22 (of “Rud.” in *Equus mulus*).—Packard, 1896a, 518.—Penel, 1905a, 8 (so. o. h.), 72.—Quadri, 1858, 153.—Rail., 1893a, 529 (possibly inermis).—Silva Amado, 1873, 151.—Sl. & Sw., 1912a, 363.—Stiles, 1907b, 48 (so. Agamofil. oculi); 1914, MM, v. 2, 306, 314.—Stoss., 1897b, 23 (11) (in H.; Berl.).—Supino, 1900a, 91 (so. inermis).—Swart, 1862, 56.—Tecce, 1908a, 933.—Verdun, 1907, 417.—Verrill, 1870, 171.—Vogt, 1878, 11, 13.—Wagner, 1883, 127.—Ward, 1895a, 331; 1903, 212; 1903, 704, 707; 1916, 689.—Wood & Fitz, 1897, 342.
- leonis* Gmel., 1790a, 3040 (in lion; Redi, 1684a, 14, pl. 9 fig. 2; Müell., 1787, 64).—Bosc, 1802a, v. 2, 48; 1830a, 59.—Dies., 1851a, 280.—Mol., 1858c, 421 (in *Felis leo*).—Rud., 1809a, 68–69; 1819a, 7.—Stiles, 1907a, 31.—Stoss., 1897b, 71 (59) (in F. l.).
- lepidopterorum* Gmel., 1790a, 3041 (in larva of Lepidoptera; Goeze, 1782a, 127).—Duj., 1845a, 67.—Nordm., 1840a, 669 (so. acuminata).—Rud., 1809a, 66 (so. a.), 79 (so. erucarum).
- lepidopterum* Bennet & Olivier, 1826a, 25 (for *lepidopterorum*) (s. uncinata).
- lepilemuris* Fourm., 1883a, 297–298 (in abd. cav. of *Lepilemur mustelinus*; Madagascar).—Linst., 1889a, 13 (in L. m.).
- leporis* Gmel., 1790a, 3040 (in *Leporum coxæ tela cellulosa*; Pall., 83).—Bosc, 1802a, v. 2, 49.—Dies., 1851a, 280.—Duj., 1845a, 48.—Hall, 1907, 180, 187 (in *Lepus timidus*; S. Russia).—Mol., 1858c, 421 (so. *leporis subcutanea*).—Rud., 1809a, 69–70; 1814, 113; 1819a, 8 (so. lep. sub.).—Stiles, 1907b, 31.—Stoss., 1897b, 72 (60) (in L. t.).
- leporis pulmonalis* (Froel., 1802a) Rud., 1819a, 8, 216–217.—Crep., 1846b, 174.—Dies., 1851a, 315 (renamed *Str. commutatus*).—Leuck., 1863a, 50; 1886d, 47.—Reported for *Lepus timidus*.
- leporis subcutanea* Rud., 1819a, 8 (in *Lepus timidus*; quotes Pall.).—Dies., 1851a, 280.—Duj., 1845a, 48.—Mol., 1858c, 421 (in L. t.).
- leptocephala* (Rud., 1819) Schneid., 1866a, 81, 100, 204, 233, 238, pl. 5 figs. 6, 7 (in *Bradypus* sp.; Brazil).—Stoss., 1897b, 94 (82) (to *Spiropt.*) (in *Bradypus didactylus*, *B. tridactylus*; Brazil).
- leptoptera* (Rud., 1819) Schneid., 1866a, 80, 81, 97, 234, 345, pl. 5 fig. 8 (in *Falco*).—Clerc, 1903, 245, 256.—Cobbold, 1879b, 447.—Kowal., 1896d, 256 (6) (in *Buteo vulg.*; *Dublany*); 1904, 25 (10) (in *Hypotriorchis subbuteo*; *Dublany*).—Lepri, 1898a, 53, 54, 64–66.—Linst., 1877a, 10, pl. 1 fig. 16; 1879b, 325, pl. 5 fig. 9; 1901e, 273.—Stoss., 1897b, 52 (40) (in *Accipiter nisus*, *Astur palumbarius*, *Buteo vulg.*, *Circus cineraceus*, *C. cyaneus*, *C. rufus*, *Emberiza pecoris*, *Falco albicollis*, *F. aurantius*, *F. lanarius*, *F. magnirostris*, *F. subbuteo*, *F. tinnunculus*, *F. tridentatus*, *F. uncinatus*, *F. xanthothorax*, *Harpagus bidentatus*, *Herpetotheres cachinans*, *Milvus regalis*, *M. ater*), 140, 141, 143 (128, 129, 131); 1899, 3.—Wolffh., 1900, 10, 12, 13.—Also reported for *Astur nisus*.
- libellulæ* Selys-Longchamp, in Sieb., 1850k, 335 (in *Libellula flaveola*).—Dies., 1851a, 98 (so. *Gord. lib.-flaveolæ*) (in abdom. L. f.).
- lienalis* Stiles, 1892i, 348 (in *Bos taurus*; U. S. A.).—Rail. & Henry, 1910, 251 (in *bœuf*; U. S. A.).—Sweet, 1915, 18.—Ward, 1895a, 334 (so. *Spiropt. reticulata*) (in B. t.), 339 (in *Equus cab.*).
- linstowi* Hall, 1916a, 180, 183, 184–185 (*sciuri* Linst., not Mol. renamed) (in *Sciurus caniceps*; Siam).
- liparidis-chrysorrhææ* Dies., 1851a, 108 (so. *Mermis nigrescens*) (in *Liparis chrysorrhæa*; Europe).—[Plieninger, 1837, 525.]—[Sieb., 1842e, 157; 1848, 298.]

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- liparidis-disparis* Dies., 1851a, 103 (to Gord.) (in *Liparis dispar*; Germany).—[Leuck., 1827a, 11 (in *Phalæna dispar*).]—[Nordm., 1832a, 26 (in P. d.).]—[Sieb., 1842e, 157.]
- liparidis-monachæ* Dies., 1851a, 103 (to Gord.).
- liparidis-salvæ* Dies., 1851a, 103 (to Gord.) (quotes Sieb., 1842e, 157) (in *Liparis salices*; by Roesel).
- loa* (Cobbold, 1864) Aitken, 1866, 881 (in *Homo*) (so. oculi); 1872, 176.
- (AFRICA) Cammermeyer, 1912, 86 (Bas Congo).—Waldow, 1909a, 182-184; 1909d, 2235 (treatment).
- (BELGIUM) Ben., 1878a, 276-277 (possibly so. dracunculus).—Gedœlst, 1911a, 105 to (*Loa*) (in *Homo*).
- (BRAZIL) Silva Amado, 1873, 151.—Magal., 1888a, 5.
- (BRIT. GUIANA) Daniels, 1903, 121; 1910a, 71, 167; 1914a, 111, 112, 113, 114, 115.—Daniels & Stanton, 1907a, 122, 123, 129.
- (DEUTSCHLAND) Braun, 1883a, 182; 1895b, 226; 1903a, 269, 271-273, figs. 204-205 (s. oculi. subconjunctivalis); 1906a, 293, 300-302, figs. 199-200; 1908a, 300; 1915a, 315, figs. 278-282.—Deupser, 1894a, 32.—Fœlger, 1908, 108 (eosinophilia).—Fülleborn, 1908, 668; 1913, 306-310, figs. 30-34, pl. 1 figs. 1-10, pl. 2 figs. 3-4, pl. 3 fig. 3, pl. 4 figs. 1-2, 4-6, 10, 13.—Hempel., 1912a, 108.—Hirschberg, 1895d, 956-958, figs. 1-4 (in eye; French Congo); 1895f, 755.—Kleine, 1915, ZHI, v. 80 (3), 345-349; 1915, BkW, v. 52 (48), 1239 (lea) (Uebertragung durch Chrysops).—Koch, 1910, v. 14 (1), 95-96, 99.—Kûech. & Zûern, 1881a, 428.—Kûelz, 1908, v. 42, 500 (Kamerun swellings); 1908, v. 45, 1543; 1908, v. 12, 437-439; 1908, v. 13, 329-330.—Kuhnt, 1888a, 541.—Leuck., 1876a, 619-622; 1879a, 179; 1886d, 140.—Linst., 1900c, 83.—Ludwig, 1896a, 50-62.—Ludwig & Sæmisch, 1895a, 726-740, pl. 38; 1896a, 424-425.—Mosler & Peiper, 1894a, 218.—Neum. & Mayer, 1914a, 70, 391.—Pick, 1905b, 1172.—Plehn, 1914, 301.—Pollack, 1906a, 1475; 1906b, 1322.—Rodenwaldt, 1910, AST, v. 14 (4), 129-130; 1910, CfB, v. 47 (25), 784; 1910, DmW, v. 36 (10), 479.—Schneidem., 1896, 308.—Seifert, 1908a, 550 (im Auge).—Vogt, 1878, 11.—Wasielewski, 1908, 12; 1913a, 242, 331.
- (EGYPT) Looss, 1904b, 549-574, pl. 19 figs. 1-7 (in H.; Russian from Africa; Bonn, Opobo, S. Nigeria, W. Africa); 1905c, 157, 167, 177, 178; 1905p, 633-634; 1914, 470, 472.
- (FRANCE) Assénova, 1899, 50, 53, 98-99, 100, 115.—[Bennet & Olivier, 1826a, 25.]—Billet, 1906, CrSB, v. 60 (24), 1151-1153.—R. Bl., 1886g, 591-593, 611-612; 1890a, 10-12; 1895, 777-778 (s. sanguinis hominis major, s. h. diurna, diurna); 1900f, 289; 1905, 537, 538-539.—Blatin & Joyeux, 1908, 30, 31, fig. 2.—Brumpt, 1903, 370, 371; 1904, CrSB, v. 56, 630-632; 1904, BIP, v. 2 (11), 473; 1904, JMVZ, v. 55, 354; 1910a, 449; 1913a, 511.—Brunetière, 1913, Ann. Ocul., v. 150, 100-107; 1913, GhSmB, v. 34 (30), 351-354; 1914, TDB, v. 3 (2), 98-99.—Comandon, 1917, CrSB, 316.—Dav., 1877a, cvii.—Guiart, 1910a, 451, 467, 469, 590.—[Guyon, 1838a, 755-756; 1839a, 256; 1839c, 455; 1841a, 30 (in a negress; Martinique); 1841b, 106].—[Guyot in Awachart 1805, 230 (*Loa* is common name employed by natives).]—Jeanselmé & Rist, 1909, 629.—Laveran, 1910, BSPE, v. 3 (4), 208-209; 1916, BSPE, v. 9 (7), 436-438; 1916, Pm, v. 24 (55), 441.—Livon & Pénard, 1906, v. 61, 510-512 (eosinophilia); 1907, v. 5, 83; 1907, v. 2, 244-245.—Moniez, 1896a, 344, 351-354.—Morlot & Zuber, 1914, CrSB, v. 77, 475-476 (neosalvarsan).—Nattan-Larrier, 1907, v. 7 (22), 306; 1907, RHMT, v. 4 (3), 129-142; 1911, BSPE, v. 4, 710-720, pls. 1-2 (eosinophilia).—Nattan-Larrier & Parvu, 1909, v. 2, 635-649, pls. 1-3; 1910, BIP, v. 8 (14), 635-636.—Nev.-Lem., 1902a, 95, 122, 123; 1904a, 97, 126, 127; 1906a, 299, 300, 301, 302, 307, 309, figs. A-E; 1908a, 481.—Penel, 1905a, 3, 10, 67-74, 81-84 (relation to diurna), 111, 127-140, 141, 146, 148, figs. 16-19.—Petit, 1911, Pm, v. 19 (38), 396; 1911, Ann. Ocul., v. 145, 331-340, figs. 1-2.—Rail., 1893a, 529.—Reynaud, 1905b, 339-341.—Rohmer, 1909, RME, v. 41 (16), 527; 1909, Pm, v. 17 (83), 735.—Seur., 1916, 346 (in Chrysops centurionis; Congo); 1917, CrSB, 357.—Sorel, 1911, v. 4 (4), 205-206 (eosinophilia).—Vaull., 1901, 128.—Verdun, 1907, 409-412, fig. 149.—Verdun & Bruyant, 1912, BSPE, v. 5, 506-508.—Wüertz, 1904c, 18-21, figs. 1-4.—Wüertz & Clerc, 1904, v. 55, 1704 (eosinophilia); 1905, AMeAp, v. 17, 260-266.—Wüertz & Nattan-Larrier, 1907a, 558-564; 1907b, 70-71; 1908a, 519.

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- (GR. BRIT.) A. D., & E., 1901b, 43, 46, 50 (in Homo; Opobo; S. Nigeria).—BMJ, 1901, 98 (Nigeria).—Burrows, 1910, JTMH, v. 13 (4), 49–50.—Cast. & Chalm., 1910a, 203, 420–421, 448.—Cobbald, 1879b, 205–206.—Fenton, 1903, BMJ, 1265.—Harrison, 1904, SCMR, 46.—Huffman, 1911, P, v. 4 (1), 75–82, pl. 4 figs. 1–5.—JTD, 1903, v. 6, 160 (Opobo, S. Nigeria).—Kerr, 1904a, 195–196 (in H.) (diurna. Calabar swellings); 1904, v. 2, 613–614; 1905a, 181; 1905b, 474.—King, 1914, TDB, 333, (in *Chrysops dimidiata*, C. silacea).—Leiper, 1911, v. 14 (7), 110–111; 1913, BMJ, v. 1, 39.—Lewis, 1879c, 257.—Mans., 1891g, 204; 1892b, 89 (diurna is young form); 1895a, 157–162; 1901c, 556 (W. coast Africa); 1903e, 597, 598, 626–629, figs. 94–95; 1907, 596, 677–687, fig. 112–116.—Ozzard, 1903a, 139 (see Thomps. 1903, 160).—(Argyll)—Robertson, 1897, MR, v. 52 (3), 104.—Roth, 1896a, 764–765; 1896b, 790–791.—Shipley, 1896, 149.—Shipley & Fearnside, 1906, 18 (s. *Microfil. diurna*).
- (ITALY) Addario, 1885, 141, 146.—Grassi, 1887g, 623.—Sons., 1896, 324.
- (JAPAN) Ijima, 1889b, 347.
- (NETHERLANDS) Sl. & Sw., 1912a, 353, 354, 355, 403, 404, fig. 196 (2).
- (RUSSIA) Kholodk., 1899a, 181.—Mordw., 1908, AMz, Petrograd, v. 13 (1–2), 195.—Shults, 1913, RV, v. 12 (18), 662–665, fig. 1.
- (TRIESTE) Stoss., 1897, 21.
- (U. S. A.) Anders, 1903a, 1258.—Bachelor, 1881a, 108–111; 1881b, 470–471 (and *Pulex penetrans*).—Pratt, 1916a, 219.—Smith & Rivas, 1914, v. 2 (5), 361–377, pl. 19 fig. 1.—Smith, Rivas, and others, 1911, PPS, v. 14 (1), 2.—Stiles, 1907b, 37, 42, 48 (s. bourgi, bourgii, conjunctivalis, diurna, lacrimalis, lao, lou, oculi, sanguinis diurna, sanguinis hominis diurna s. h. major, subconjunctivalis, *Dracunculus oculi*, *Microfil. diurna*, *Vena medinensis pars*); 1914, MM, v. 2, 305, 306, 312.—Stitt, 1910a, 232, 236, 286; 1914a, 263, 264, 266, 276; 1916a, 317.—Tyson, 1903a, 1197.—Vail, 1905d, 1022.—Ward, 1895, 331; 1902d, 350; 1903, 704; 1903l, 211–212, fig. 3544, 3545 (W. coast Africa Brazil, Trinidad, St. Domingo, France, England, U. S. A.); 1905e (f), 376–384, fig. 1; 1905k, 271–345; 1906a, 1–75; 1906b, 75–76; 1906c, 37–90; 1906d, 530; 1906h, 257–258; 1907d, 1011; 1916, 682, 686–687, 689, figs. 4092–4093.
- (MISCELLANEOUS) Birdsall, 1881, 470–471.—F., S., & T., 1916a, 601.—Loys, 1913, 3 ed., v. 2, 577 (Calabar swellings).—Nard, 1907, Feb. 8, 203.—Packard, 1896a, 518.—Rogger, 1901, 96.—Wood & Fitz, 1897, 342.
- , cases: (FRANCE) Bernard, 1898a, 604–606 (male).—Billet, 1906, CrSB, v. 61, 507–508 (male); 1907, BIP, v. 5 (2), 83.—R. Bl., 1899e, 256, 504–534, figs. 1–12 (Monopox Mission (Africa?), Trinidad, Kangwe Hill, Africa, and Kamerun, Old Calabar, Cayo in French Congo, Rio de Janeiro, Opobo, Gambon, Guinée, St. Domingue, Loango, Cayenne, Warri Niger, Liverpool, Gold Coast).—Dufougeré, 1910, BSPE, v. 3 (5), 309–310.—(Guyon) 1864a, 743–748; 1864b, 722–723; 1865a, 58–59.—Maille, 1913, AMPm, v. 99 (6), 462–466; 1913, TDB, v. 2 (8), 421.—Terrier & Prêlat, 1914, Arch. Ophthalm., v. 34, 294–299, fig. 1.—Turbert, 1906a, 64–69.
- (FRENCH CONGO) Texier, 1904, 103, 104 (eyeball, eyelid).
- (GR. BRIT.) Huffman & Wherry, 1911, P, v. 4 (1), 7–18, pl. 2 figs. 1–8; 1911, JTMH, v. 14 (8), 121.—Low, 1911, JTMH, v. 14, 5–8; 1912, v. 15 (3), 38–39 (eosinophilia); 1913, JTMH, v. 16, 118–120.—(Argyll)—Robertson, 1895a, 137–162, figs. 19–24, pl. 6 figs. 1–4; 1895b, 162–167, figs. 1–4; 1897a, 227–232.—Rogers, 1913, ATPM, v. 7B, 363–365.
- (SIERRA LEONE) Prout, 1902a, 880.
- (U. S. A.) MacDonald, 1908, SCP, v. 23, 325–326.—Morton, 1877a, 113–116 (negress at Gaboon, W. Africa).
- (MISCELLANEOUS) Pinto da Rocha, 1914, Med. Contemporanea, v. 32 (48), 379–380; 1915, TDB, v. 6 (6), 308.
- locustæ* Rud., 1809a, 77–78 (s. *gryllæ*) (in *Locusta viridissima*, *L. verrucivora*; by Frisch, Roesel); 1819a, 11–12.—Duf., 1828d, 223 (so. ? *tricuspidata*); 1829, 156 (in *L. v.*, *L. v.*).—Duj., 1845a, 65.—Hope, 1840a, lxxxv.—Sieb., 1839, 169; 1850, 663.
- locustinæ* Dies., 1851a, 96 (to Gord.).
- loliginis* Chiaje, 1823–1829, v. 4, 54, 61, 152, pl. 55 fig. 10 [nv.].—Dies., 1851a, 286.—Mol., 1858c, 434 (in *Loligo vulg.*).—Par., 1894a, 244.—Stoss., 1897b, 72 (60) (in *L. v.*; *Nap.*).

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- loncheri* M. C. V. in Mol., 1858c, 382 (so. diacantha) (in *Loncheres rufa*; Mato-grosso).—Hall, 1916a, 184 (so. d.).
- longicirrata* Linst., 1903k, 115–116, figs. 14–15 (in *Galeopithecus volans*; Siam).—Shipley, 1903, 154.
- lophotis* M. C. V. in Mol., 1858c, 401 (so. sphærophora) (in *Muscicapa lophotes*; Brazil).
- lou* Zool. Rec., 1878 (for 1876), v. 13, 17 (misprint for loa).—Stiles, 1907b, 42.
- lycænæ-betulæ* Dies., 1851a, 101 (to Gord.) (quotes Sieb., 1942e, 156) (in *Lycænæ betula*; by Werner).
- lycænæ-quercus* Dies., 1851a, 101 (to Gord.).
- lycosæ* Leidy, 1856b (1904a), 58 (107) (so. *Mermis robusta*) (quotes Haldeman, 1847a, 356) (in *Lycosa scutulata*; Penn.).
- lymnæi-stagnalis* Dies., 1851a, 137 (so. *Phacelura lymnæi*) (in *Lymnæus stagnalis*; Baer, 1827b, 615).
- lymphatica* (Treutler, 1793) Moq.-Tand., 1860a, 337 (s. *bronchialis*, *Tentacularia subcompressa*, *Trichosoma subcomp.*).—A., D., & E., 1901b, 14.—R. Bl., 1890a, 15–16, fig. 392; 1895, 786.—Braun, 1895b, 228; 1915a, 325.—Brumpt, 1910a, 463; 1913a, 525.—[Chiaje, 1825a, 102–103.]—Dies., — (so. *Str. longevaginatus*).—Moniez, 1896a, 360.—Nev.-Lem., 1902a, 95, 122 (figs.), 123; 1904a, 97, 126, 127; 1906a, 310, 311, figs. B–C; 1908a, 498; 1912a, 804.—Penel, 1905a, 8.—Rail, 1893a, 530; 18—, 15.—Silva Amado, 1873, 151.—Stiles, 1907b, 37, 42 (so. *equina*).—Stoss., 1897b, 22–23 (10–11) (in *Equus cab.*, *E. asinus*, *Homo*).—Tyson, 1903a, 1198 (in H.); 1906, 4 ed., 124 (s. *hominis bronchialis*).—Vauil., 1901, 124.—Ward, 1895a, 331 (in H.); 1903, 704; 1903l, 212 (in H.; Geneva; Switz.); 1916, 690.
- macrolaimus* Linst., 1906, 5–7, pl. 1 figs. 7–8 (in *Centrurus subelegans*; Venezuela).
- macrophallos* Par., 1889c (1890), 778 (14), pl. 3 fig. 18 (in *Hydrosaurus salvator*; Birmania); 1891, 494.—O'Zoux & Henry, 1909, 547.—Stoss., 1897b, 29 (17) (in H. s.; B.).
- macropi-majoris* Cat. RCSL, 1830, 37 (in kangaroo).—Fletcher, 1884 (for 1883), v. 8 (3), 388 (s. *websteri*) (encysted on thigh bone of *Macropus major*; N. S. W.) (see also v. 2, 293).—Linst., 1905t, 357 (so. *macropodis-gigantei*).
- macropodis-gigantei* Dies., 1851a, 280 (for *macropi-majoris*).—Cobbold, 1879b, 432 (renamed *websteri*).—Linst., 1889a, 27; 1905t, 357.—Mol., 1858c, 422 (in *Macropus giganteus*; New Holland).—Stoss., 1897b, 72 (60) (in M. g.; New H.).—Webster, —, fasc. 1, part 4, 37 [nv.].
- magalhæsi* Graff, 1907, 116 (for *magalhæsi*).
- magalhæsi* Daniels, 1898a, 1012 (for *magalhæsi*).—Stiles, 1907b, 45.
- magalhæsi* R. Bl., 1895, 771, 782–783 (in *Homo*; Rio de Janeiro, based on *Magal.*, 1887a, 126–219); 1900f, 289; 1905, 538.—Braun, 1903a, 270, fig. 203; 1906a, 299, fig. 198; 1908a, 305, fig. 253; 1915a, 321, fig. 283.—Brumpt, 1910a, 435, 461; 1913a, 525.—Cast. & Chalm., 1910a, 408, 416, 447.—Daniels, 1910a, 106–111; 1914a, 117.—Koch, 1910, v. 14, 100.—Linst., 1900c, 76, 79, 81, 82, fig. 2; 1903, 353; 1907, 266.—Looss, 1905c, 155, 176–177 (in H.; R. de J.); 1914, 477.—Mans., 1904, 546, 604.—Nev.-Lem., 1902a, 95, 121; 1904a, 97, 124; 1906a, 304, 305, figs. A–B; 1908a, 497.—Penel, 1905a, 10; 113–118, 141, 148, fig. 15 (*magalhæsi*) (s. *bancrofti* Linst., and *Magal.*, 1892, not Cobbold, 1877).—Sl. & Sw., 1912a, 361, 403.—Sons., 1896, 325.—Stiles, 1907b, 45; 1914, MM, v. 2, 306, 314.—Verdun, 1907, 416.—Ward, 1903, 213, fig. 3550; 1903, 704.
- magalhaesi* A., D., & E., 1901b, 49–50 (see *magalhæsi*).—Stiles, 1907b, 45.
- magalhæsi* A., D., & E., 1901b, 43, 47 (for *magalhæsi*).—Mans., 1903e, 546, 604.
- magalhæsi* Mans., 1903e, 546, 604; 1904, 546, 604; 1907, 595, 648, 649.—Stiles, 1907b, 45.
- magalhesi* Penel, 1905a, 113–118, fig. 15 (for *magalhæsi*).—Stiles, 1907b, 45.
- major* (Mans., 1891) Cast. & Chalm., 1910a, 421.
- mansonii* Cobbold, 1879b, 440–441 (in *Gallus gallus*; Amoy); 1880k, 131.—Geddelst, 1903a, 47, 90 (in fowl).—Hass., 1896a, 5 (in *G. dom.*).—Linst., 1889, 46.—*Magal.*, 1888a, 5–12, fig. 1–6; 1895c, 241–244; 1896b, 526–527.—Neum., 1888a, 648; 1892, 735, 759.—Nev.-Lem., 1912a, 805.—Rail, 1893a, 533.—Rans., 1904, 7, 9, 10, 25.—Stoss., 1897b, 35 (in *G. d.*; China, Rio de Janeiro), 149.

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- mansoni* Huber, 1896a, 604 (for and so. sanguinis hominis), 620.—Simon, 1897a, 97.—Stiles, 1907b, 44.
- mansoni* Cast. & Willey, 1904, v. 2 (6), 79–80, figs. 1–6 (in blood of *Mabuia carinata*; Colombo, Ceylon).—Johnst. & Cleland, 1912, 489 (in M. c.).—Linst., 1906, 172 (so. tuberosa); 1907, AN, J. 67, 163.—Seur., 1916, 356 (in M. c.).
- marina* (Linn., 1767) Rathke, 1799a, 66 (in *Lophius piscatorius*; lng.).—Rud., 1809a, 74 (so. piscium).
- marquayi* Graff, 1907, 116 (for demarquayi).
- marsoni* Linst., 1907, AN, J. 67, v. 2 (3), 172 (misprint for mansoni Cast. & Willey).
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- mustelorum* Rud., 1809a, 69 (s. martis) (in *Mustela foina*, M. martes, M. putorius; by Redi); 1810a, 379–380; 1819a, 7, 216.—Aless., 1837, 1–17, pl. 1; 1843, 530.—Ben., 1858a, 1861a, 267 (to *Filaroides*); 1878a, 278 (*mustellarum*).—Bosc, 1830a, 59 (so. martis).—Dies., 1851a, 272 (so. quadrispina); 1857a, 18 (13), 19.—Duj., 1845a, 47.—Fœrster, 1914, 3.—Hall, 1916a, 180 (so. martis).—Mol., 1858a, 166, 167 (so. perforans); 1858c, 387 (so. p.).—Stiles, 1907b, 33 (so. q., p.).—Walter, 1866, 74–75 (in M. p.).
- mustelorum pulmonalis* Rud., 1819a, 8, 216 (in *Mustela foina*, M. martes, M. putorius; [Europe]).—Crep., 1846b, 162, 174.—Dies., 1851a, 280 (in M. f., M. m., M. p.).—Mol., 1858a, 162; 1858c, 419.—Stiles, 1907b, 31 (type of *Filaroides*), 37.
- mustelorum subcutanea* Rud., 1819a, 7, 216 (s. *mustelorum*) (in *Mustela foina*, M. martes, M. putorius; C. E. V.; by Rosa, 1794, 2).—Aless., 1838, v. 1, 1–17, pl. 1 figs. 1–11 (in M. f.).—Hall, 1916a, 180 (so. martis).—Stiles, 1907b, 31 (so. martis), 33.—Stoss., 1897b, 33 (21) (so. quadrispina).
- mustellarum* Ben., 1878a, 278 (for *mustelorum*) (type of *Filaroides*).
- myotheræ* M. C. V. in Mol., 1858c, 425 (s. my.-ruficipitis) (in *Myothera ruficeps*; Brazil).
- myotheræ-campanisonæ* Mol., 1858c, 425 (s. turdi) (in *Myothera campanisona*; Ypanema), 444.—Linst., 1878a, 81.—Rans., 1904, 35, 38, 48.—Stoss., 1897b, 74 (62) (in *Formicivora campanisona*; Brazil), 144 (132).
- myotheræ-chrysopygæ* Mol., 1858c, 425 (s. sylviæ) (in *Myothera chrysopyga*; Ypanema), 444.—Linst., 1878a, 81.—Rans., 1904, 31, 37.—Stoss., 1897b, 74 (62) (in *Formicivora chrysopyga*; Brazil), 144 (132).
- myotheræ-regis (renalis)* Mol., 1858c, 424 (s. my.-regis) (in *Myothera (Turdus) rex*; Marabitanas, Coll. Brazil).—Linst., 1878a, 81.—Stoss., 1897b, 74 (62) (in *Formicivora rex*; Brazil).
- myotheræ-ruficipitis* Mol., 1858c, 424–425 (s. *myotheræ*) (in *Myothera ruficeps*; Marabitanas, Brazil).—Stoss., 1897b, 74 (62) (in *Formicivora ruficeps*; B.).
- myotheræ-scandentis* M. C. V. in Mol., 1858c, 398 (so. obtusa) (M. C. V., Coll. Brazil).
- myrmecophagæ-jubatæ* M. C. V. in Mol., 1858c, 383 (so. æqualis) (in *Myrmecophaga jubata*; Brazil).
- nasicola* Leuck., 1842a, 43 (see also *Spiropt. nasicola*) (in *Mustela foina*, M. putorius; by Leuck.).—Baird, 1853a, 5.—Fœrster, 1914, 1 (in M. p.).—Stoss., 1897b, 18 (6) (in M. f., M. p.).
- nasuta* (Rud., 1819) Schneid., 1866a, 94 (in *Fringilla dom.*; by Brems.).—Anacker, 1887c, 513; 1893i, 345.—Fiebiger, 1912a, 242.—Hass., 1896a, 5 (to Disph.).—Hut. & Mar., 1906a, 208, 282; 1910b, 252, 480.—Land., 1882, 23.—Neum., 1892d, 374.—Nev.-Lem., 1912a, 828.—Rail., 1893a, 544 (to D.).—Schneidem., 1896, 308.—Stoss., 1891, 92 (to D.).
- neglecta* Dies., 1851a, 276 (s. *ranæ-esculentæ*) (in *Pelophylax escul.*; M. C. V.); 1861a, 703.—Küech., 1855a, 272.—Mol., 1858c, 409 (in P. e.).—Rail., 1916, BSpe, 137, 139, 140 (s. r.-es.) (in *Rana temp.*, R. escul.).—Stoss., 1897b, 74 (in R. es.).
- niellyi* (R. Bl., 1885) Moniez, 1889c, 192 (Nielly's case of 1882 in *Homo*).—Dolley, 1894a, 994 (to *Rhabditis*); 1901a, 994.—Stiles, 1907b, 51 (s. *Anguillula leptodera*?) (in H.; near Brest).

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- ninnii* Stoss., 1891a, 217 (2), pl. 3 figs. 1-2 (in *Corvus cornix*; Veneti); 1893, 333; 1897b, 26 (so. *tricuspiis*); 1898, 95.—Par., 1899b, 99.
- nitida* Leidy, 1856b, 56 (in *Rana pipiens*; lng. [U. S. A.]); 1858a, 112 (s. *solitaria*).—Mol., 1858c, 378 (in R. p.; America).—Rail., 1916, BSPE, 137 (in; R. p.).—Stoss., 1897b, 75 (63) (in R. p.; America).
- nitidulans* Schneid., 1866a, 81, 97-98 (in *Tapirus americanus*; Brazil), 233, pl. 5 figs. 10, 11.—Ciurea, 1912, v. 32, 285-294, pl. 1 figs. 1-2.—Seur., 1912, 176.—Stoss., 1897b, 105 (93) (so. *Spiropt. sexualata*).
- noctua-typica* Dies., 1851a, 104 (to Gord.) (quotes Sieb., 1842e, 158) (in *Noctua typica*; by Krosmann).
- nocturna* Mans., 1891g, Aug. 26, 204 (larva in blood of Homo); 1892b, 85, 87, 88, 96; 1897d, 1837, 1838, fig. 1 (in H.; St. Kitts & Montserrat, Demerara, Guiana); 1899f, 644, 645; 1901c, 557-559; 1903e, 545, 546, 547-597, 599, 602, 603, 623, figs. 64a, 65-84; 1904, 17, 18, 128, 142, 312, 341, 342, 343, 545, 548, 555, 561, 564, 573, 633, figs. 64a, 72a; 1907, 595, 596.—Agramonte, 1902, v. 3, 153-154.—A., D., & E., 1901b, 43, 52-53, 55, 69, 72, 89-92; 1902, v. 5, 111-112.—A., K., & G., 1904, Dec. 1, 37.—Assénova, 1899, 52.—Bancroft, 1900a, 149; 1901b, 348.—R. Bl., 1895b, 145-159; 1895, 771 (so. *bancrofti*); 1899e, 513; 1900f, 280, 285, pl. 6; 1905, 526, 527, 541, 542, figs. 288, 289; 1906, 373.—Blatin & Joyeux, 1908, 31.—Braun, 1903a, 264; 1908a, 296; 1915a, 308.—Brit. M. J., 1901, Jan. 12, 98 (fed to *Anopheles claviger*; Nigeria).—Brumpt, 1903, 370; 1910a, 435; 1913a, 498.—Cast. & Chalm., 1910a, 408; 1913a, 523.—Catto, 1904, 663.—Cleland & Johnst., 1912, v. 2, 113 (so. b.).—Daniels, 1897, 70-71, 72; 1898a, 1011; 1898e, 878, 879, 880; 1901b, 409; 1901c, 193; 1903, 144.—Daniels & Stanton, 1907a, 121, 122, 123, 222, 247, 357, 358.—Fagge & Pye-Smith, 1902a, 472.—Firket, 1896a, 791.—Fülleborn, 1908, v. 41 (19-21), 12 (mosquitoes); 1908, 667, 668, 672; 1908, 665; 1912, v. 16 (4), 439-440.—Galgey, 1901, 342, 344, 345; 1902, 316, 317, 318; 1904, 196, 197 (St. Lucia).—Glatzel, 1906, v. 10, 284.—Goodhue, 1906, 1584.—Grassi & Noè, 1900b, 1306 (in *Culex ciliaris*, C. *pipiens*); 1900c, 652, 653, 657.—Green, 1902b, 130 (Caltutta).—Grindon, 1903, v. 51, 1643 (case).—Guiart, 1910a, 454.—Henry, 1896c, 96-109, pls. 3 figs. 1-6 (in Homo, chyluria); 1896d, 477-482, pl. 1 figs. 1-6 (U. S. A.); 1896e, 20; 1896f, 619-620; 1896g, 667; 1896i, 317-318.—Hodges, 1902b, 299.—Hudellet, 1914, 116, 117 (French W. Africa).—Kholodk., 1899a, 180.—Labadie-Lagrange & Deguy, 1899, 459.—Lebrede, 1904, 171-172; 1905f, May, 333.—Legrain, 1898a, v. 1, 151-152 (Algeria).—LeWald, 1901, 212.—Lingard, 1905, 9, 13, 16, 25.—Looss, 1905c, 155, 158, 167; 1911a, 245, 246; 1914, 457.—Low, 1901d, 283, 284; 1902, 2.—Martinez, 1914, v. 62 (21), May 23, 1622-1624 (Porto Rico).—Memmi (1903a), 447-450.—Moniez, 1896a, 338.—Nabias & Sabrazès, 1892d, 60.—Neum. & Mayer, 1914a, 68, 386.—Nev.-Lem., 1902a, 117; 1908a, 471.—Nicolas, 1910, v. 3 (10), Dec. 14, 737-738 (New Caledonia).—Ozzard, 1902g, 83, 84.—Penel, 1905a, 10, 11 (so. b.), 13, 38, 141, 146, 147.—Phalen & Nichols, 1908, v. 3, 305-310, pl. 1 (in Philippines).—Prout, 1902a, 880 (in H.; Freetown, Sherluro, Moyamba, Bandajuma, Sierra Leone, W. Africa).—Remlinger & Hodara-Bey, 1902, 219, 302, 577.—Roger, 1901a, 96.—Sambon, 1900, 219.—Shaw, 1901, 591, fig. 212.—Shipley & Fearnside, 1906, 17-18 (s. *Microfil.*).—Simon, 1907a, 191; 1911a, 130.—Sl. & Sw., 1912a, 348.—Sons., 1896, 294, 300, 322, 324, 325, 327, 328.—Stiles, 1907b, 44; 1907, 614, 615; 1914, MM, v. 2, 305, 307.—Strong, 1901, 28, 29.—Ward, 19031, 212, 213, 216 (so. b.).—Warden, 1909a, 224-225; 1909b, 282.—Wasielewski, 1908, 13; 1913a, 327, 329.—Wellman, 1909, 40.—Wherry, 1905a, 5-15, chart 1, pls. 1-2 figs. 1-2, A-C.
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- nodispina* Mol., 1858c, 402 (s. attenuata, falconis, Ascarides, Lombrichi) (in Falco subbuteo; M. C. V.), 448.—Dies., 1861a, 703.—Rail. & Henry, 1916, BSPE, 367 (in F. s.).—Stiles, 1907b, 32 (cf. falc.).—Stoss., 1897b, 55 (43) (so. at.); 1898, 96.
- nodosa* Mol., 1858c, 380, pl. 1 fig. 3 (s. simiæ-leukeurin) (in Cebus personatus, Jacchus melanarus; M. C. V., Coll., Brazil, Matogrossa, Irisanga).—Dies., 1861a, 701.—Stoss., 1897b, 75 (63) (in Callithrix personata, Hapale melanura; Brazil).
- nodosa* Rud., of Linst., 1903u, 268 (for nodulosa) (in Lanius collurio at Marienburg, and in L. erythronotus in Turkestan).
- nodulosa* Rud., 1820a, 13 (s. collurionis subcutanea) (in Lanius collurio).—Crep., 1846b, 155, 160, 161, 162, 165, 172-173 (s. col. su., col. pulmonalis, cylindrica) (in L. c.); 1847a, 293.—Dies., 1851a, 274-275 (s. Linguatula bilinguis) (in L. c., L. minor, L. rufus); 1861a, 703, 710 (so. Monopetalonema obtuse-caudatum).—Fedtsch., 1874a, 58, 61, 63.—Leidy, 1886e, 309 (in Collurio ludovicianus).—Linst., 1883a, 287; 1886c, 12.—Mol., 1858c, 393 (so. tridens), 409-410 (in L. c.; Berl.), 413 (so. obtuso-caudata).—Müeh., 1898b, 51.—Müell., 1904a, 120.—Par., 1887b, 359-360 (87-88) (in L. a., L. c., L. m.); 1887c, 495 (in L. a.); 1889d, 762, fig. 5 (so. obtusocaudata); 1894a, 242.—Rans., 1904, 35, 37.—Schneid., 1866a, 91 (in L. c.).—Seur., 1915, 21-22, figs. 21-23 (in L. excubitor elegans, L. elegans; Biskra).—Stiles & Hass., 1894e, 347 (in C. ludovicianus).—Stoss., 1890, 56; 1892, 72; 1893, v. 14; 1896, 122, pl. 4 fig. 20; 1897b, 36-37 (24-25) (in C. l., L. a., L. c., L. m., L. r.), 144; 1898, 95.—Wasielewski, 1908, 13, figs. 1, 2.
- notodontæ-camelinæ* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1843a, 83) (in Noto-donta camelina; by Rossi).
- notodontæ-ziczac* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1842e, 157) (in Noto-donta ziczac; by Deg.).
- numidica* Seur., 1917, CrSB, 354-357, figs. 1-3 (in Lepus pallidior, L. kabylicus, Bou-Saâda, Bordj-Menaïel).
- nuptæ* Schrank, 1788a, 3 (in Raupe der Bachweideneule; Goeze, 1782a, 127, pl. 8 figs. 4-6).—Duj., 1845a, 66.—Rud., 1809a, 66 (so. acuminata).
- obtusæ* Leidy, 1886e, 308-309 (s. obtusa of Leidy, 1885, 10); 1904a, 189 (in Junco hyemalis, Sturnella magna, Quiscalus purpureus; Penn., Fla.).—Linst., 1889a, 33 (in J. h.).—Stoss., 1897b, 75 (63) (in H. h., S. m.).
- obtusæ* Leidy in Linst., 1889a, 33 (for obtusæ) (in Alauda arvensis, Junco hyemalis).—Stiles & Hass., 1894e, 347 (in Junco hyemalis, Quiscalus purpureus) (for obtusæ).
- obturans* Prenant, 1886a, 215-216, pl. 1 fig. 1 (in brochet; Nancy).—R. Bl., 1887c, 43-47; 1895b, 184; 1905, 538.—Federley, 1909, v. 35, 88-89.—Hofer, 1904a, 276 (in Esox lucius).—Linst., 1889a, 95 (in E. l.); 1907, 267 (in E. l.); 1909, 74, fig. 65 (in E. l.).—Stoss., 1897b, 38 (26) (in E. l.; N.).—Zsch. 1896, 818, 821.
- obtusæ* Rud., 1802a, 3 (in Hirundo rustica; by Rud.); 1809a, 59 (in H. r.); 1819a, 4 (Greifsw.).—Baird, 1853a, 6.—Brems., 1811a, 20, 24.—Crep., 1846b, 159, 162, 172 (in H. r., H. riparia, H. urtica).—Dies., 1851a, 267; 1861a, 702.—Duj., 1845a, 53, pl. 3 fig. 1.—Fedtsch., 1874a, 61 (in H., Xenops; Europe, America).—Gurtl., 1845a, 262 (in H. r., H. u.).—Küech., 1855a, 322.—Leidy, 1885b, 9-10 (in Junco hyemalis, Sturnella magna; U. S. A.); 1891a, 412 (in Chelidon erythrogaster; Penn.); 1904a, 184-185, 233.—Linst., 1883a, 286; 1886c, 11; 1891e, 300; 1896a, 18 (in H. r.); 1899b, 26 (of Duj.).—Mol., 1858c, 397-398, 447 (s. myotheræ-scandentis, xenopis) (in H. purpurea, H. rip., H. rust., H. u., H. versicolor, Myothera caudacuta, Xenops sp.; Europe, Brazil).—Müeh., 1898b, 51 (in Cotyle rip.; Königsb.).—Olfers, 1816a, 55.—O'Zoux & Henry, 1909, 547.—Par., 1887c, 495; 1894a, 242 (in H. u.).—Stiles & Hass., 1894e, 347 (in Buteo borealis, Chelidon erythrogaster, Dendroica occidentalis).—Stoss., 1897b, 27-28 (15-16) (in body cavity of H. rust., H. rip., H. u., H. v., M. c., Progne purpurea; Wien, Greifsw., Rennes, Genoa, Turkestan, Brazil), 144, 146 (132-133).—Zed., 1803a, 36.—Also reported for Formicivora caudacuta.

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- obtusa* (Rud., 1819) Schneid., 1866a, 79, 80, 82, 83, 84, 93, 97 (in *Mus musculus*), 204, 216, 217, 234, 235, 253, pl. 5 fig. 4, pl. 22 fig. 11.—Hall, 1916, 704 (so. *Protophysura muris*).—Jägers., 1909 (25), 50.—Kowal., 1896d, 257 (7) (in *M. m.*; Dublany); 1902d, 30 (12) (so. *muris*).—Müch., 1898b, 51.—Stiles & Hass., 1894e, 346 (in *M. decumanus*).—Stoss., 1897b, 52 (40) (so. *muris*) (in *M. d.*, *M. m.*).
- obtusa* Par., 1899a, 15 (cf. *ecaadata* Oerley); 1899b, 99.
- obtusicauda* Rud., 1819a, 634 (in *Picus lineatus*; Brazil).—Crep., 1846b, 155, 160, 161, 172 (in *P. l.*; *B.*).—Dies., 1851a, 277 (in *P. aurulentus*, *P. flavescens*, *P. jamaica*, *P. leucolamius*, *P. lineatus*, *P. passerinus*, *P. rubricollis*, *P. robustus*); 1861a, 710 (to *Monopetalonema*).—Duj., 1845a, 55.—Gurlt, 1845a, 250.—Linst., 1878a, 74 (in *P. a.*), 75 (in *P. f.*); 1879b, 315, 327 (in *Lanius rufus*); 1883a, 284–285 (in *L. sp.*); [1886c, 10;] 1903u, 269.—Mol., 1858c, 413–414 (s. *collurionis subcutanea, nodulosa, tetraonis*) (in *Lanius minor*, *L. rufus*, *Perdix leucostrigata*, *Picus aur.*, *P. flav.*, *P. j.*, *P. leu.*, *P. lin.*, *P. pas.*, *P. rob.*, *P. rubr.*), 442, 443, 447.—Par., 1889c, 762, fig. 4.—Rans., 1904, 4, 35, 36, 47, 49.—Stoss., 1897b, 37 (25) (in *L. m.*, *L. r.*, *L. sp.*, *P. a.*, *P. f.*, *P. jamaica*, *P. lin.*, *P. leu.*, *P. p.*, *P. rob.*, *P. rub.*, *Perdix leucostrigata*).
- obtusicauda* n. sp. Schneid., 1866a, 101 (in *Falco subbuteo*; probably Berl.).—Stoss., 1897b, 34 (so. *schneideri*).
- obvelata* (Crep., 1825) Linst., 1877b, 174–175, pl. 12 figs. 4–6 (s. *Cosmoc. alatus*, *Histoc. spiralis*) (in *Totanus fuscus*).—Braun, 1891e, 112.—Müch., 1898b, 51.—Par., 1887b, 360 (88) (in *Alca torda*, *Larus argentatus*, *L. argentatoides*, *L. canus*, *L. fuscus*, *L. maximus*, *L. marinus*, *L. medius*, *L. ridibundus*, *Mergus serrator*, *Sterna risoria*, *Totanus f.*, *T. hypoleucus*, *T. maculatus*); 1894a, 243.—Stoss., 1897b, 54 (42) (in *A. t.*, *L. arg.*, *L. argent.*, *L. c.*, *L. f.*, *L. max.*, *L. mar.*, *L. med.*, *L. r.*, *M. s.*, *S. r.*, *T. f.*, *T. h.*, *T. m.*, *Uria grylle*); 1898, 96.—Also reported for *Actitis hypoleucos*, *A. macularia*.
- ochmanni* Fülleborn, 1909, v. 25, 160 (in *Canis fam.*; Deutsch-Ost-Afrika); 1909, v. 11, 644.—R., H., & L., 1912, 395.
- ochracea* Linst., 1894b, 339–340, pl. 23 figs. 18–19 (in *Thymallus vulg.*; lng.).—Hofer, 1904a, 230 (in *T. v.*, *Trutta fario*).—Stoss., 1897b, 50 (38) (in *T. v.*; Goett.).
- oculi* (in eye of *Homo*) [refers to loa in Africa] Gerv. & Ben., 1859b, 142–144 (quotes Guyon and mentions l.).—Addario, 1885, 142.—Aitken, 1866, 881 (s. *lachrymalis*) (Angola); 1874, 57.—Ben., 1878a, 277.—Bonis, 1882a, 112, 114.—Braun, 1903a, 271 (so. l.); 1908a, 300 (so. l.); 1915a, 315.—Brumpt, 1910a, 449; 1913a, 511.—Cobbold, 1864b, 388 (so. *Dracun. loa*); 1866a, 6; 1879b, 205 (in negroes of Angola Coast).—Dies., 1861a, 697 (to D.).—Guiart, 1910a, 451 (so. l.).—Guyon, [1843, 735]; 1864a, 743–748 (Africa).—Lacompte, 1894a, 375–386 (in Congolaise).—Leuck., 1867b, 150.—Moq.-Tand., 1860a, 337 (s. *lachrymalis* not of Gurlt) (s. l.).—Penel, 1905a, 67 (so. loa).—Neum. & Mayer, 1914a, 391 (so. *Loa loa*).—Sl. & Sw., 1912a, 353 (so. l.).—Stiles, 1907b, 37, 42 (so. l.); 1914, MM, v. 2, 312.—Ward, 1903, 211 (so. l.).
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- oculi* in *Homo* (given as so. *lentic*): Chiralt, 1880a, 2–9, 1 fig. (gives 2 var., *F. lentic*, *F. vitrei*); 1882a, 473–480.—Cobbold, 1864b, 332 (so. *lentic*; quotes Owen and Moq.-Tand.).—Dungl., 1893a (1900a), 440 (so. *conjunctivæ*), 821 (s. *lentic*).—Owen, 1835l, 394 (cf. Cobbold, 1864b, 332) (in *Homo*).
- oculi* (miscellaneous): Armatage, 1895, 413.—Perronc., 1882a, 324–325 (Nap., by Quadri, see *oculi humani*).—Silva Amado, 1873a, 151 (in *Homo*) (s. *subconjunctivalis*).
- oculi* in the eye of the horse: Clarkson, 1845a, 73.—[Anderson, 1806, v. 2 (7), 306.]—Adams, 1887, v. 5 (20), 318, 319 (s. *papillosa*).—Appleton, 1899, v. 49, 95–97.—Carougeau, 1903, v. 26 (37), 226.—Cobbold, 1874t, 789 (Calcutta); 1879b, 383 (so. p.).—Clark, 1886.—Craig, 1915, 508 (treatment).—Francis, 1883a, 236–237; 1888a, 429.—[Grellier, 1844a, 18–19.]—Hart, 1874a, 669, 670; 1894a, 900–907.—Hodgson, [1854a, 71;] 1854b, 278–279.—Kemp, 1883a, 498–500.—Lawrence, 1904 (Bull. 4), 81–82.—Léger, 1907, v. 63, 499–500.—Marriott, 1890a, 89 (India).—Miles, 1864a, 218–219; 1865a, 66–67.—Mills, 1885a, 244–245; 1886a, 470–472.—Neum., 1897b, 75–84, figs. 1–4 (cf. *equina*);

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- oculi* in sheep: Haselbach, 1884a, 63.
- oculi asini* Cond.-Franc., 1892e, 173, 177-178 (in eye of *Equus asinus*; by Rivolta).—Stoss., 1897b, 22 (10) (so. lymphatica).—Supino, 1900a, 91 (so. inermis Grassi).
- oculi canini* Gescheidt, 1833a, [440-441], 445 (in eye of dog; by Gescheidt); 1833, v. 3, 37 (in *Canis fam. fricator*); 1834a, 55.—Cobbold, 1879b, 304.—Crep., 1846b, 160, 162, 163.—Dies., 1851a, 274 (so. trispinulosa).—Fiebiger, 1912a, 232.—Gedöelst, 1901, 106.—Mol., 1858c, 402 (so. t.) (in C. f. fri.).—Nev.-Lem., 1912a, 805.—Rail., 1893a, 531 (so. t.).—Rail. & Henry, 1913, 210.—Rayer, 1843d, 148, 149.—Stoss., 1897b, 84 (72) (in C. f.).—[Rossi, 1896, 557.]—Ward, 1895a, 343 (so. t.).
- oculi equi* Nitzsch of Nordm., 1832a, 12 (cf. papillosa) (in *Equus cab.*; Halle).
- oculi hominis* Vaull., 1901a, 129 (for *oculi humani*).—Stiles, 1907b, 48 (so. Agamofil. oculi).
- oculi humani* Nordm., 1832a, 7-8 (in Homo; by Græfe [Berl.], Germany); 1833b, 268; 1843a, 67.—Aitken, 1866, 805 (so. lentis).—A., D., & E., 1901b, 12 (so. l.).—Barrett, 1896a, 291-292; 1897a, 255; 1897, 419.—R. Bl., 1890a, 4-10, fig. 388 (in H.; by von Græfe); 1899e, 528.—Braun, 1895b, 226-227; 1903a, 273 (so. l.), 275; 1906a, 302-303; 1908a, 309, 310; 1915a, 325).—Brumpt. 1913a, 511.—Cast. & Chalm., 1910a, 420, 426, 448.—Cobbold, 1864b, 332 (so. l.); 1866, 6; 1883w, 513.—Crep., 1846b, 159, 162, 163, 174.—Daniels, 1910a, 119; 1914a, 131.—Dav., 1877a, 821.—Dies., 1851a, 265 (renamed lentis).—Duj., 1845a, 46.—Eiss, 1838a, 25-26.—F., S., & T., 1916a, 406.—Gescheidt, 1833a, 420, 445.—Güenth., 1858a, 198.—Guyon, 1864a, 743 (so. l.).—Küech., 1855a, 322.—Kühnt, 1888a, 541-555.—Magal., 1888a, 5.—Moniez, 1896a, 358-359.—Nev.-Lem., 1902a, 123 (l.); 1908a, 497.—Penel, 1905a, 8, 72.—Quadri, 1858a, 153-155 (of Rud.), figs. 1-3 (in H.; Italy).—Rail., 1893a, 529 (so. lentis).—Rail. & Henry, 1913, 210.—Rayer, 1843d, 149.—Sl. & Sw., 1912a, 363.—Stiles, 1907a, 48 (so. Agamofil. oculi).—Tyson, 1903a, 1197 (vel lentis).—Wallenstedt, 1847, 8.—Ward, 1895, 331; 1903, 212 (so. l.); 1903, 707.—Weinl., 1859, 284.—Wilson, 1890a, 727-729; 1891a, 635 (in eye of Homo; from W. Africa) (says it is called the "Eye-worm" there; 2 in. long. [apparently=loa]).—Yarr, 1899, 176-179.
- oculi ovis* Fiebiger, 1912a, 232 (in Widders [= ram]).
- oculi ranæ* Nordm., 1833b, 268 (in eyes of reptiles).
- oculis* Chiralt, 1880a, 2-9, fig. 1 (for oculi); 1882a, 473-480 (2 vars., F. lentis, F. vitrei).—Stiles, 1907b, 48 (so. Agamofil. oculi).—Stiles & Hass., 1903a, 253.
- œdypoda cœrulescentis* Dies., 1851a, 97 (to Gord.) [(quotes Sieb., 1843a, 83, in *Oedipoda cœrulescens*; by Heeger; and 1848c, 298, in O. C.; by Seiler)].
- œsophagea* Polonio, 1859a [nv.].—Par., 1894a, 243, 627 (in *Tropidonotus viperinus*; Padua).
- okularia* Lingard, 1906, v. 12 (36), 283-284 (for oculi) (in horse, cattle).
- okularis* Lingard, 1906, v. 12 (35), 275-276 (for okularia) (in horse, cattle; India).
- okuli humani* Schneidem., 1896a, 307 (for oculi humani).—Stiles, 1907b, 48.
- opobensis* A., D., & E., 1901b, 39, pl. 12 fig. 2 (in *Hyphantornis* sp., H. aurantus; Nigeria).—Linst., 1907, v. 44 (3), 267 [Microfil.] (in H.; Africa).
- orioli* M. C. V. in Mol., 1858c, 393 (so. tridens), 423 (so. cassici-atri (abdominalis)) (in *Cassicus ater*; Caiçara) (so. pyrrhopteri (abdominalis)) (in *Icterus pyrrhopterus*; Porto do Rio Parana).
- osleri* Cobbold, 1879b, 304 (*Str. canis bronchialis* renamed) (in *Canis fam.*; Osler, 1877a, 387-397, figs. 1-2).—A., D., & E., 1901b, 19 (s. *Str. bronchialis canis*).—Fiebiger, 1912a, 235.—Gedöelst, 1911a, 106 (in dog).—Hut. & Mar., 1913b, 75.—Rail., 1889, 131 (so. *Str. b. c.*); 1893a, 530.—Sangree, 1898a, 314-315, fig. 1.—Sl. & Sw., 1912a, 397, 403.—Vaull., 1901, 126-127.—Ward, 1895a, 343 (in C. f.).

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- ostinops* Daniels, 1902, v. 53, 334-342, figs. 22-24 (in *Ostinops decumanus*; Brit. Guiana).
- otiorhynchi-ragusensis* Dies., 1851a, 93 (to Gord.) (quotes Sieb., 1843a, 81) (in *Otiorhynchus ragusensis*; by Heeger).
- ovale* Lee, 1840a, 283 (s. Gord. piscium) (in liver of carp) (cf. *ovata*).
- ovata* Zed., 1803a, 36-37 (s. gobionis) (in *Cyprinus gobicus*).—Crep., 1846b, 162, 173 (in C.).—Duj., 1845a, 61-62.—Krøyer, 1846-53a, 349, 446, 510; 1852-53a, 1222, 1224, 1225 (in *Aspius rapax*, *Gobio fluviatilis*, *Leuciscus rutilus*, *Phoxinus phoxinus*).—Lam., 1816, 218.—Nordm., 1840a, 668 (s. Asc., gobionis, Gord. piscium).—Olfers, 1816a, 55.—Rud., 1809a, 60 (in C. g.); 1819a, 5, 213.—Seur., 1916, 355, 356.—Šrámek, 1901, 102 (to *Ichthyonema*).—Will.-Suhm, 1870, 26.—Also reported for *Cyprinus dobula*, C. *phoxinus*.
- ozouxi* Rail. & Henry, in O'Zoux & Henry, 1909, v. 2 (9), 544-547 to (*Diplo-triæna*) (in foudi; Noissi-Bé).—Henry & O'Zoux, 1909, v. 7 (24), Dec. 30, 1060; 1909, v. 2 (9), Nov. 10, 544-547 (found in bird named *Faudias mada-gascariensis*; of Madagascar).
- ozzardi* Mans., 1897d, 1837-1838, figs. 5, 6 (in *Homo*; Brit. Guiana); 1898a, 114; 1901c, 562; 1903e, 546, 599-602, fig. 64d; 1904, 546, 599; 1907, 595, 646, 647-648.—A., D., & E., 1901b, 43, 48-49.—R. Bl., 1900f, 289; 1905, 537 (so. demarquayii), 537 (var. *tronquée*) (so. *perstans*), 539 (so. p.).—Braun, 1903a, 270; 1906a, 293, 294, 297-298; 1908a, 303, 305; 1915a, 320.—Brumpt, 1910a, 457, 460; 1913a, 517.—Cast. & Chalm., 1910a, 414, 416; 1913a, 529-530, 533.—Daniels, 1898c, 1-5 (adult in H.; B. G.); 1898e, 879; 1899d, 1459; 1902b, 46; 1902, Dec. 1, 357, 358, 359, 2 figs.; 1903, 114, 120, 121; 1910a, 106-111; 1914a, 111, 115.—Daniels & Stanton, 1907a, 122, 123, 126, 127, 128, 132.—Fülleborn, 1913, 315.—Galgey, 1901, 342, 343, 345; 1902, 316, 317; 1904, 198 (Brit. Guiana).—Guiart, 1910a, 468.—Kennard, 1902d, 70.—Koch, 1910, v. 14, 100.—Leiper, 1913, 270, 272, fig. 9.—Linst., 1900c, 76, 83; 1907, 266.—Looss, 1905c, 170 (in H.; B. G.); 1914, 443.—Low, 1899, June 17, 1459, figs. 1-3, 1-9.—Neum., 1914a, 397.—Nev.-Lem., 1902a, 95, 120, 121; 1904a, 97, 122, 124, 125; 1906a, 302, fig. E, 303, 308, 309, figs. 7-8.—Ozzard, 1902g, 83, 84.—Penel, 1905a, 10, 85 (var. *tronquée*) (so. p.), 105-112, 140.—Prout, 1902a, 880.—Seur., 1916, 346 (in H.; B. G.).—Simon, 1907a, 191; 1911a, 130.—Sl. & Sw., 1912a, 361; 1912, 359.—Stiles, 1907b, 46 (in H.; B. G.), 46 (pars so. demarquayii); 1907e, 614, 622; 1914, MM, v. 2, 305, 306, 313.—Stitt, 1910, 238; 1916, 319.—Thorpe, 1898, BMJ, v. 1, 53.—Verdun, 1907, 415.—Ward, 1903, 215, 216, 1903, 704.
- ozzardi truncata* Mans., 1907 [nv.].—Braun, 1908a, 303 (so. *perstans*); 1915a, 318.—Sl. & Sw., 1912a, 359.
- ozzardi* Daniels, 1902, Dec. 1, 358 (for *ozzardi*).—Stiles, 1907b, 46.
- palpalis* Nev.-Lem., 1912a, 811 (for *palpebralis* Wilson, 1844) (so. *Thelazia lacrymalis* (Gurlt, 1831)).
- palpebralis* Wilson, 1844, (not Pace, 1866) [nv.].—A., D. & E., 1901b, 19.—Braun, 1908a, 308; 1915a, 323.—Fiebiger, 1912a, 232.—Par., 1894a, 429.—Place, 1915, VR, 123 (s. *lachrymalis*) (in horse).—Rail., 1893a, 528.—Sl. & Sw., 1912a, 395, 404.—Stoss., 1897b, 17 (5) (in *Equus cab.*).—Vauil., 1901, 129.—Ward, 1895a, 339 (in E. c.).
- palpebralis* Pace, 1866a, 152-154, pl. 12 (in *Homo*; Italy).—A., D. & E., 1901b, 12 (so. *inermis*).—R. Bl., 1890a, 2 (? so. i.).—Braun, 1903a, 275; 1906a, 304.—Cast. & Chalm., 1910a, 420.—Cond.-Franc., 1892e, 173.—Rail., 1893a, 528 (so. i.).—Par., 1894a, 588 (in H.).—Stiles, 1907b, 45 (in H.).—Supino, 1900a, 91 (so. i.).—Ward, 1903, 212 (so. *conjunctivæ*).
- palpebrarum* Bail., 1858e, 703-704 (syn. *bovis*) (under eyelid of *Bos taurus*); 1858, 386; 1866b, 39 (so. *lachrymalis*).—A., D. & E., 1901b, 19 (so. i.).—Bonis, 1876a, 30.—Nev.-Lem., 1912a, 809.—Rail., 1893a, 527.—Stoss., 1897b, 23 (11) (so. *lymphatica*).—Ward, 1895a, 334 (lach.) (in B. t.).
- palpebre* [(delle) Perronc., 1882a, 312].
- papilionis* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1842e, 156) (in *Papilio* sp.; Mus. Breslau).
- papillosa* Scherer, 1813a, 174-178 (in *Equus cab.*, eye) (for *papillosa*).
- papillicauda* Mol., 1858c, 380 (s. *canis-brachyuris*) (in *Canis brachyuris*; Rio-Araguay).—Dies., 1861a, 701.—Linst., 1878a, 34 (in C. b.).—Polonio, 1860b, 22 (in *Canis fam.*).—Stoss., 1897b, 34 (22) (so. *immitis*).

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- papillifera* Linst., 1878b, 234, fig. 19 (in stom. wall of *Sylvia palustris*; lng.).—Stoss., 1891, 93 (to Disph.).
- papilligera* Crep., 1846a, 156 (in *Scomber scombrus*; by Otto Schilling); 1846b, 173.
- papillosa* Rud., 1802a, 2-3 (s. equi) (in *Equus cab.*); 1809a, 62-65 (s. equi, Gord. equinus), (in Eq.), 208; 1819a, 6, 213-214.—Adams, 1887, 319.—Aless., 1838, 13.—Anderson, 1805, v. 2, 306.—Babes, 1880a, 164.—Bail., 1866b, 37-38, 39.—Ben., 1878a, 278-279.—Baird, 1853a, 5.—Blainv., 1828a, 536.—R. Bl., 1888r, 39.—Braun, 1895b, 226; 1908a, 309; 1915a, 324.—Brems., 1824a, 123; 1824c, pl. 1 figs. 8-11.—Büetsch., 1876, 229, 442.—Camp. & Lacr., 1907, 80-81.—Cast. & Chalm., 1910a, 424; 1913a, 539.—[Chaignaud, 1828a, 77-79 (in eye of *Bos taurus*) and Desmarests, 1828, 79-81.]—Cobbold, 1873c, 110; 1874d, 8; 1874t, 789; 1876t, 17.—Crep., 1839a, 278; 1846b, 155, 157, 159, 160, 161, 162, 165, 172 (in equines and cattle).—Criv., 1845a, 18.—Dalrymple, 1899, 428-431; (1900a), 121-123.—Dav., 1877a, cix, 783, 833-837.—Dies., 1851a, 272.—Duj., 1845a, 49.—Dungl., 1840, v. 8, 331.—Eichw., 1829a, 251.—Elliot, 1899b, 435-436.—Evans, 1881b, 6.—Fedtsch., 1874a, 52.—Fiebiger, 1912a, 230, figs. 149-151.—Fröhner, 1915a, 432.—Galeb, 1878b, 307, 342; 1878b, 350.—Giuseppi, 1897a, 185 (so. immitis), 136 (s. *Trichina uncinata*).—Glage, 1904, 796.—Græfe, 1822a, 110-112 (*ägyptisches Augenüfels*).—Greve, 1818, 174.—Guidotti, 1899a, 203.—Gurlt, 1831a, 45, 51, 279, 348, 384, pl. 5 figs. 7-12.—Hempelm., 1912a, 108.—Hut. & Mar., 1906a, 408, 491; 1910b, 515, 609; 1913b, 516, 611; 1913a, 933, 934.—Kinsley, 1914, 166, 202.—Kholodk., 1895b, 11 (in B. t.; Petrograd).—Kowal., 1894, 6; 1894, 226.—Kozelkin, 1912, v. 7, 745-746.—Kozli, 1905, Nov. 1, 665-668.—Lahne, 1883a, 53.—Lam., 1816, 218; 1840a, 668.—Lange, 1882, v. 8, 71.—Leblond, 1835b, 82; 1837b, 722-723.—Leidy, 1856b, 55.—Leuck., 1868a, 368; 1876a, 613, 619, 625, 635, 655, 719, fig. 310; 1879a, 15, 16; 1886d, 11, 12.—Lingard, 1905d, 55.—Linst., 1883a, 284, pl. 7 fig. 15; 1886c, 9, fig. 15; 1903, 353.—Lutz, 1893a, 128.—Macnamara, 1863a, 405-411 (in eye of man and horse); 1864a, 257-259.—Magal., 1888a, 5.—Meves, 1915, AmA, v. 87, Abt. 2, 12-46, 4, pls.; Abt. 1, 493-495, 611-616.—Meyer, 1896b, 56, 62, 67, 76.—Mol., 1858c, 405-407 (in B. t., E. C., E. asinus, E. mulus); 1861c, 320.—Mûeh., 1898b, 51.—Neum. & Mayer, 1914a, 406.—Nev.-Lem., 1912a, 799.—Nordm., 1832a, 11; 1840a, 668 (s. Gord. equinus).—Olfers, 1816a, 54-55.—Par., 1887c, 494; 1894a, 241.—Plosz (Bela), 1905, Dec. 15, 801-802.—Place, 1911, v. 6 (1), 44-48; 1915, 122 (in E. c.).—Rail., 1890, 143.—Rayer, 1843d, 148, 149 (in horse, ass, mule).—Risso, 1826, 259.—Saunders, 1914, v. 14, 132, 137.—Scherer, 1813a, 174-178.—Schlotthauber, 1860, 125.—Schneidem., 1896a, 308.—Schneid., 1866a, 28, 83, 86-87, 99, 191, 196, 197, 204, 207, 210, 211, 212, 232, 246, 249, 251, 253, 255, 257, 259, 260, 268, 269, 270, 271, 283, 284, 285, 286, 290, 300, pl. 5 figs. 13, 14, pl. 16 figs. 5, 6, pl. 24 figs. 6, 7.—Shipley, 1896, 163.—Sick, 1813, v. 2, 174.—Sieb., 1837, 255; 1850, 653, 664.—Signol, 1884, 226.—Sl. & Sw., 1912a, 392.—Stiles, 1892f, 143, 146; 1907b, 41.—Theobald, 1900, 59, 60-62.—Turnbull, 1879, 657-664, fig. 1.—Vandeveld, 1895a, 1-5; 1895b, 604; 1896a, 53; 1896b, 424.—Vennerholm, 1915, v. 20 (7), 391-392.—Verrill, 1870, 177-178.—Veterinarius, 1896, v. 19, 34-37.—Vethy, 1901a, 33-35.—Ward, 1895a, 334 (so. labiato-papillosa); 1916, 689.—Wedl, 1850, 22, 23; 1855, v. 17, 307, pl. 1 figs. 7-8; 1856, v. 19, pl. 3 figs. 37-38.—Zed., 1803a, 37.—Züern, 1882, 242, 243, pl. 4 figs. 20-23, 49.—Also reported for *Canis fam.*
- papillosa* Rud., as so. equina.—A., D., & E., 1901b, 14.—E. Bl., 1847a, 154.—R. Bl., 1890a, 3, 7.—Braun, 1903a, 275, 276.—Rail., 1893a, 524.
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- papillosa hæmatica* Schneidem., 1896a, 307 (for p. hæmatica).—Stiles, 1907b, 46.
- papillosa oculi* Owles, 1859a, 385; 1860a, 56 (in *Equus* cab.; Bengal).
- papilloso-annulata* Mol., 1858c, 399-400 (s. *attenuata falconis-picti*) (in *Falco swainsonii*; Caiçara), 448.—Dies., 1861a, 702.—Linst., 1878a, 118.—Rail. & Henry, 1916, BSPE, 367 (in *Gampsonyx swainsonii*).—Rans., 1904a, 37, 46.—Stoss., 1897b, 75, 141 (63-129) (in F. s.; Brazil).
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- paradisæ* Linst., 1888a (b), 11, pl. 2 figs. 6-7 (in *Paradisæa apoda*; Aru Isl.); 1889a, 37 (in P. a.).—Stoss., 1897b, 49 (37) (in P. a.; A. Is.).
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- parvomucronata* Rizzo, 1902b, 37-38, figs. 11-12 (in *Coluber viridiformis*; Catania).
- pellucida* (Brown, 1823) Dolley, 1894a, 994 (as young of F. equina); 1901, 994.—Stiles, 1907b, 42 (so. ? e.), 45 (so. ? conjunctivæ).—Theobald, 1900, 59-60.—Ward, 1895a, 339.
- peloris-blapoidis* Dies., 1851a, 91 (to Gord.) (in *Pelor blapoides*) (quotes Sieb., 1842e, 151).
- perdicis-dentatæ* Mol., 1858c, 427 (s. *tetraonis*) (in *Perdix dentata*; Brazil).—Rans., 1904a, 36.—Stoss., 1897b, 75 (63) (in P. d.; B.).
- perforans* Mol., 1858a, 161-169 (in G. b.; Brazil); 1858c, 387 (s. *martis*, *mustelæ*, *quadriscipina* Dies., *mustelæ-barbaræ*, ? *medinensis* Rosa) (in *Gulo barbatus*, *Mustela foina*, *M. martes*, *M. putorius*); 1858d, 155 (in M. f.; Padua); 1861c, 227, 316-318, 329, pl. 14 figs. 7, 8 (in M. f., M. p.; P.).—R. Bl., 1890a, 3.—Cond.-Franc., 1892, 178.—Dies., 1861a, 700; 1861c, 280.—Fedtsch., 1874a, 62.—Hall, 1916a, 180 (so. *martis*).—Grassi, 1887g, 622.—Par., 1887c, 495 (in M. f.); 1894a, 240; 1896k, 6 (in M. f.).—Setti, 1897, 48 (so. q.).—Seur., 1916, 302, 356.—Stiles, 1907b, 31, 32, 33-34 (in G. b., [*Galictis* *barbara*], [*Galora* *barbara*], *Histrix cristata*, *Mellivora capensis* [M. ratel], [*Mustela* b.,] M. f., M. m., *Putorius putorius*; Italy, Austria, Africa, Brazil).—Stoss., 1897b, 32 (20) (so. q.); 1898, 95 (so. q.).—Also reported for *Fœtorius putorius*, *Mustela frenata*, *Meles taxus*, *Putorius communis*.
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- peritonei hominus* A., D., & E., 1901b, 12 (so. *inermis*) [for p. *hominis*].
- perstans* Mans., 1892b, 85 (for *perstans*).—Stiles, 1907b, 45.

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- perstans* Mans., 1891g, 203 (in Homo; Africa); 1892b, 81, 82, 87, 89, 96; 1897d, 1837, 1838, fig. 4 (in H.; Guiana); 1903e, 545, 546, 552, 600, 601, 603, figs. 64e, 66a, b; 1907, 165, 595, 643-646, 647, 648.—A., D., & E., 1901b, 47, 53-57 (in H.; Degema, Nigeria).—Assenova, 1899, 95, 102.—Baldasseroni, 1909, 174 (in *Ornithodoros moubata*).—Bast., 1904, 382; 1904, v. 30, 433; 1904, 643-645; 1904, v. 1, 752-753; 1904, 861; 1904, v. 166, 236-287, 1 fig.—R. Bl., 1895b, 161-168; 1895, 778-781 (s. *sanguinis hominis minor*, s. h. p.); 1900f, 289; 1905, 527, 537 (s. *ozzardi*) (var. *tronquée*), 539 (s. s. h. m., s. h. p., *ozzardi*) (var. *tronquée*), fig. 289; 1906, 373.—Blatin & Joyeux, 1908, 31, fig. 3; 1908, v. 42 (14-16), 499-500.—Braun, 1895b, 224, 228; 1903a, 269; 1906a, 293-296, 297, 298; 1908a, 303; 1915a, 318.—Brit. M. J., 1901, Jan. 12, 98.—Brumpt, 1903, 370, 371, 372; 1910a, 457; 1913a, 522.—Cast. & Chalm., 1910a, 408, 414, 447, 474, 735; 1913a, 529, 533, 594.—Carougeau & Marotel, 1903, 448.—Christy, 1903, v. 2, 3-8, maps 1-3; 1904, v. 2 (1), 47.—Conor, 1911, 47.—Cook, 1901, v. 4, 236-239.—Daniels, 1897, 71; 1910a, 71, 102, 167; 1914a, 110, 115.—Daniels & Stanton, 1907a, 122, 123, 128, 130, 131.—Dutton, Todd, & Christy, 1904, Aug. 15.—Fagge & Pye-Smith, 1902a, 472 [footnote].—F., S., & T., 1916a, 508.—Feldm., 1904, v. 8 (7), 285-291; 1905, 540.—Firket, 1896a, 791; 1897a, 44.—Fülleborn, 1908, 668; 1913, 310-313, figs. 35-37, pl. 4 fig. 15, pl. 3 figs. 4-5.—Galgey, 1901, 343, 344, 345; 1902, 316, 317 (Calabar, Congo).—Gedwist, 1911a, 106 (in man).—Guiart, 1910a, 170, 468, 469.—Hodges, 1902b, 293-300, 2 pls.—Hudellet, 1914, 116 (French W. Africa).—Kholodk., 1899a, 180, 181.—Koch, 1910, v. 14, 96, 99-100.—Laveran & Mesnil, 1912, 675.—Leiper, 1908, 192; 1913, 270, 271.—LeWald, 1901, 212.—Lingard, 1905, 9, 13, 16, 17.—Linst., 1900c, 83; 1907, 266.—Looss, 1905c, 168-170 (in H.; Brit. Guiana and from tropical W. coast to Uganda); 1911, v. 4, 243, 244, 246, 247, 250; 1914, v. 2, 475.—Low, 1903a, 64-69; 1903d, 722-724, figs. 1-2; 1903e, 180-182, 198-199, figs. 1-2; 1903f, 90; 1903g, 1109; 1903h, 658; 1903i, 288; 1903k, 418; 1904d, 46; 1904e, 420-421, figs. 1-4 (and *Tylenchus*); 1904f, 470; 1904g, 769; 1904h, 736; 1904i, 324; 1904k, 752-753; 1904l, 736.—Ludw. & Saemisch, 1895a, 738.—Marotel, 1906b, 165.—Mense, 1906, v. 3, 617-667, 641, 645.—Meuleman, v. 43, 150.—Moniez, 1896a, 338, 345-351.—Neum. & Mayer, 1914a, 68, 373, 396, 397.—Nev.-Lem., 1902a, 95, 120 (figs.) 121; 1904a, 97, 122, 123, 125; 1906a, 301, 302, 307, 308, 309, figs. A. B., 3-4; 1908a, 484.—Noe, 1908, 291, 292, 293.—Nutt., 1908, 385.—Ozzard, 1902g, 82, 83.—Penel, 1905a, 4, 10, 30, 37, 78, 79, 81, 82, 85-100 (in chimpanzee), 105, 106, 107, 123, 124, 126, 127, 141, 146, 147, 148.—Plehn, 1914, 186.—Prout, 1902, Sept. 20, 888 (in H.; Freetown).—Rail, 1893a, 522.—R., H., & L., 1912, 395 (to *Acanthocheilonema*).—Rodenwaldt, 1908b, 545-546 (in chimpanzee); 1909, v. 7, 311.—Roger, 1901, 96, 97.—Salmon & Stiles, 1902, 15.—Sergeant & Foley, 1908d, 472-473; 1909a, 311; 1910 (1902-1909), 266-267.—Shaw, 1901, 592, 1028.—Simon, 1907a, 191; 1911a, 130, 133.—Sl. & Sw., 1912a, 359, 404.—Sons., 1896, 323.—Stiles, 1907b, 45 (s. s. h. m., s. h. p., s. p.); 1907, 614, 622; 1914, MM, v. 2, 305, 306, 313.—Stitt, 1910a, 232, 237; 1914a, 264, 265; 1916a, 318.—Stoss., 1897b, 16 (4) (in H.).—Thiroux, 1910, v. 3 (6), 409-412.—Tyson, 1903a, 1195.—Verdun, 1907, 414-415, fig. 150.—Ward, 1903, 215, 216 (in H.; B. G.); 1903, 704.—Wellman, 1907, v. 142-143; 1908a, 61.—Ziemann, 1902h, 362; 1903y, 1093-1095; 1905d, 707 (in chimpanzee).
- , Anatomical Characteristics: A., D., & E., 1901b, 43, 47, 48.—Bast., 1904, v. 35, 407; 1904, v. 79, 616; 1904, v. 166, 643-645; 1904, v. 15, 770; 1904, 752-753; 1904, v. 84, 795; 1904, v. 42, 861.—Brit. M. J., 1899, Feb., 429.—Daniels, 1898a, 1011-1012, fig. 1 (in H.; Brit. Guiana); 1898b, 658; 1898c, 1, 2-3, 4 (in H.; B. G., all parts of colony except coast); 1898e, 879, 880; 1902, Dec. 1, 357, 358, 359 2 figs; 1903, 114, 120.—Looss, 1905c, 168 (Africa), 169.—Low, 1899, June 17, 1459.—Mans., 1903e, 602, 603.—Prout, 1901a, 210.
- , Geographical Distribution: A., D., & E., 1901b, 53-54 (Africa), 55.—Cook, 1902b, 661 (Baganda).—Daniels, 1898e, 878-880 (British Guiana); 1901c, 194 (in H.; Brit. Central Africa, S. Africa).—Feldmann, 1904, v. 7, 285-291 (Bukota District); 1904, v. 7, 330; 1905, v. 9, 62-65, 2 pls.; 1905, Apr. 15, 125-126; 1905, Apr. 15, 287-288; 1905, Mar. 7, 474; 1905, v. 9, 540; 1905, May 16, 965; Oct. 1, 990; 1907, v. 39, 394.—Mans., 1903e, 601-602.—Sergeant & Foley, 1908, v. 1, 472-473 (N. Africa); 1909, v. 7, 311 (N. Africa).
- , Mode of Infection: Bast., 1904, v. 30, 252; 1904, v. 65, 268; 1904, v. 166, 286-287, fig. 1; 1904, v. 79, 376; 1904, v. 65, 382; 1904, v. 35, 407-408; 1904, v. 79, 616; 1904, v. 166, 643-645, 752-753; 1904, v. 15, 769, 770; 1904, v. 42, 861; 1904, v. 168, 833.—Penel, 1905a, 96.

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- perstans*. Relation to Sleeping Sickness: Braun, 1906a, 296.—Christy, 1903, no. 2, 3-8, maps 1-3; 1903, v. 165, 542; 1904, v. 2, 47.—Cook, 1902a, 245-248.—Daniels, 1902b, 45, 46.—Dutton & Todd, 1903, Nov., 21 (Gambia).—Hodges, 1902b, 293-300, map 1, pl. 1 figs. 1-2; 1904a, 290-292; 1904b, 375.—Looss, 1905c, 168.—Low, 1903a, 64-69; 1904d, 46.—Mans., 1891g, 203, 204; 1898m, 121-128, pls. 1-2; 1899a, 137; 1901c, 561.—Theiler, 1904, v. 10, 69.
- phalangii* Rud., 1809a, 78 (in *Phalangium cornutum*; by Latr.); 1819a, 6 (so. *truncatula*) (in P. c., P. opilio; by Latr.).—Lam., 1816, 219.—Nordm., 1840a, 669 (In P. c.).
- phasiani* Froel., 1791a, 110-111 (in *Phasianus colchicus*; lng.).—Hass., 1896a, 5, 6 (so. *Trichosoma longicolle*).—Rud., 1809a, 85.
- phasiani-picti* (Mol., 1860) Stoss., 1897b, 51 (39) (in *Phasianus pictus*; Wien).
- philippinensis* Ashburn & Craig, 1906, v. 132, Sept., 435-443, figs. 1-5 (in *Homo*; a Visayan prisoner in Bilibid, Manila); 1906, v. 2, 116; 1906, v. 84, 514; 1907, v. 2, 1-14, pls. 1-7 figs. 1-26; 1907, v. 18, 184; 1907, v. 2, 505; 1907, 691-693 (in *Culex fatigans*); 1907, v. 85, 1134; 1907, v. 85, 1117-1119; 1908, v. 19, 603-604; 1909, v. 12 (11), 167-170, fig. 1.—Braun, 1915a, 308.—Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 425, 448, 817; 1913a, 1125.—Craig, 1909, v. 12 (16), 239-241, 256, to (Microfil.); 1910, 5, to (Microfil.) (in C. f.).—Daniels, 1910a, 108, 110; 1914a, 118, 121.—Low, 1909, v. 12, 256.—Stiles, 1907b, 46 (in H.; M.); 1914, MM, v. 2, 305, 315.—Stitt, 1910a, 238; 1916a, 318, 319.
- philomelæ* (Dies., 1851) Stoss., 1897b, 57 (45) (in *Sylvia philomela*).—Rans., 1904a, 32.
- phœnicopteri* A., D., & E., 1901b, 40, pl. 11 figs. 3-5 (in African flamingo; Nigeria).
- phryganæ* Gmel., 1790a, 3041 (in *Phryganearum larvis*; Deg., 1771, 553-555, pl. 14 figs. 12-14).—Rud., 1809a, 81 (in P. 1.; by Deg.); 1819a, 12.
- phryganæ-griseæ* Dies., 1851a, 98 (to Gord.) (quotes Sieb., 1843a, 82) (in *Phryganea grisea*; by Rossi).
- phyllostomæ* Cartaya, 1910, v. 3 (5-6), 503-509, pl. 1 figs. 1-2; to [Microfil.] (in blood of *Artibeus perspicillatus* (also *perspicillatus*); Habana).
- phyllostomatos* M. C. V. in Mol., 1858c, 385 (so. *serpicula*) (in *Phyllostoma brevicaudum*, P. *spiculatum* (in *Ypanema*), P. *sp. incerta* (in *Rio Muria*)).
- physalura* Brems., in Dies., 1851a, 276-277 (s. *alcedinis*, *physalura*; C. E. V.) (in *Alcedo amazona*, A. *sp.*, A. *superciliosa*, A. *torquata*; Brazil).—Bodkin & Cleave, 1916, 182 (in *Ceryle torquata*; Brit. Guiana).—Leidy, 1885b, 10.—Mol., 1858c, 412-413 (in A. a., A. *sp.*, A. *t.*).—Par., 1900c, 196 (in *Ceryle torquata*; Tucuman).—Shipley, 1905, 252 (in C. t.; Argentine).—Stiles, 1907a, 37 (? type of *Monopetalonema*).—Stoss., 1897b, 76 (64) (s. al., a. *superciliosæ*, *Monopetalonema physalurum*) (in A. a., A. s., A. t., C. *alcyon*; B.).—Also reported for *Megaceryle torquata*.
- pice-medix* Cobbold, 1880k, 131 (in *Gracupica nigricollis*, *Pica media*; China); teste Mans., 1880c, 132-135).—A., D., & E., 1901b, 21.—Linst., 1889a, 39 (in P. m.); 1907, 266.—Seur., 1916, 346.—Stoss., 1897b, 76 (64) (in P. m.).
- pipræ-caudatæ* M. C. V. in Mol., 1858c, 424 (so. p.-c. (abdominalis)) (in *Pipra caudata*; Brazil).
- pipræ-caudatæ (abdominalis)* Mol., 1858c, 424 (s. p.-c.) (in *Pipra caudata*; Brazil).—Stoss., 1897b, 76 (64).
- pipræ-inornatæ* M. C. V. in Mol., 1858c, 400 (so. *tricornata*) (in *Pipra inornata*; Borba).
- piscicola* Linst., 1906, Jan., 171 (in marine fish (? *Lethrinus sp.*); Ceylon).
- piscium* Rud., 1809a, 62, 74-75 (s. *marina*, *Asc. m.*, *Fus. m.*, *Gord. m.*) (in marine fishes; Europe); 1810a, 373; 1819a, 10-11, 218.—R. Bl., 1887e, 116; 1889d, 706.—Ben., 1878a, 279 (s. *Spiropt. hominis*).—Bonis, 1882a, 123.—Cast. & Chalm., 1910a, 408.—Cobbold, 1858b, 157 (in *Motella quinquecirrata*), 160 (in *Hippoglossus vulg.*), 161 (in *Syngnathus acus*); 1866b, 7 (in *Clupea harengus*, *Sepia*); 1872b, 92; 1872c, 752, 753; 1879b, 183, 472.—Crep., 1846b, 157, 166 (so. *Asc. capsularia*), 167 (of *Miesch.*), 176.—Cunningham, 1873a, 836.—Dav., 1877a, lxxxvii, 295.—Duj., 1845a, 60-61 (in *Gadus merlangus*, *G. morrhua*, *G. merluccius*, *G. pollachius*, *Labrax lupus*, *Muræna conger*, *Pleuronectes maximus*, *Scomber scombrus*, *Trachinus draco*, *Trigla gurnardus*, *Zeus faber*), 68.—Edelm., 1916, 373.—Guiart, 1910a, 596.—Jægers., 1894a, 450.—Krøyer.,

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- 1838-40a, 168 (in *Sebastes norvegicus*); 1846-53a, 615 (in *Anguilla conger*).—Leuck., 1867b, 58, 98, 123, 151; 1868a, 387, 395, 417 (young of *Asc. spiculigera*); 1876a, 611, 615; 1879a, 200; 1886d, 157.—Meissner, 1863a, 55.—Olfers, 1816a, 31.—Olss., 1867a, 48.—Schneid., 1862a, 275-276 (s. S. h.); 1866, 219, 311.—Seur., 1916, 356.—Sieb., 1838, 308; 1839, 157; 1850, 675; 1854, 33.—Stiles, 1907a, 48 (pars so. S. h.).—Stiles & Hass., 1894e, 347 (in *Clupea* sp.).—Thoms., 1855, 185.—Wagener, 1857, 3-5.—Zsch., 1884, 68.—Also reported for *Cyprinus rutilus*, *Gadus molva*, *G. mustela*, *G. barbatus*, *G. callarias*, *G. brosmæ*).
- pitillaris* Mol., 1858c, 381 (in *Sciurus igniventris*; Brazil).—Dies., 1861a, 701.—Hall, 1916a, 180, 183, 185 (in S. i.; B.).—Stoss., 1897b, 76 (64) (in S. i.; B.).
- platyptericeis-falculæ* Dies., 1851a, 105 (to Gord.) (quotes Sieb., 1842e, 158) (in *Platypteryx falcula*; by Deg.).
- plicata* Rud., 1809a, 67 (*attenuata* Zed. renamed) (in *erucis*); 1819a, 7 (*erucis*, *Bombycis salicis*), 214-215.—Dies., 1851a, 103 (so. Gord. *liparidis-salicis*).—Duj., 1845a, 66.—Olfers, 1816a, 55.
- ploti* M. C. V. in Mol., 1858c, 391 (so. *helicina*) (in *Plotus anHINGA*; Brazil).
- ploti-surinamensis* M. C. V. in Mol., 1858c, 428 (so. *podoæ* (*subcutanea*)) (in *Podoa surinamensis*; Matogrosso).
- plupahura* Leidy in Stiles & Hass., 1894e, 347 (in ? *Ceryle alcyon*; by Warren).
- podinemæ-scriptæ* Mol., 1858c, 430 (in *Podinema scripta*; Brazil).—Stoss., 1897b, 77 (65) (in P. s.; B.).
- podoæ* (*subcutanea*) Mol., 1858c, 428 (in *Podoa surinamensis*; Brazil).—Stoss., 1897b, 77 (65) (in P. s.; B.).
- pœcili-cuprei* Dies., 1851a, 90 (to Gord.).—[Sieb., 1842e, 161.]
- poeli* Vrijburg, 1897, v. 11 (1), 43 (dans l'aorte des buffles indiens (*Karbamoen*)) [n. v.].—Rail. & Henry, 1912, BSpE, 115-117 (s. *poelii*, *blini*, *hæmophila*) (type of *Elæophora*, *Onchocercinae*) (in Buffle).
- poelii* Linst., 1906, v. 24 (1), 7, (for *poeli*); 1907, 266 (in *Bos bubalus*).
- poelsi* Hut. & Mar., 1905a, 860 (for *poeli*) (s. *blini* Carougeau, Marotel) (in Büffel; Sumatra); 1913a, 1113.
- polichotoma* Scortegagna, 1848a, 247, 248, pl. 5 figs. 2-3 (in *Homo*; Mus. Milan).
- powelli* Penel, 1905a, 10 (for *powelli*).—Stiles, 1907b, 46.
- powelli* Brumpt, 1913a, 525 (for *powelli*).
- powelli* Penel, 1905a, 126, 141, 146, 147 (in *Homo*; Bombay, India; based on Powell, 1903b, 1145).—R. Bl., 1905, 538.—Braun, 1908a, 306; 1915a, 322.—Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 425, 448.—Guiart, 1910a, 454.—Koch, 1910, v. 14, 100.—Nev.-Lem., 1906a, 306; 1908a, 486.—Sl. & Sw., 1912a, 363.—Stiles, 1907b, 46 (in H.; India); 1914, MM, v. 2, 305, 315.—Stitt, 1910a, 238; 1916a, 319.—Verdun, 1907, 416.
- primana* Leidy, 1891a, 410 (in *Simia satyrus*; Phila. Zool. Park).
- pristonychi-terricolæ* Dies., 1851a, 89 (to Gord.) (in *Pristonychus terricola*; Gr. Brit., Germany).—[Hope, 1840a, lxxxiv.].—[Sieb., 1842e, 161; 1843a, 81.]
- pseudophysalura* Stoss., 1902e, 12, pl. 5 fig. 29 (in *Buceros nasatus*; Eritrea).
- psittaci* M. C. V. in Mol., 1858c, 372 (so. *simplicissima*) (in *Psittacus makaonanna*; Egenho do Cap Gama).
- psittaci-menstrui* M. C. V. in Mol., 1858c, 377 (so. *hemicycla*) (in *Psittacus menstruus*; Matogrosso).
- pterostichi-madidi* Dies., 1851a, 90 (so. Gord. *feroniæ-madidæ*) (in *Feronia madida*; Eng.; quotes Brightwell, 1835, 396, 398 in *Molops madidus*).—[Sieb., 1843a, 81.]
- pterostichi-nigritæ* Dies., 1851a, 91 (so. Gord. *feroniæ-nigritæ*) (in *Feronia nigrita*; by Sieb., 1848c, 296).
- ptyelæ-spumariæ* Dies., 1851a, 100 (so. Gord. *aphrophoræ-spumariæ*) (in *Aphrophora* (*Ptyela*) *spumaria*; by Roesel; quotes Sieb., 1842e, 155).
- pulicis* Linst., 1894b, 340-341, pl. 23 figs. 20-21 (in *Gammarus pulex*; by Linst.).—Seur., 1916, 356 (in G. p.).—Stoss., 1897b, 13 (1) (in G. p.; Gœtt.).
- pulmonalis* Frœl., 1802a, 18-20 (in *Lepus* sp., by Frœl.).—Hall, 1916a, 163 (to *Synthetocaulus*); 1916b, 519.—Rud., 1814a, 113.

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- pungens* Schneid., 1866a, 92-93 (in *Turdus cyaneus*; Argo), 110, pl. 6 fig. 2.—Fedtsch., 1874a, 61 (in T. c.; Africa).—Linst., 1891c, 300.—O'Zoux & Henry, 1909, 547.—Smith, 1908, 269 (in *Cyanocorax cyanopogon*, *Tondia madagascariensis*).—Stoss., 1897b, 27 (15) (in T. c.; Argo).
- pupillosa* Nordm., 1833b, 268 (for *papillosa*).
- quadridentis* Mol., 1858c, 407-408 (s. *strigis*, *attenuata*) (in *Strix brachyotus*; M. C. V.; by Mehl.).—Dies., 1861a, 703.—Rail. & Henry, 1916, BSPE, 368 (s. at.) (in *Asio accipitrinus*).—Stoss., 1897b, 55 (43) (so. at.); 1898, 96.—Also reported for *Aegolius brachyotus*.
- quadrilabiata* Mol., 1858c, 417 (in *Tinamus rufescens* at Caiçara, T. *maculosus* in Brazil).—Stiles, 1907a, 10 (to *Tetracheilonema*); 1907b, 37.—Stoss., 1897b, 77 (65) (in T. r., T. m.; B.).
- quadriloba* (Rud., 1819) Schneid., 1866a, 93, pl. 6 fig. 7 (in *Picus viridis*).—Stoss., 1891, 87 (to *Disph.*).
- quadrispina* Dies., 1851a, 271-272 (s. *martis*, *mustelarum*, ?*medinensis* Rosa) (in *Mustela foina*, M. *martes*, M. *putorius*; Europe).—Baldasseroni, 1909, v. 40, 171-174 (in M. f., *Ixodes ricinus*); 1910, 317.—Braun, 1915a, 308.—Fedtsch., 1874a, 54, 61-68, 1 fig., figs. 1-14 (in M. m., *Hystrix cristata*).—Hall, 1916a, 180, 181 (so. *martis*).—Leuck., 1876a, 675-676.—Mol., 1858a, 165, 166, 167, 168 (so. *perforans*); 1858c, 387 (so. p.).—Neum., 1899b, vii-viii.—Par., 1894a, 243; 1896k, (so. p.).—Porta, 1911, 376 (in M. m.).—Schneid., 1866a, 85-86, 250, pl. 5 fig. 9 (in H. c., M. m.).—Setti, 1897, 48-49 (in *Mellivora capensis*).—Stiles, 1907b, 31 (so. m.), 32, 33 (in H. c., M. f., M. m., M. p.).—Stoss., 1890, 11; 1890, v. 12, 56; 1893, v. 14, 85; 1893, 3 (in M. f.); 1896, v. 17, 122, pl. 3 fig. 17; 1897b, 32-33 (20-21) (in *Galictis barbara*, *Gulo barbatus*, H. c., M. f., M. m., M. p.), 77 (so. *veneta*); 1898, 95 (in M. f.) (s. p., m.); 1902, 11 (in *Mellivora capensis*, *Mustela f.*, M. m.).
- quadrispina* Mol., 1858 (1859e), 301 (in *Ibis falcinellus*; Padua); 1861c, 318-320, pl. 14 figs. 9-12 (in I. f.; P.).—Dies., 1861c, 280.—Stoss., 1897b, 77 (65) (so. *veneta*).
- quadrutuberculata* Leidy, 1856b, 56 (in *Anguilla vulg.*; by Schafhirt, Ing.); 1858a, 112; 1904a, 103, 113.—Hofer, 1904a, 230 (in A. v.).—Mol., 1858c, 410 (in A. v.; America).—Schulze, 1899a, 104 (in Aale).—Stoss., 1897b, 78 (66) (in A. v.; A.).
- quadriverrucosa* Mol., 1858c, 398-399 (s. *dendrocalaptis*) (in *Dendrocalaptis picus*, D. *rufirostris*, D. sp.; Brazil).—Dies., 1861a, 702.—Fedtsch., 1874a, 61 (in *Dendrocalaptis*; America).—O'Zoux & Henry, 1909, 547.—Rans., 1904a, 35.—Stoss., 1897b, 78 (66) (in D. p., D. r.; B.).
- quiscali* Linst., 1904n, 300 (in *Quiscalus versicolor*; Coll. Shipley).—Shipley, 1905, 252-253 (in Q. v.).
- radula* Schneid., 1866a, 80, 82, 98-99, 213, pl. 6 figs. 9a, b (in *Paradoxurus philippinensis*; Philippines).—Büetsch., 1874b, 259.—Stoss., 1897b, 48 (36) (in P. p.).—Also reported for *Herpestes griseus*.
- ranæ* M. C. V. in Mol., 1858c, 390 (so. *convoluta*) (in *Cystignathus gigas*, *Leptodactylus sibilatrix*; Ypanema), 431 (in *Hypsiboas faber*; Yp., Brazil).—Deupser, 1894a, 38 (refers to Vogt, 1842, 189).—Leuck., 1876a, 614 (author of sp. not given).—Rail., 1916, BSPE, 138 (in H. f.; B.).—Stoss., 1897b, 78 (66) (in H. f.; B.).
- ranæ-æsculentæ* Mathis & Léger, 1911, 406, 437 (for *r.-esculentæ*, 1841) (in *Rana tigrina*; Tonkin) [a *microfilaria*].
- ranæ-æsculentæ* Rud., 1819a, 10 (in *Rana escul.*; C. E. V.).—Dies., 1851a, 276 (so. *neglecta*).—Mol., 1858c, 409 (so. n.).—Stoss., 1897b, 74 (62) (so. n.).
- ranæ-æsculentæ* Valentin, 1841c, 53 [nv.]; [1842, 342 (name not used)].—R. Bl., 1895b, 181 (rubella).—Dies., 1851a, 284 (*Pelophylax escul.*).—Mol., 1858c, 431 (in P. e.).—Also reported for *Rana escul.*
- ranæ-pipientis* Mol., 1858c, 378 (so. *nitida*).—[Leidy, 1852b, 242 (F. sp. in *Rana pipiens*); 1904a, 246.]
- raptorum* Polonio, 1860b, 23 (cf. *Trichina microscopica*).
- recondita* Grassi in Grassi & Caland., 1889a, 5-7; 1890a, 18-26, figs. 1-16 (in *Canis fam.*, *Pulex serrateps*; by G. & C.) (s. *Hæmatozoon Lewis*); 1890b, 180-181.—A., D., & E., 1901b, 17.—Baldasseroni, 1909, 173 (in *Rhipicephalus sicularis*).—R. Bl., 1895b, 140-144, 193-194.—Braun, 1895b, 225; 1903a, 264

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- sanguinis hominis perstans* Mans., 1891f, 734; 1891e, 342; 1891g, 202 (in Homo; W. coast of Africa); 1892h, 79, 80, 81, fig. 3; 1893a, 1–21, figs. 1–3.—Abbott, 1899, 229.—R. Bl., 1895, 778 (so. perstans); 1905, 539 (so. p.).—Braun, 1908a, 303.—Brumpt, 1913a, 522.—Cast. & Chalm., 1910a, 414; 1913a, 529, 533.—Daniels, 1897b, 28–41 (in H.; Brit. Guiana).—Linst., 1900c, 76.—Penel, 1905a, 85 (so. p.).—Shipley, 1896, 149.—Sl. & Sw., 1912a, 359.—Stiles, 1907b, 45.—Tecce, 1908a, 933.
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- sarasinorum* Meyer, 1896b, 62, 72–78, figs. 10–15, 20–22 (in intest. of *Stenops gracilis*; Ceylon).
- saturniæ* Dies., 1851a, 136 (to *Anguillula*) (quotes Dugès, 1826a, 226) (in larva of *Saturnia pyri*).
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- scalprum* Linst., 1908, 26, pl. 4 figs. 12–13 (in *Raphicerus campestris*; Africa); [1907, v. 3 (3), 258, *nomen nudum*].
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- scarabæi* Bosc, 1802a, 49 (in *scarabæ des bouses*).—Rud., 1809a, 76 (so. *coleopterorum*) (quotes Müell., 1787a, 65).
- schneideri* Stoss., 1897b, 34–35 (22–23) (s. *obtusocaudata*) (in *Falco subbuteo*; Berl.).—Rans., 1904a, 35.
- sciuri* M. C. V. in Mol., 1858c, 381 (so. *pistillaris*) (in *Sciurus igniventris*; *Mara-bitanas*).—Hall, 1916a, 183 (so. p.).
- sciuri* Linst., 1903k, 116 (in *Sciurus caniceps*; Aring, Kelautan, Siam).—Hall, 1916a, 184 (so. *linstowi*).—Shipley, 1903, 154.
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- scutata* Leuck., 1873b, 556 (144) (in *Bos taurus*; Wien).—Neum., 1894d, 465 (3) (to *Gongylonema*).—Rans., 1911a, 100 (to G.).—Ward, 1895a, 334 (in *Bos taurus*), 339 (in *Equus cab.*).
- scutata esophagea bovis* Perronc., 1882a, 331 (see *scutata*).
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- seguini* (Mathis & Léger, 1909) Nev.-Lem., 1912a, 808 (in poule; Tonkin).
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- sergenti* Mathis & Léger, 1909, v. 67, July 17, 179–181 (in *Nycticebus tardigradus*; Hanoi); 1909, v. 7 (24), Dec. 30, 1059; 1911, 399–402, 431 (in N. t., ?*Macacus rhesus*; Tonkin).
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- serrata* Lint., 1901b, 410, 477, figs. 192–196 (in *Phycis tenuis*; off Nantucket).—Rail & Henry, 1915, 275 (so. *Spinitectus cristatus*) (in *Phycis tenuis*).—Ward & Magath, 1917 (for 1916), JP, 62 (so. S. c.).
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- silphæ* Gmel., 1790a, 3040 (in *Silpha obscura*; Gørze, 1782a, 128).—Dies., 1851a, 92 (so. Gord. *silphæ-obscuræ*).—Duj., 1845a, 64.—Rud., 1809a, 76 (in S. o.); 1819a, 11.—Sieb., 1842, 151.
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- simiæ-belzebul* M. C. V. in Mol., 1858c, 418 (so. *cebi-carayæ*) (in *Cebus caraya*; Villa Maria, Brazil).
- simiæ-capucinæ* Viborg, 1795a, 235 [nv.].—Mol., 1858c, 376 (so. *gracilis*).
- simiæ-leukeurin* M. C. V. in Mol., 1858c, 380 (so. *nodosa*).
- simiæ-macaco-barrigæ* M. C. V. in Mol., 1858c, 386 (so. *annulata*), 391 (so. *torta*) (in *Cebus lagotherix*; Brazil).
- simiæ-mydæ* Mol., 1858c, 376 (so. *gracilis*), quotes Quensel, 1800, 235.
- simplex* Schneid., 1866a, 82 (no clew).
- simplicissima* Mol., 1858c, 372 (s. *psittaci*) (in *Psittacus makaonanna*; Egenho do Cap Gama, Brazil).—Dies., 1861a, 701.—Stoss., 1897b, 80 (68) (in P. m.; B.).
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- smerinthi-tiliæ* Dies., 1851a, 102 (to Gord.) (in *Smerinthus tiliæ*; Hope, 1840a, lxxxvi, Sussex).—[Sieb., 1842e, 161.]
- smithi* Sambon, 1907m, 304, fig. 1 [not Cobbold, 1882] (in blood, *Lagopus scoticus*; High Ardwall Anworth).—Shipley, 1908d, 11 (larva in blood of grouse); 1911, 218 (in g.).
- smithii* Cobbold, 1882a, 224, 237-238, figs. 6-7, pl. 24 figs. 7-10 (in *Elephas indicus*).—Mittex, 1912, 113, figs. e-g (in E. i.).—Stazzi, 1900a (b), 452-466 (3-6) (in E. i.).
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- spari-auratæ* Rud., 1819a, 11 (in *Sparus aurata*; C. E. V.).
- species Baer, 1827b, 589 (in *Anodonta anatina*).
- species Bail., 1866b, 40-41 (in *Equus cab.*; by M. Goubaux, 1863, 884).
- species Bellingh., 1844, 475 (in abd.-cav. of bee, *Bombus terrestris*).
- species Bodkin & Cleave, 1916, 182 (in *Tachycineta albiventris*; Brit. Guiana).
- species Bouilliez, 1916, BSPE, 133-137, figs. 1-2 (in *Bufo regularis*; Chari).
- species Carter, 1858, v. 2, 100, pl. 4 fig. 50 (in *Nais albida*; Bombay).
- species Cathoire, 1906, CrSB, 1050-1052 (in blood, *Uromastix acanthinurus*).
- species Chaussat, 1850, CrSB, 22 (in blood of black rat).
- species Chiaje, 1825a, 3.
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- species Daniels, 1898a, 1011-1012, fig. 1; 1898b, 658; 1898, v. 2 (6), 376.
- species Daniels, 1912, L, 375 (in birds, *Crotophaga ani*; Brit. Guiana).
- species Dav., 1860.—Hall, 1916a, 188 (in *Epimys rattus*; France).
- species Delanoë, 1914, BSPE, v. 7, 121-125, figs. 1-26 (in *Agama colonorum*; Bouaké).
- species [Drechsler, 1876a, 355-358 (in *Bos taurus*)].—Ward, 1895a, 334 (in B. t.).
- species Dutton & Todd, 1903, Sept., 49 (in bullock; Gambia).
- species Eisig, 1869a, 99-102, pl. 11 figs. 1-2 (in pericardium of *Halmaturus ben-netti*; Heidelberg Zool. Inst.).—Linst., 1905t, 357-358.
- species Forbes, 1839, ANH, 148 (in *Cydidippe*; St. Andrews).—Sieb., 1841c, 291 (in C.).

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- species Ford, 1902, VR, June 14, 767 (in buffalo; Penang).
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 species Jägers.—Braun, 1915a, 322 (in *Homo*; Berl.).
 species¹ Johnst., 1912, v. 12, 108 (in *Accipiter cirrhocephalus*; S. Q.); 111 (in *Acanthogenys rufigularis*; N. S. W.); 111 (*Anellobia chrysoptera*; S. Q.); 110 (in *Artamus leucogaster*; S. Q.); 110 (*Artamus tenebrosus*; S. Q.); 112 (in *Chibia bracteata*; S. Q.); 112 (in *Corcorax melanorhamphus*; S. Q.); 112 (in *Corone australis*; S. Q.; N. S. W.); 112 (in *Corvus coronoides*; S. Q.); 109 (in *Coracina robusta*; S. Q.); 110 (in *Cracticus destructor*; S. Q.); 110 (in *Cracticus nigrigularis*; S. Q.); 111 (in *Entomyza cyanotis*; S. Q., Lond. Zoo); 109 (in *Eurystomus pacificus*; S. Q.); 109 (in *Falco lunulatus*; W. A.); 109 (in *Glossopsittacus pusillus*; S. Q.); 110 (in *Gymnorhina tibicen*; S. Q., N. S. W., S. Australia, Lond. Zoo); 110 (in *Gymnorhina leuconota*; Lond. Zoo); 109 (in *Halcyon vagans*; Lord Howe Is.); 106 (in *Lophophaps plumifera*; Lond. Zoo); 110 (in *Myzomela sanguinolenta*; S. Q.); 111 (*Myzantha garrula*; S. Q.); 109 (in *Myiagra rubecula*; S. Q.); 109 (in *Ninox boobook*; V.); 109 (in *Ninox ocellata*; N.W.A.); 112 (in *Oriolus sagittarius*; S. Q.); 110 (in *Oreocichla lunulata*; N. S.W.); 108 (in *Phalacrocorax sulcirostris*; S. Q.); 108 (in *Phalacrocorax melanoleucus*; N. S. W.); 111 (in *Philemon citreigularis*; S. Q.); 110 (in *Plectorhamphus lanceolatus*; S. Q.); 106 (in *Plotus novæhollandiæ*; S. Q.); 109 (in *Platycercus icterotis*; Lond. Zoo); 109 (in *Podargus strigoides*; S. Q.); 109 (in *Pomatostomus frivulus*; S. Q.); 109 (in *Psophodes crepitans*; S. Q.); 111 (in *Ptilotis fusca*; S. Q., Lond. Zoo); 112 (in *Sericulus chryscephalus*; S. Q.); 112 (in *Strepera fuliginosa*; Lond. Zoo); 112 (in *Struthidea cinerea*; S. Q.); 110 (in *Stigmatops ocularis*; S. Q.); 109 (in *Trichoglossus novæhollandiæ*; S. Q.).
 species Kholodk., 1896a, 59 (in *Homo*; Tver); (1897a), 185; 1898b, 355; 1907, 185, —Braun, 1903a, 278 (in H.; Tver); 1906a, 309; 1908a, 311; 1915a, 323.—Stiles, 1907b, 47 (in H., Tver).
 species¹ Krøyer, 1838-40a, 116 (in *Trigla hirundo*); 205 (in *Spinachia vulg.*); 277 (in *Caranx trachurus*); 290 (in *Lampris guttatus*); 354 (in *Gunellus vulg.*); 441 (in *Callionymus lyra*); 495 (in *Labrus berggylta*); 593 (in *Spinachia vulg.*); 597 (in *Caranx trachurus*).
 species Krøyer, 1843-45, 76 (in *Gadus minutus*); 122 (in *Merlangus carbonarius*; 246 (in *Raniceps fuscus*).
 species Krøyer, 1846-53a, 34 (in *Mallotus arcticus*).
 species Leidy, 1852b, 242 (in *Rana pipiens*; by Leidy).
 species Leidy, 1884.—Rail. & Henry, 1916, BSPE, 368 (in *Asio accipitrinus*; U. S. A.).
 species Leiper, 1908 (3), 191 (in *Megaderma frons*; Bor Jebel River).
 species Leuck., 1827a, 11 (in *Phalæna dispar*; by Leuck.).
 species Linst., 1883a, 289 (?host; [Turkestan?]).
 species Linst., 1889a, 68 (in *Rana temp.*; quotes Leuck., 1876a, 634).
 species Linst., 1889a, 10 (in *Mus decumanus*; see Dav., 1860a, 310, and Chaussat, 1850, 26).—Hall, 1916a, 188 (in *M. rattus*).
 species Linst., 1903k, 116 (in *Dipsadomorphus dendrophilus*; Siam).
 species Linst., 1905t, 357-358 (in pericardium of *Halmaturus bennetti*; Heidelberg Zool. Inst.).
 species Mans., 1891, Jan. 3, 4-8, figs. 1-15 (in blood of *Goura coronata*; Java).
 species Mégn., 1878.—Ward, 1895a, 339 (in *Equus cab.*).
 species Miller, 1903, 130 (in heart & blood of sea lion; N. Y.).
 species Morgan, 1868, 73 (in beaver).—Hall, 1916a, 188 (in *Castor fiber*; U. S. A.).
 species Nordm., 1832a, 16-17 (in *Tetrao bonasia*; Wikari Isl.).—Rans., 1904a, 33 (so. *banasia*).

¹ No clew given as to how many different species.

FILARIA—Continued.

- species Nordm., 1832a, 26 (in *Phalæna monacha*, P. dispar).
- species Nordm., 1832a, 17 (in *Silvia abietina*; Breslau).—Rans., 1904a, 37 (so. sylviae).
- species Oerley, 1882b, 313–314 (in *Diclidurus albus*; from Guatemala).
- species O'Neill, 1875a, 265–266, fig. 1 (in *Homo*; W. Africa); 1875, 229; 1898, 204.—Braun, 1883a, 182; 1895b, 229.—Cobbold, 1878h, 370.—Stiles, 1907b, 47.
- species Par., 1889c, 778 (in *Calotes emma*; Birmania).
- species ¹Plimmer, 1912, 138 (in *Andigena bailloni*; Brazil); 139 (in *Amphibolurus barbatus*; Australia); 138 (in *Aphelocoma ultramarina*; Mex.); 137 (in *Ateles geoffroyi*; C. America); 139 (in *Bufo marinus*; S. America); 138 (in *Calliste cyanoptera*; S. America); 138 (in *Calliste guttata*; S. America); 139 (in *Calliste cayana*; S. America); 139 (in *Calliste flaviventris*; S. America); 139 (in *Cardinalis phoeniceus*; S. America); 137 (in *Cebus albifrons*; Ecuador); 139 (in *Chrysomma sinense*; India); 138 (in *Cittocinclla macrura*; India); 138 (in *Cicinnurus regius*; New Guinea); 139 (in *Cœreba cyanea*; S. America); 139 (in *Columba gymnophthalma*; Venezuela); 139 (in *Copsychus saularis*; India); 139 (in *Cureus aterrimus*; Chili); 139 (in *Cyclura acanthura*; C. America); 139 (in *Cyanospiza leclancheri*; Mex.); 139 (in *Cyanocorax luxuosus*; Mex.); 137 (in *Didelphys nudicaudata*; S. America); 139 (in *Dryotrichospectabilis*; W. Africa); 138 (in *Entomyza cyanotis*; Australia); 138 (in *Erythrura prasina*; Sumatra); 138 (in *Estrela melpoda*; W. Africa); 138 (in *Estrela phœnicotis*; W. Africa); 138 (in *Euphonia violacea*; C. America); 139 (in *Euphonia lanirostris*; Brazil); 139 (in *Eupletes viteus*; Africa); 137 (in *Felis temmincki*; Sumatra); 139 (in *Francolinus levaillanti*; Cape Colony); 138 (in *Francolinus gariensis*; N. Africa); 138 (in *Garrulax leucolophus*; N. India); 139 (in *Galeoscoptes carolinensis*; N. Am.); 139 (in *Garrulax albogularis*; India); 138 (in *Garrulus lanceolatus*; N. India); 139 (in *Geopelia striata*; India); 138 (in *Geocichla citrina*; India); 138 (in *Gubernatrix cristatilla*; S. Am.); 138 (in *Gymnorhina tibicen*; Australia); 139 (in *Gymnorhina leucocota*; India); 139 (in *Hedymeles ludovicianus*; N. Am.); 139 (in *Hemixus fluvala*; India); 139 (in *Icterus gularis*; Mex.); 139 (in *Icterus baltimore*; N. Am.); 138 (in *Icterus jamaicæ*; Brazil); 138 (in *Lanius collurio*; Europe); 138 (in *Lagonosticta senegalæ*; W. Africa); 137 (in *Lemur coronatus*; Madagascar); 137 (in *Leontocebus oedipus*; Colombia); 137 (in *Leontocebus rosalia*; Brazil); 137 (in *Lemur mungos*; Madagascar); 138 (in *Lophophaps leucogaster*; N. Australia); 139 (in *Manucodia atra*; Aru Isl.); 139 (in *Melospiza pusilla*; N. Am.); 139 (in *Merula albocincta*; India); 138 (in *Megalema asiatica*; India); 138 (in *Missocichla rubripes*; N. Am.); 138 (in *Molothrus pecoris*; N. Am.); 138 (in *Myzantha garrula*; Australia); 138 (in *Myiophonus temminckii*; N. India); 137 (in *Myrmecophaga tridactyla*; S. Am.); 139 (in *Odontiphorus capuiera*; S. Am.); 139 (in *Oedemia nigra*; Brit. Isl.); 138 (in *Oelureus melanocephalus*; New Guinea); 137 (in *Onychogale frenata*; N. S. Wales); 139 (in *Oreospiza chlorura*; N. Am.); 138 (in *Parotia lawesi*; New Guinea); 138 (in *Paradisea raggiana*; New Guinea); 138 (in *Phonygama chalybeata*; New Guinea); 139 (in *Pituophis sayi*; N. Am.); 138 (in *Pionopsittacus leatus*; Brazil); 138 (in *Platyercus icterotis*; W. Australia); 138 (in *Pteroglossus torquatus*; C. America); 138 (in *Ramphastos dicolorus*; Guiana); 139 (in *Rana escul.*; Europe); 139 (in *Saltator senilis*; Brazil); 139 (in *Serinus canicollis*; S. Africa); 139 (in *Sialia sialis*; N. Am.); 139 (in *Spermophila castaneiventris*; Guiana); 138 (in *Spermophila minuta*; Venezuela); 138 (in *Strepera fuliginosa*; Australia); 137 (in *Suricata suricata*; S. Africa); 139 (in *Tanagra episcopus*; S. Am.); 137 (in *Tayassu tajacu*; S. Am.); 137 (in *Tragulus javanicus*; Java); 138 (in *Turacus macrorhynchus*; W. Africa); 138 (in *Turdus mustelina*; N. Am.); 138 (in *Turdus migratorius*; N. Am.); 139 (in *Urocissia occipitalis*; India); 138 (in *Urobrachya albonotata*; S. Africa).
- species Powell, 1903b, 1145; 1903e, 120 (a blood Fil.).
- species Prout, 1902a, 880 (in *Homo*; W. Africa); 1902, Oct. 15, 318.—Stiles, 1907b, 47.
- species Reichmann, 1910, MmW, 2291–2293, figs. 1–4 (in *Homo*; Jena).—Braun, 1915a, 322.
- species Rheindorf, 1908b, 332–336, fig. 1 (in *Homo*; Berl.).—Koch, 1910, 101.

¹ No clew given as to how many different species.

FILARIA—Continued.

- species Schneid., 1866a, 313, pl. 26 fig. 3 (in *Triton tæniatus*).—Seur., 1916, 357 (in T. t.).
- species Sergent & Sergent, 1904t; 1910, 48, 49 (in *Alauda cristata*, *Fringilla carduelis*, *F. linota*, *Passer dom.*, *Sylvia*, *S. atricapilla*, *Surnia noctua*).
- species Sergent & Sergent, 1905g, 56 (in blood of African birds; Algeria).
- species Sergent & Sergent, 1905w, 672–673 (in blood of dromedary); 1905x, 512; 1907, v. 2 (1), 150.
- species Silva Araujo (in heart of Tatou; Bahia).—R. Bl., 1887c, 71.—Linst., 1889a, 27 (in *Dasypos* sp.).
- species Sons., 1896m, 449 (in *Milvus ægyptius*; Egypt).
- species Tuck, 1908, v. 3, 19–66 (in buffalo; Malay).
- species Wolffh., 1900a, 33, 34 (in *Corvus frugilegus*; Freiburg i. B.).
- species also reported for *Dasypos* sp., *Diclidurus albus*, *Equus asinus*, *Lacerta agilis*, *Micropterus dolomieu*, *M. nigricans*.
- spelæa* Leidy, 1875b, 17 (in Australian wallaby; Zool. Gard., Phila.); 1904a, 137.—Cobbold, 1879b, 433.—Smith, 1908, 269.
- spermospiza* Linst., 1879a, 171, pl. 11 fig. 16 (in *Spermospiza guttata*; by Linst.).—O'Zoux & Henry, 1909, 547.—Stoss., 1897b, 28 (16) (in S. g.).
- sphecodis* Dufour, 1837a, 8, pl. 1A fig. 1 (in *Sphecodes gibbus*; Ing.).—Dies., 1851a, 99 (so. Gord. *sphecodis-gibbi*).
- sphærophora* Mol., 1858c, 401, pl. 2 fig. 8 (s. *anabatis*, *lophotis*) (in *Anabates* (*Anumbias*) *anthoides*, *Muscicapa lophotes*; Brazil).—Stoss., 1897b, 80 (68) (in A. a., M. l.; B.).
- sphecodis-gibbi* Dies., 1851a, 99 (to Gord.) (quotes Sieb., 1842e, 152) (in *Sphecodes gibbus*; by Duf.).
- sphingis-euphorbia* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1842e, 156) (in *Sphinx euphorbia*; by Geze).
- sphingis-ligustri* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1843a, 83) (in *Sphinx ligustri*; by Rossi).
- sphodri-leucophthalmi* Dies., 1851a, 90 (to Gord.) (in *Sphodrus leucophthalmus*; Gr. Brit., Hope, 1840a, lxxxiv).—Sieb., 1842, 161.
- spiculator* Neum., 1909, Rv, v. 66, 544–549, 4 figs. (in ostrich; Cape Colony).—Geddes, 1911, 106 (in o.).—Rail., 1915, 510; 1915, Ivc, 748 (in o.) —
- spinifera* Schneid., 1866a, 83, 95 (in *Scolopax gallinula*), 213, pl. 6 fig. 6 (*Spiropt. horrida* Rud. renamed).—Also reported for *Ascolopax gallinula*.
- spinulosa* Mol., 1860e 350 (s. *Spiropt. glareolæ-austriacæ*) (in *Glareola austriaca*; M. C. V.).—Dies., 1861a, 712.—Stoss., 1897b, 80 (68) (in G. a.).
- spiralis* Oerley, 1882b, 312, pl. 10 fig. 2 a, b (in *Heiloporus albopunctatus*; Brit. Mus., from Australia).—Linst., 1889a, 69 (in H. a.).—Rail., 1916, BSpE, 138 (so. *cochleata*).—Stoss., 1897b, 125 (113) (to *Oxyspirura*).
- spiralis avium* A., D., & E., 1901b, 26–30, pl. 2 figs. 1–5, pl. 3 figs. 1–3, pl. 13 fig. 2 (in *Cinnyris fuliginosa*, *Cyanomitra reichenbachii*, *Cypselus affinis*, *Hyphantornis aurantius*, *Muscicapidae* sp., *Pyenonotus barbatus*, *Sitagra brachyptera*, *Vidua principalis*; West Africa, apparently Nigeria).—Linst., 1907, CfB, v. 44, 266 (in *Hyphantornis*, *Muscicapa*; Africa).
- spiralis avium major* A., D., & E., 1901b, 31–33, pl. 5 figs. 1–5, pl. 6 fig. 1, pl. 13 fig. 4 (in *Hyphantornis aurantius*, H. sp., *Sitagra brachyptera*; apparently Nigeria, W. Africa).—Linst., 1907, v. 44 (3), 266 (in H., S.; A.).—Seur., 1916, 346 (in H. a., H. sp., S. b.).
- spirocauda* Leidy, 1858a, 112 (in heart of *Phoca vitulina*; by Wyman; Ing.); 1904a, 113–114.—Braun, 1891e, 112.—R. Bl., 1905a, 538.—Cobbold, 1879b, 314.—Dies., 1861a, 701.—Linst., 1903t, 353; 1907, 266.—Rail., 1899d, 128–130 (in P. v.).—Stoss., 1897b, 80–81 (68–69) (s. *cordis phocæ*) (in P. v.; Penn.).
- squamata* Linst., 1883a, 287–288, pl. 7 figs. 18–19 (in *Phalacrocorax carbo*; Turkestan); 1886c, 12, figs. 18–19 (in P. c.; T.).—Stoss., 1891b (c), 85 (5) (to Disph.).—Also reported for *Carbo cormoranus*.
- sternæ* Rud., 1819a, 10 (in *Sterna leucopareia*; C. E. V.).—Dies., 1851a, 277 (so. *bilabiata*).—Stoss., 1897b, 61 (49) (so. b.).—Seur., 1916, 357.
- steropodis-madidi* Dies., 1851a, 90 (so. Gord. *feroniæ-madidæ*) (in *Feronia madida*; Gr. Brit., Hope, 1840a, lxxxiv).—[Sieb., 1842, 160.]

FILARIA—Continued.

- stigmatura* Leidy, 1886e, 309-310 (in swim-bladder of *Salvelinus namaycush*; Lake Superior); 1904a, 190.—Stiles & Hass., 1894e, 347 (in *S. sp.*).—Stoss., 1897b, 81 (69).—Ward & Magath, 1917 (for 1916) J. P., 57 (to *Cystidicola*).
- stomachalis* Schlotthauer, 1860a, 124-125 (in esophagus of birds; by Schlotth.).
- stomoxeos* Linst., 1875a, 195-197, 206-207, pl. 3 figs. 20-22 (in *Stomoxys calcitrans*; Grœnau); 1876a, 6.—Noë, 1903a, 392 (so. labiato-papillosa).—Place, 1915, 122.—Rail., 1915, RMv, 480.—Seur., 1916, 357.—Stoss., 1897b, 14 (2) (in *S. c.*).
- striata* Mol., 1858c, 388-389 (s. *felis-concoloris*) (in *Felis concolor*, *F. macroura*; Brazil).—Stoss., 1897b, 81 (69) (in *F. c.*, *F. m.*).—Weidman, 1912, 39 (in? *F. rufus*).
- strigis* Gmel., 1790a, 30-40 (in *Strigibus*, in tela cellulosa capitis et aures cingente; quotes Pall., 83).—Baird, 1853a, 6 (so. *attenuata*).—Bosc, 1802a, 49; 1830a, 59 (so. at.).—Duj., 1845a, 14 (so. *Trichosoma obtusum*).—Frœl., 1802a, 21-28, pl. 1 figs. 10-12.—Mol., 1858c, 407 (so. *quadridens*).—Rud., 1809a, 71; 1810a, 354 (*strigum*) (in *Strigibus*).—Zed., 1803a, 38.
- strigis* Linst., 1877b, 176, pl. 14 fig. 28 (s. *Trichina affinis* pars) (in *Strix otus*; Ing.); 1879a, 173 (in *Astur nisus*, *A. palumbarius*, *S. aluco*); 1880a, 45; 1882a, 1 (in *Lanius excubitor*; Hameln); 1885b, 244 (in *Buteo lagopus*).—Mûeh., 1898b, 51.—Seur., 1916, 357.—Stoss., 1897b, 14 (2) (in *A. p.*, *Bubo maximus*, *Buteo lagopus*, *B. vulg.*, *L. e.*, *Nisus communis*, *Otus vulg.*, *Surnia noctua*, *S. ulula*, *Strix flammea*; Hameln); 1902, 11 (in *Athene noctua*).—Also reported for *Aegolius otus*.
- strigis-brachyoti* M. C. V. in Mol., 1858c, 399 (so. *bipapillosa*) (in *Strix*; M. C. V., Coll. Brazil).
- strigis-torquatzæ* Mol., 1858c, 422 (in *Strix torquata*; Brazil).—Rail. & Henry, 1916, BSPE, 368 (s. *attenuata* pars) (in *S. t.*; B.).—Stoss., 1897b, 55 (43) (so. at.); 1898, 96.
- strigum* Rud., 1810a, 354 (for *strigis* Gmel., 1790).
- strongylina* (Rud., 1819) Schneid., 1866a, 83, 101 (in *Sus scrofa fera*; by Brems.).—Linst., 1879b, 327, pl. 5 fig. 11; 1883a, 286.—Perronc., 1882a, 330; 1891, 210 (in *S. s.*).—Rail., 1893a, 536 (to *Spiropt.*).—Rail. & Henry, 1911, v. 4 (10), 696, 697 (of Linst. so. *Physoc. sexualatus*).—Schneidem., 1896a, 308.—Züern, 1882, 247.—Also reported for *Sus scrofa dom.*
- strongylus* Züern, 1882a, 242 (for *strongylina*?).—Marsden, 1898a, 425 (in goat, pig, and sheep).
- strumosa* (Frœl., 1791) Schneid., 1866a, 103 (in *Talpa europæa*).—R. Bl., 1887e, 167 (s. *Trichina spiralis* pars).—Deupser, 1894a, 13.—Hall, 1916a, 200 (of Stoss., 1897, so. *Spirura talpæ*); 1916, RMv, 520.—Kowal., 1896a, 6.—Linst., 1885b, 241-242, pl. 14 fig. 14-15; 1887d, 112, pl. 2 fig. 11.—Stoss., 1897b, 43-44 (31-32) (s. *Asc. talpæ*, *Fus. convoluta*) (in *Buteo vulg.*, *Cetonia aurata*, *T. e.*).
- sturni* Rud., 1809a, 73 (in *Sturnus*; quotes Pall.); 1819a, 9.—Dies., 1851a, 281 (in *S. vulg.*).—Mol., 1858c, 424 (in *S. v.*).—Stoss., 1897b, 81 (69) (in *S. v.*); 1899, 3.—Zannini, 1908, 179.
- subbifurcus* (Sieb., 1848) Hofer, 1904a, 230 (in *Cobitis barbatula*).
- subconjunctivalis* Brumpt, 1910, 449 (for *subconjunctivalis*).
- subconjunctivalis* Guyon, 1865a, 58-59 (in *Homo*; W. Coast of Africa); [1841b, 106; 1864a, 743].—Braun, 1903a, 271 (so. loa); 1908a, 300; 1915a, 315.—Brumpt, 1913a, 511.—Cast. & Chalm., 1910a, 421; 1913a, 536.—Ludw. & Sæmisch, 1895a, 737.—Nev.-Lem., 1908a, 481.—Silva Amado, 1873, 151, 152.—Sl. & Sw., 1912a, 353.—Stiles, 1907b, 37, 42 (so. l.); 1907, 620; 1914, MM, v. 2, 312.
- subcutanea* [(Rud., 1819)] Civinini, 1842a, 122 (in faine).—[Aless., 1838, 15, pl. 1 figs. 1-11.]—Par., 1894a, 240 (in *Mustela foinea*; Pisa, quotes Civinini).—Stiles, 1907b, 34.
- subcutanea* Linst., 1899b, 23, fig. 72 (in *Erethizon dorsatus*; Berl. Zool. Garden); 1906, 7.—Hall, 1916a, 180, 181-183, fig. 240 (in *E. d.*; Germany).
- subspiralis* Dies., 1851a, 268-269 (s. *ardeæ-cinereæ*) (in *Ardea cinerea*; M. C. V.); 1861a, 700.—Crisp, 1853a, 68.—Linst., 1909a, 74 (in *A. c.*).—Mol., 1858c, 391 (in *A. c.*, *A. leucogaster*).—Stoss., 1897b, 81-82 (69-70) (in *A. c.*, *A. l.*; Brazil).
- subulata* Deslgch., 1824p, 394 (in *Podiceps auritus*).—Dies., 1851a, 283 (in *P. a.*).—Duj., 1845a, 58.—Mol., 1858c, 429-430 (in *P. a.*).—Stoss., 1897b, 82 (70) (in *P. a.*).

FILARIA—Continued.

- succineæ* Dies., 1851a, 287 (in *Succinea amphibia*; by Sieb., 1837b, 255.—Assmuss, 1865, 52 (so. *Mermis albicans*).—Mol., 1858c, 434.—Stoss., 1897b, 82 (70) (in S. a.).
- suis-labiati* M. C. V. in Mol., 1858c, 388 (so. *acutiuscula*) (in *Dicotyles*; M. C. V., Coll. Brazil).
- suis-tajassu* M. C. V. in Mol., 1858c, 388 (so. *acutiuscula*) (in *Dicotyles*; M. C. V., Coll. Brazil).
- sylyphæ* Bosc, 1802a, 49 (in *Sylpha obscura*) (probably for *silphæ*).
- sylvix* Dies., 1851a, 281 (in *Sylvia abietina*) (refers to Nordm., 1832a, 17).—Linst., 1878a, 86 (in S. a.).—Rans., 1904a, 37, 49.—Stoss., 1897b, 82 (70), 143 (131) (in S. a.).
- sylvix* M. C. V. in Mol., 1858c, 423, 425 (so. *myotheræ-chrysopygæ*) (Brazil), 447.
- taniguchi* Cast. & Chalm., 1910a, 408, 420, 448; 1913a, 522, 530 (for *taniguchii*).—F., S., & T., 1916a, 404.—Fülleborn, 1913, 315.—Sl. & Sw., 1912a, 402, 404.
- taniguchii* Penel, 1905, 2ed., 143–146 (in *Homo*; Japan; Taniguchi, 1904, v. 35, 492–500).—Braun, 1915a, 322.—Brumpt, 1910a, 460; 1913a, 517.—Geddes, 1911a, 106 (in Japanese).—Guiart, 1910a, 454.—Nev.-Lem., 1906a, 306; 1908a, 486.—Seur., 1916, 346 (in H.).—Sl. & Sw., 1912a, 361.—Stiles, 1914, MM, v. 2, 305, 306, 313.
- tantali-cayennensis* M. C. V. in Mol., 1858c, 435 (in *Ibis cayennensis*; Brazil).—Stoss., 1897b, 82 (70) (in I. c.; B.).
- tapiri* M. C. V. in Mol., 1858b, 275 (so. *Spiropt. chrisoptera*) (in *Tapirus americanus*; Brazil); 1860b, 275.
- tendo* Nitzsch in Gieb., 1857a, 268 (in *Falco tendo*; Coll. Nitzsch.).—Rail. & Henry, 1916, BSPE, 366, 367 (s. *attenuata pars, foveolata*).—Stoss., 1897b, 82 (70) (in *F. peregrinus*).
- tenebra* Leiper, 1908 (3), 192 (possibly misprint for *terebra*).
- tentaculata* Mehl., in Crep., 1846b, 162, 172, 174 (in *Hirsche*).—Mol., 1858c, 405 (so. *terebra*).—Ward, 1895a, 334 (in *Bos taurus*) (?so. *labiato-papillosa*).
- tenthredinis* Gmel., 1790a, 3041 (in *tenthredinum larva*; Act. Stockh., 35, 181).—Dies., 1851a, 99 (to Gord.).—Rud., 1809a, 82 (in *Tenthredo*; by Bergmann, 1763, 170); 1819a, 12.—Sieb., 1842, 152.
- terebra* Dies., 1851a, 274 (in *Cervus elaphus*, *C. nambi*, *C. simplicicornis*, *C. rufus*; Brazil).—A., D., & E., 1901b, 15 (so. *labiato-papillosa*).—Cobbold, 1876y, 201–202; 1879b, 349.—Fiebiger, 1912a, 231.—Francis, 1894a, 451 (in cattle).—Kless, 1908, 120.—Linst., 1901b, 411; 1904n, 300.—Mol., 1858c, 401 (so. *bidentata*), 405 (in C. e.); 1861c, 320.—Müch., 1898b, 51.—Müll., 1907a, 122–126, figs. 1–2 (in *Hirsch*).—Rail., 1888b, 98 (so. I. p.); 1893a, 526.—Schneid., 1866a, 83, 86, 251, pl. 5 fig. 18.—Sl. & Sw., 1912a, 393.—Stiles, 1892f, 145.—Stoss., 1897b, 42 (30).—Ward, 1895a, 334 (in *Bos taurus*).—Also reported for *Capreolus caprea*, *Cervus* sp.
- terminalis* Passerini, 1884a, 42–63, pls. 1–5 (in *Lepus timidus*; Toscana); 1886a, 615–617; 1892a, 4–5.—Hall, 1916a, 163 (so. *Synthetocaulus pulmonalis*).—Hut. & Mar., 1910b, 69.—Par., 1894a, 241 (in L. t.), 600.—Stoss., 1897b, 82 (70) (in L. t.; T.).
- tetraonis* M. C. V. in Mol., 1858c, 413 (so. *obtusicaudata*), 427 (so. *perdicis-dentatæ*) (in *Perdix dentata*; Brazil).—Rans., 1904a, 36.
- tetraonis-bonasiaæ* Dies., 1851a, 282 (so. *bonasiaæ*) [based on Nordm., 1832a, 17 (see sp. in *Tetrao bonasia*)].—[Crep., 1846b, 175;]—[Gurlt, 1845a, 263;]—Mol., 1858c, 426 (so. *bon.*).—Rans., 1904a, 33.
- tetricis* Frøel., 1802a, 28–29 (in *Tetrao tetricus*; by Frøel.).—Hass., 1896a, 5, 6 (so. *Trichosoma longicolle*).—Mol., 1861c, 320 (so. *T. annulatum*).—Rud., 1914a, 87 (sub *Trichoc. tetricis*).
- thamnophili* M. C. V. in Mol., 1858c, 381 (so. *clavato-verrucosa*) (in *Thamnophilus canadensis*; Marabitanas, Coll. Brazil), 394 (so. *attenuato-verrucosa*) (in T. c.; Rio negro, Coll. Brazil).
- tinami* M. C. V. in Mol., 1858c, 412 (so. *labiotruncata*) (in *Tinamus*; Coll. Brazil), 417 (so. *quadrilabiata*) (in T.; Coll. B.).—Stiles, 1907a, 10 (so. *Tetracheilomena quadrilabiata*).
- tinami-variegati* M. C. V. in Mol., 1858c, 427 (so. *tinami-variegati (palpebralis)*) (in *Tinamus variegatus*; Barra do Rio negro, Coll. Brazil).—Linst., 1878a, 125.—Rans., 1904, 38, 45.—Stoss., 1897b, 83 (71) (in T. v.; B.).

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- tinami-variegati (palbealis)* Mol., 1858c, 427 (in *Tinamus variegatus*; Brazil), 441.—Rans., 1904a, 38.
- torta* Mol., 1858c, 390–391, pl. 2 figs. 1–4 (in *Cebus lagotherix*; Brazil).—Dies., 1851a, 700.—Stoss., 1897b, 83 (71) (in *Lagotherix cana*; B.).
- trachealis* Cobbold, 1864b, 333 (based on Rainey, 1855a, 370) (s. *Nematoideum* tracheale as possibly referable to *Asc. megaloccephala* or *A. suilla*) (in Homo; Eng.); 1866a, 7; 1867a, 6; 1879b, 207 (to *Nematoideum*); 1883w, 513.—Anders, 1903a, 1258 (in Homo).—R. Bl., 1888a, 740 (s. ? *Str. longevaginatus*), 743, fig. 364 (in H.); 1888r, 39 (so. ? *Str. l.*); 1895, 755 (so. *Str. apri*).—Braun, 1903a, 293; 1908a, 326; 1915a, 345.—Cast. & Chalm., 1910a, 430.—Dungl., 1893a, 821; 1900a, 821 (or bronchialis).—Looss, 1905c, 154 (? so. *Str. paradoxus*).—Moniez, 1896a, 389.—Packard, 1896a, 518.—Sl. & Sw., 1912a, 324.—Stiles, 1907b, 50 (to *Nematoideum*); 1907e, 610.—Verrill, 1870, 171.—Ward, 1903l, 219 (? so. *Str. apri*) (in H.); 1916, 697.
- tracheo-bronchialis* Dolley, 1894a (1901), 995 (so. lymphatica).—Hut. & Mar., 1910b, 70.
- tracheo-bronchialis canis* Fiebiger, 1912, 235 (for bronchialis canis = osleri) (in dog).—Hut. & Mar., 1913b, 75, 84 (in Hunde).—Neum. & Mayer, 1914a, 408.
- transversata* Linst., 1907, v. 3 (2), 258, pl. 7 figs. 20–21 (in *Cephalophus melanorheus*, *Troglodytes niger*; Kamerun); 1907, 267.
- trienucha* Wright, 1879a (b), 72–73 (21), pl. 1 fig. 16 (in *Botaurus minor*; Toronto).—Stoss., 1897b, 83 (71) (in B. m.; America).—Also reported for *Ardea minor*.
- trichosuri* Breinl., 1913, 39–41, pl. 9 figs. 1–4 [pl. 10 fig. 1] (in *Trichosurus vulpecula*; N. Queensland).—Nicoll, 1914, Sept. 12, 4 (in T. v.; Q.).
- tricornata* Mol., 1858c, 400 (in *Pipra inornata*; Brazil).—Stoss., 1897b, 83 (71) (in P. o.; B.).
- tricuspid* Wolffh., 1900a, 32 (misprint for tricuspid).
- tricuspidata* Duf., 1828d, 222–225, pl. 12C figs. 1–4 (s. ? *grylli*, ? *locustæ*) (in *Gryllus burdigalensis*; by Duf.); 1829a, 156–157; 1834a, 1025–1026; 1837a, 7.—Cam., 1886a, 161 (to Gord.), 162; 1897g, 400 (to Paragord.).—Duj., 1845a, 65.—Hofer, 1904a, 230 (in *Cobitis barbatula*).—Lab., 1897b, 675 (to G.).—Leblond, 1836f, 6.—Sieb., 1842e, 154.—Stiles, 1907b, 64 (to P.).—Villot, 1874a, 58 (so. *G. gratianopolensis*).
- tricuspid* Fedtsch., 1874a, 60–61 (in *Corvus cornix*; Asia); 1890a, 138.—R. Bl., 1895b, 175–179, 199–200, fig. 11; 1899e, 525.—Deupser, 1892a, 131; 1894b, 28, 37.—Linst., 1878a, 99 (in abd., C. c.); 1883a, 285, pl. 7 fig. 16; 1889a, 38 (in C. c.); 1891e, 292–305, pl. 11 figs. 1–37 (s. *attenuata* from crows) (in *C. cornix*, *C. corax*, *C. corone*, *C. frugilegus*, *C. monedula*, *Garrulus glandarius*, *Nucifraga caryocatactes*, *Pica caudata*, *Pyrrhocorax alpinus*, *Sturnella ludoviciana*); 1892d, 483; 1897, 283–284; 1899b, 25–26 (in [*Acridotheres ginginianus*, *A. tristis*, *Alauda arvensis*, *A. sp.*, *Anthus rufescens*, [*A. striolatus*], *Calornis metallica*, *Chelidon erythrogaster*, *C. urbica*, *Cisticola exilis*, *Cotyle riparia*, *Corvus corax*, *C. cornix*, *C. corone*, *C. cyanomelas*, *C. fr.*, *C. monedula*, *Falco subbuteo*, *Formicivora caudacuta*, *Garrulus gl.*, *Graucalus sclateri*, *Gracula grisea*, *Hirundo rustica*, *H. versicolor*, *Lanius sp.*, *Lullula arborea*, *Nuc. ca.*, *Passer dom.*, *Pica caudata*, *Poecile palustris*, *Py. alp.*, *Stur. lud.*, *Sylvia atricapilla*, *Xenops sp.*); 1905cc, 273 (to *Aprocta*); 1907, 266.—Mans., Somerville, etc., 1880, 58, 130.—Mueh., 1898b, 51.—Muell., 1897a, 7.—O'Zoux & Henry, 1903, 547.—Par., 1899a, 15; 1899b, 99 (in *Columba ænas*; *Portoferrajo*); 1902c, 16 (in C. a.).—Penel, 1905a, 73.—Soloviev, 1912, 112.—Stoss., 1896c (d), 122 (4) (s. *alaudæ*, *unguiculata*) (in *Alauda arvensis*, *Acridotheres ging.*, *A. tr.*, *Corvus fr.*, *Lullula arborea*; Asia, Europe); 1897b, 26 (14) (s. *alaudæ*, *monticelliana*, *ninnii*, ung.) (in *Alauda arv.*, *Acridotheres tr.*, *A. ging.*, *Corvus cy.*, *C. corn.*, *C. corone*, *C. fr.*, *C. corax*, *C. mon.*, *Gar. gl.*, *Hirundo rus.*, *Lullula arb.*, *Nu. cary.*, *Pœ. pal.*, *Py. alp.*, *Pica caudata*, *S. lud.*, *Syl. at.*); 1898c, 95 (s. al., *monticelliana*, *ninnii*, ung.) (in *Alauda arv.*, *Corvus f.*, *Lul. a.*; Trieste); 1899a, 3 (in *Sturnus vulg.*) 1902d (e) (11) (in *Athene sp.*, *Frugilegus graculus*; Siam, Albenga).—Volz, 1900, 142.—Wolffh., 1900a, 10, 19, 21, 22, 23, 30, 32, 34, 35, 45 (in *Corvus corone*, *C. fr.*, *Turdus merula*).

tridens Mol., 1858c, 393–394 (s. *collurionis pulmonalis*, *nodulosa*, *orioli*, *Hamularia cylindrica*, *Linguatula bilinguis*, *Tentacularia cylindrica*) (in *Cassicus ater*, *C. viridis*, *Icterus cristatus*, *I. chopi*, *I. hæmorrhous*, *I. (Psaracoli)*)

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- tridens*—continued.
icteroceph., *I. sericeus*, *Lanius collurio*; Europe & Brazil).—Dies., 1861a, 702.—Muell., A., 1904a, 120.—Stoss., 1897b, 83–84 (71–72).
- tridentata* Linst., 1877a, 10–11, pl. 1 fig. 17 (in *Colymbus arcticus*; by Linst.); 1877b, 175–176, pl. 12 fig. 7.—Stoss., 1897b, 45–46 (33–34) (in *C. a.*, *Larus ridibundus*).
- triglæ* Dies., 1851a, 286 (in *Trigla cuculus*) (based on Bellingh., 1845a, 475, in *T. pini*; Ireland).—Mol., 1858c, 432.—Stoss., 1897b, 84 (72) (in *T. c.*; *I.*).
- tringæ* M. C. V. in Rud., 1819a, 10 (in *Tringa alpina*; C. E. V.).—Dies., 1851a, 282–283.—Stoss., 1897b, 84 (72) (in *T. variabilis*).
- trispinulosa* Dies., 1851a, 274 (s. *oculicani*) (in *Canis fam. fricator*; by Gescheidt).—Addario, 1885, 145.—Bail., 1866b, 41.—Ben., 1878a, 279.—Cobbald, 1869a, 48, 62; 1873c, 92; 1879b, 304.—Dav., 1877a, cviii–cix.—Leuck., 1876b, 627.—Mol., 1858c, 402 (in *C. f. f.*).—Rail., 1889g, 131 (s. o. c.); 1893a, 531 (so. o. c.).—Rail. & Henry, 1913, 210.—Stoss., 1897b, 84 (72) (so. o. c.).—Verrill, 1870, 173.—Ward, 1895a, 343 (in *C. f.*).
- trochili* M. C. V. in Mol., 1858c, 426 (so. *trochili-amethystini*) (in *Trochilus amethystinus*; Brazil).
- trochili-amethystini* Mol., 1858c, 426 (in *Trochilus amethystinus*; Brazil).—Stoss., 1897b, 84 (72) (in *Calliphlox amethystina*; B.).
- trogonis-violacei* M. C. V. in Mol., 1858c, 377 (so. *circumflexa*) (in *Trogon auran-tius*; Egenho do Cap Gama, Citade d. Matogrosso).
- tropica* Rud., 1809a, 56 (so. *medinensis*).
- truncata* Rud., 1809a, 59–60 (in *Tinea padella*; by Nitzsch); 1819a, 5, 214.—Assmuss, 1865, 52 (so. *Mermis albicans*).—Duj., 1845a, 66. Hope, 1840a, lxxxvi (in *Yponomeuta padella*; teste Rud.).—Linst., 1892g, 510.—Olfers, 1816a, 55.—Rosenhauer, 1847, 318–320.
- truncato-caudata* Deslgch., 1824p, 394 (in *Vanellus cristatus*; by Des.).—Dies., 1851a, 283.—Duj., 1845a, 56.—Linst., 1883a, 287; 1886c, 11.—Mol., 1858c, 427.—Stoss., 1897b, 84–85 (72–73) (in *V. c.*).
- truncatula* Rud., 1819a, 6, 214 (in *Phalangium cornutum*, *P. opilio*; by Baer).—Crep., 1846b, 159.—Duj., 1845a, 63.
- tuberculata* Linst., 1877a, 11, pl. 1 fig. 18 (s. *Spiropt. attenuata*) (in stomach wall of *Hirundo urbica*; Ing.).—Stoss., 1891, 93 (so. *Disph. attenuatus*).—Also reported for *Chelidon rustica*, *Cotyle riparia*).
- tuberosa* Linst., 1906, Jan., 172 (s. *masoni* of Cast. & Willey, 1904, 79–80, pl. 6 figs. 1–6) (in *Mabuia carinata*; Colombo, Ceylon); 1907, 267 (in *M. c.*).—Johnst. & Cleland, 1912, 489.—Seur., 1916, 346 (so. m.).
- tulostoma* (Hempr. & Ehrenb., 1866 MS. [*Spiropt.*]) Schneid., 1866a, 80, 83, 102 (in *Vultur percnopterus*; Tor), 212.—Leuck., 1868b, 266.—Rail. & Henry, 1916, BSPE, 367 (in *Neophron percnopterus*).—Seur., 1915, 15 (so. *Habronema unilateralis*).—Stoss., 1897b, 51 (39) (in *N. p.*).
- turdi* M. C. V. in Mol., 1858c, 396 (so. *filiformis*) (in *Anabates rufifrons*; Cuyaba).
- turdi* M. C. V. in Mol., 1858c, 423 (so. *turdi-olivascens* (*palpebralis*)).—Rans. 1904a, 35 (so. t.–o. (p.)).
- turdi* M. C. V. in Mol., 1858c, 425 (so. *myotheræ-campanisonæ*).—Rans., 1904a, 35 (so. m.–c.).
- turdi* Linst., 1877b, 173–174, pl. 12 fig. 3 (in *Turdus iliacus*; Ratzeburg); 1879b, 327.—Stoss., 1897b, 96 (84) (to *Spiropt.*).
- turdi-atrogularis* Linst., 1883a, 288, pl. 7 fig. 20 (in *Turdus atrogularis*; Turkestan); 1886c, 13, fig. 20.—Soloviev, 1912, 112.—Stoss., 1897b, 17 (5).
- turdi-olivascens* Linst., 1878a, 90 (based on t.–o. (*palpebralis*) Mol., 1858c, 423) (in *Turdus olivascens*).—Rans. 1904a, 38.—Stoss., 1897b, 85, 143 (73, 131) (in *T. o.*; Brazil).
- turdi-olivascens* (*palpebralis*) Mol., 1858c, 423 (s. *turdi*) (in *Turdus olivascens*; Matogrosso), 446.—Rans., 1904a, 35, 38 (in *T. o.*; Brazil), 49.
- turdorum* Rud., 1819a, 9 (in *Turdus pilaris*, *T. viscivorus*; C. E. V.).—Dies., 1851a, 268 (so. abbreviata).—Mol., 1858c, 397 (so. a.).—Rans. 1904a, 31, 32.—Stoss., 1897b, 57 (45) (so. a.).

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- uncinata* Zed., 1803a, 37-38 (nuptæ renamed) (in Phalsen. nupta; Gœze, 1782a, 127, pl. 8 figs. 4-6).—Duj., 1845a, 66.—Rud., 1804, 94; 1809a, 66 (so. acuminata).
- uncinata* (Rud., 1819) Schneid., 1866a, 83, 94-95 (in Anser dom.; Berl.), 213, 239, pl. 6 fig. 4.—Anacker, 1893i, 345 (in Gans, Ente).—A., D., & E., 1901b, 20.—Fiebiger, 1912a, 241.—Frœhner, 1915a, 260.—Hamann, 1893a, 555-557 (intermediate host; near Berl.); 1893b, 52.—Hut. & Mar., 1910b, 480 (to Disph.).—Nev.-Lem., 1912a, 829 (to D.).—Ostertag, 1899a, 420 (in geese, ducks).—Rail., 1893a, 543 (to D.).—Schlegel, 1908b, 269-311; 1909a, 169 (in d., g.).—Schneidem., 1896a, 308 (in Gans, Ente).—Wehrmann, 1909a, 228 (in canard).
- unguiculata* Rud., 1819a, 4, 209 (in *Alauda arvensis*; by Klug).—Crep., 1846b, 172.—Dies., 1851a, 267-268 (s. *alaudæ*) (in A. a.).—Duj., 1845a, 54.—Mol., 1858c, 378 (in A. a.).—Stoss., 1897b, 26 (14) (so. *tricuspis*); 1898, 95.
- urogalli* Linst., 1879b, 325 (in *Tetrao urogallus*; lng.). 1889a, 44 (in T. u.).—Stoss., 1897b, 35 (23) (in T. u.).
- vanessæ-antiopæ* Dies., 1851a, 100 (to Gord.) (based on Sieb., 1842e, 155) (in *Vanessa antiopa*; by Roesel) and 1843a, 83 (in V. a.; Mus. Wien).
- vanessæ-polychlori* Dies., 1851a, 101 (to Gord.) (in *Vanessa polychloros*; Germany, Eng.).—[Sieb., 1842e, 155, 161.]
- vanessæ-urticæ* Dies., 1851a, 101 (to Gord.) (in *Vanessa urticæ*; teste Hope, 1840a, lxxxvi; also teste Werner).—[Sieb., 1842e, 156, 161.]
- veneta* Stoss., 1897b, 77 (65) (in *Ibis falcinellus*; Padua).
- verrucosa* Mol., 1858c, 392 (in *Falco swainsonii*; Brazil).—Dies., 1861a, 702.—Rail. & Henry, 1916, BSPE, 367, 368 (in *Gampsonyx swainsoni*).—Rans., 1904a, 37; 1911 (127), 104 (to Spiropt.).—Skrj., 1915, 132, 135; 1916, 541, 546 (in F. s.) (probably to *Serratospiculum*).—Stoss., 1897b, 85 (73) (so. *dubia*).
- verrucosa* (Mol., 1860) Stoss., 1897b, 53-54 (41-42) (in *Cervus dichotomus*, C. nambi, C. paludosus; Brazil).
- vespæ-crabronis* Dies., 1851a, 99 (to Gord.) (in *Vespa crabro*; Sardinia; cf. Sieb., 1850k, 333).—Linst., 1905t, 359.
- vespertilionis* Rud., 1819a, 7 (in *Vespertilio discolor*; C. E. V.).—Dies., 1851a, 279-280.—Duj., 1845a, 47.—Kolenati, 1857a, 14.—Mol., 1858c, 419.—Stoss., 1897b, 85 (73) (in V. bechsteinii, V. d.).—Also reported for *Vesperugo discolor*.
- vesperuginis* Linst., 1885b, 243-244, pl. 14 figs. 19-20 (s. ? *Trichina affinis* pars from *Plecotus auritus*, *Vesperugo noctula*) (in V. serotinus; lng.); 1889a, 7 (in V. s.).—Mingazzini, 1900d, 142, 143, fig. 4.—Stoss., 1897b, 15 (3) (in V. s.).
- vitrei* Chiralt, 1880a, 5 (var. of *oculi*) (in Homo); 1882a, 476.
- viveræ* M. C. V. in Mol., 1858c, 389 (so. *incrassata*) (in *Nasua narica*; Nas Trechas, Coll. Brazil).
- vivipara* Linst., 1904f, 13 (in *Corvus splendens*; Colombo).
- volvulans* Rail., 1893a, 522.—Rail. & Henry, 1910, v. 3, 91 (misprint for *volvulus*).
- volvulus* Leuck., in Mans., 1892b, 88 (for *volvulus*).—Rail. & Henry, 1910, v. 3, 91.—Stiles, 1907b, 45.
- volvulus* Leuck., in Mans., 1893, 963 (s. *volvulus*, *volvulus*) (in Homo; W. Africa).—A., D., & E., 1901b, 13.—Antoine, 1910, 9 fév.; 1910, v. 18(18), Mar. 2, 157.—Assénova, 1899, 50, 52, 102, 120.—Austen, 1904, Aug., 111.—R. Bl., 1895, 783; 1899e, 524; 1900f, 289; 1905a, 537.—Bouilliez, 1916, BSPE, 163.—Braun, 1903a, 277; 1906a, 307-308; 1908a, 307; 1915a, 327.—Brit. M. J., 1901 (2091), 209.—Brumpt, 1903, 370, 372; 1904, v. 1, 43-46; 1905, Feb. 21, 148; 1910, v. 3 (2), 93; 1910a, 454; 1913a, 498, 518.—Cammerneyer, 1912, 84; 1912, Cfb, 162 (case); 1912, 86.—Cast. & Chalm., 1910a, 408, 419, 448, ref. 1042.—Daniels, 1910a, 71; 1914a, 74, 127, 129, 130, 180.—Daniels & Stanton, 1907a, 117.—Füelleborn, 1908, v. 12, 1-17, 5 pls.; 1908, v. 55, 255; 1908, v. 12, 291-308, 701-702, pls. 1-5 figs. 1-27; 1909, v. 7, 31; 1909, v. 43, 346-347; 1909, v. 56, 732.—Guart, 1910a, 450.—Hoffm. & Halberstädter, 1909, v. 196, 84-91, fig. 1, pl. 2 figs. 1-6; 1909, v. 47, 579; 1909, v. 46, 845; 1909, v. 35, 903.—Itefko, 1913, 594.—Jeanselme & Rist, 1909, 631.—Joyeux, 1913, v. 6 (10), Dec. 10, 711-714.—Koch, 1910, v. 14, 96, 100-101.—Labadie-Lagrave & Deguy, 1899a, 451-460, figs. 1-5 (Dahomey); 1901a, 141.—Leiper, 1913, 272.—Looss, 1905c, 179 (in Homo; Goldcoast, Dahomey, Sierra Leone, West Africa), 180; 1914,

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405, 478.—Mans., 1903e, 629–630; 1904, 629; 1907, 687–689.—Neum. & Mayer, 1914a, 70, 398, 399, 400.—Nev.-Lem., 1902a, 95, 121; 1904a, 97, 124; 1906a, 304, 305, 309, figs. C–E; 1908a, 495.—Ouzilleau, 1913, v. 2 (8), Oct. 15, 426; 1913, v. 16, 307–321, 688; 1913, BSPE, v. 6, 80–88; 1914, v. 12 (2), Jan. 30, 72–73; 1914, v. 3 (2), Jan. 30, 104; 1914, MMW, v. 61, 1755–1756.—Parsons, 1909 (1908), v. 1 (4), 359–368, fig. 1.—Penel, 1905a, 10, 81, 119–124, 141, 148.—Petit, 1910, v. 3 (2), 92–93.—Plehn, 1914, 306.—Prout, 1901a, 209–211, figs. 1–3 (Sierra Leone); 1901b, 331; 1901c, 301–307, figs. 1–4; 1902a, 880.—Rail. & Henry, 1910, v. 3 (2), 91–93.—Rodenwalt, 1908c, 701–702; 1909, CiB, v. 44, 142; 1909, v. 56, 732.—Rodhain, 1915, BSPE, in 734–745; 1915, 740–742 (Congo Belg.).—Rodhain & van den Branden, 1916, BSPE, 186–198, to (*Onchocerca*).—Sl. & Sw., 1912a, 358, 359, 404.—Stiles, 1907b, 45; 1907e, 622; 1914, MM, v. 2, 306, 314 (to *Onch.*).—Stitt, 1910a, 232, 237, 312; 1914a, 264, 265, 277; 1916a, 319.—Tecce, 1908a, 933.—Verdun, 1907, 412–413.—Ward, 1903, 212, 216; 1903, 704.—Wasielewski, 1913a, 332.

volvulus Leuck. in Mans., 1893, 963 (error for *volvulus*).—Rail. & Henry, 1910, v. 3, 91.—Stiles, 1907b, 45.

volvulus Rail. & Henry, 1910, v. 3, 91 (for *volvulus*).

vuchereiri Magal. in Silva Lima, 1877a, 544.—Stiles, 1907b, 43.

vulpis Rud., 1809a, 68 (in abd. *Vulpes*; by Camper); 1819a, 7 (in *Vulpes*).—Dies., 1851a, 280 (in *Canis vulpes*).—Mol., 1858c, 420–421 (in *C. v.*), 421 (pars *so. leonis*).—Stoss., 1897b, 85 (73) (in *C. v.*).

vulturis (Mol., 1860) Stoss., 1897b, 51 (39) (in *Cathartes papa*; Brazil).—Rail. & Henry, 1916, BSPE, 367 (in *Sarcoramphus papa*; B.).

websteri Cobbold, 1879b, 433 (*macropodis-gigantei* renamed) (in kangaroo).—Fletcher, 1884 (for 1883), PLSNSW, v. 8 (3), 388 (*s. macropi-majoris*) (in *Macropus major*; N. S. W.).—Linst., 1905t, 357 (*so. m.-g.*).—Rail. & Henry, 1910, 251 (in *M. giganteus*; Australia).

wuchereri Silva Lima, 1877c, Sept., 395 (in *Homo*; S. America), 387–396, 481–492; 1877e, Dec., 542; 1878e, 200–215; 1878, v. 3, 106–109, 385–391.—R. Bl., 1895, 771–777 (*so. bancrofti*).—Bourel-Roncière, 1888a, 113, 135.—Braun, 1903a, 264; 1908a, 296; 1915a, 308.—Brumpt, 1910a, 435; 1913a, 498.—Cast. & Chalm., 1910a, 408; 1913a, 523.—Cobbold, 1878h, 361 (*so. b.*), 365; 1878, v. 3, 189–190; 1878, v. 2, 223.—Dunl., 1893a, 440; 1900a, 440 (*so. sanguinis*).—Giraud (1886a).—Huber, 1894a, 272; 1896a, 604 (*so. s. hominis*).—Magal., 1877a, 542, 543, 545; 1877b, 29–34; 1878h, 589–596; 1878i, 453–460; 1879c, 220–230; 1879d, 310–316; 1879e, 537–546; 1881b, 107–118 (in Cobbold, 1880, 79).—Mans., 1907, 4 ed, 596 (*wuchereri*).—Moniz, 1913, Bm, v. 27, 203–206.—Penel, 1905a, 11 (*so. b.*), 13.—Rail., 1893a, 515 (*so. b.*).—Silva Araujo, 1878c, 106–109 (in H.; Bahia); 1878e, 470–471; 1878h, 385–391.—Simon, 1897, 97; 1907a, 191; 1911a, 130.—Sl. & Sw., 1912a, 348.—Sons., 1896, 322.—Stiles, 1907b, 43.—Stoss., 1897b, 19 (7) (*so. b.*).—Ward, 1895, 320, 331 (*so. b.*); 1903, 213 (*so. b.*).

wuchereria Felicio dos Santos, 1877a, 137 (in *Homo*; Rio de Janeiro); 1877a, 539 (same as *wuchereri*) (elephantiasis of scrotum; R. de J.).—Magal., 1877a, 539.—Silva Araujo, 1877a, 539.—Stiles, 1907b, 43; 1907e, 615; 1914, MM, v. 2, 307.

wucheri Cast. & Chalm., 1910a, 1186; 1913a, 1683 (for *wuchereri*).

wucherii Fayrer, 1879b, 189 (for *wuchereri*).—Stiles, 1907b, 44.

wuchereri Mans., 1907, 4 ed, 596 (for *wuchereri*).

wymani Leidy, 1882b, 109 (in *Plotus anHINGA*; Florida); 1886e, 310 (*so. helecina*); 1904a, 162, 190.

xenopsis M. C. V. in Mol., 1858c, 398 (*so. obtusa*) (in *Xenops sp. incerta*; Marabitanas).

yaba Connal, 1912, 231–232, figs. C, D (in *Centropus senegalensis*; Lagos).

zebra Mongrand, 1852a, 63–64 (in *Homo*; Brest).—R. Bl., 1889d, 706.—Cast. & Chalm., 1910a, 407; 1913a, 522.—Guiart, 1910a, 593.—Moq.-Tand., 1860a, 388 (fibrinous coagulum).—Stiles, 1907b, 51 (in H.).—Verdun, 1907, 13.

zenis-fabri Rud., 1819a, 11 (in *Zeus faber*; C. E. V.).

zschokkei Meyer, 1896b, 55–69, figs. 1–9 (in *Manis pentadactyla*; Ceylon); 1896c, 627–628; 1897a, 94–95.—Linst., 1906, 171 (in *M. p.*).

FILARIADÆ Baird, 1853a, 4.—Braun, 1883a, 160, 181. Klebs, 1887a, 478.—Leuck., 1876a, 609-611.—Par., 1887, 358.—Stiles, 1907b, 38.

FILARIADEA [n.v.].—Cast. & Chalm., 1910a, 406 (for Filariadæ; so. Filariidæ); 1913a, 521.

Filariasis.

(ANNAM) Bauche & Bernard, 1912, BSPE, v. 5 (8), 622-624.

(BERLIN) Wernich, 1895b, 620-630, figs. 52-58.

(BRAZIL) Froes, 1906, Bm, v. 20, 63, 75.

(CALCUTTA) Pease, 1906a, 414-416; 1907d, 252-254 (simulating dourine).

(FRANCE) Brumpt, 1910a, 441.—Brumpt & Wurtz, 1904, 567-571.—Trasbot, 1877a, 388.

(GEORGETOWN AND DEMERARA) Low, 1901a, 1-24.

(KÖNIGSB.) Braun, 1896f, 20-21.

(KRISTANIA) Horne, 1909, NVT, v. 21 (11), 302-306, figs. 1-2.

(LIVERPOOL) A., D., & E., 1901b, 1-92, fig. 1.

(PARIS) R. Bl., 1893z, 446-447; 1905a, 536.—Bouilleux, 1916, BSPE, 163-165.—Hamon, 1905, Caducée, v. 5 (1), 11.—Lorentz, 1890a, 1-70.

(TORINO) Aguzzi, 1907, Dv, v. 1, 731-732.—Cagny & Gobert, 1907, Dv, v. 1, 730-731, figs. 838-842.

(TOULOUSE) Darmagnac, 1911, RgMv, v. 18, 395-397, 1 fig. (symptoms of dourine).

(THE TROPICS) Ziemann, 1905z, 420-424, figs. 1-2; 1905aa, 615; 1905bb, 238; 1905cc, 333-334; 1905dd, 773-774; 1905ee, 614; 1905ff, 634; 1905ll, 84; 1905mm, 1409; 1905oo, 272; 1906c, 191-192.

(TURKESTAN) Yakimov & Schokhor, 1914, BSPE, v. 7, 188-189.

(UGANDA) Bruce, Nabarro, & Greig, 1904, 613.

(MISCELLANEOUS) Breinl, 1914, 7-8.—Bruce, Nabarro, & Greig, 1904, 538-539.—Göldi, 1913, 137, 141.—Shaw, 1901, 1028.

And mosquitoes: (DEUTSCHLAND) Fülleborn, 1907, AST, v. 11, 635-643 (Anophelæ, Stegomyia); 1908, AST, v. 12 (8), 309-352; (9), 1-36; (10), 1-30.

(PARIS) R. Bl., 1895, 746; 1900f, 280-291, pl. 6 figs. 1-7; 1904, 9; 1905a, 525.—Noel, 1902b, 161-163.

(ROME) Grassi, 1901n, 941-948.—Grassi & Noè, 1900a, 157-162; 1900b, 1306-1307; 1900c, 652-657; 1901a, 4; 1904, 6.—Noè, 1900a, 357-362, figs. 1-3; 1901a, 317-319; 1901c, 536; 1902a, 120-121; 1902b, 437; 1904f, 7.

Filariasis in dog.

(DEUTSCHLAND) Lemke, 1909, TR, v. 15 (24), 185; 1909, MtW, v. 53 (33), 591-592 (Fil.-Räude).—Saisawa, 1912, CfB, v. 67, 68-75, pls. 1-2, fig. 1.

(FRANCE) Cadéac, 1897a, 582-584; 1897, Cv, v. 20 (48), 568; 1898a, 401-402.—Panthot, 1679a, 270-271, figs. 1-4 (heart).—Renault, 1835a, 7.—Roger, 1906k, 119-120; 1906l, 267.

(INDIA) Gaiger, 1911, JTVS, v. 6 (3), 292-296 (extra-ocular).

(ITALY) dell' Acqua, 1906, Cv, 246-253; 1906, DtW, v. 14 (44), 546-547; 1906, 81-82; 1906, AMv, v. 55 (8), 472-473; 1907, RgMv, v. 10 (119), 607-608; 1908, JTVS, v. 3 (2), 267-268; 1908, *ibid.*, v. 3 (3), 410-411.

(U. S. A.) Woods, 1886a, 100-103.

Cardiac: (FRANCE) Caillot, 1909, RMv, v. 86, 372-373; 1909, AMv, v. 58 (10), 597; 1909, AVR, v. 36 (1), 69.—Rail, 1892s, 371-374.

(U. S. A.) Earl, 1880a, 23.

Cases: (ALGERIA) Mellis, 1903a, 184-185 (fatal); 1903b, 336; 1903c (d), 130-131, 1905a, 504.

(BOLOGNA) Bonvicini, 1910, T, v. 49 (3), 59-61.

(FRANCE) Bauche & Bernard, 1911, BSPE, v. 4, 478-482.—Galeb & Pourquier, 1877a, 271-273 (congenital infection).

(GR. BRIT.) Mather, 1843a, 434-436 (in intestine).

(LAKE CITY, FLA.) Dawson, 1902a, 507; 1903a, 69; 1903, JMVZ, v. 54, v. 7, 725.

(PHILA.) Vet. Mag., 1896, v. 111 (1), 51.

Filariasis in dog—Continued.

Cases—continued.

(PORTUGAL) Nogueira, 1886a, 666-667.

(U. S. A.) Earl, 1880a, 23.

(WETZLAR) Thierarzt, 1903, v. 42 (8), 174 (fatal).

Cutaneous: (CALCUTTA) Mitter, 1910, JTVS, v. 5 (3), 411-413, pls. 33-34; 1910, VJ, v. 66, 668-670.

(FRANCE) Bernard & Bauche, 1913, BSPE, v. 6, 89-99, figs. 1-9 (*Dirofil. repens* and *Stegomyia fasciata*).

(ITALY) Rivolta, 1868f, 300; 1869a, 476; 1869h, 75.

Haematic: (BRAZIL) Lavault, 1896a, 162-163.

(BUDAPEST) (immitis, in dog) Fettick, 1899a, 245-250.—Hut. & Mar., 1913a, 929.—Ratz, 1899c, 177-178.—RMv, 1896, v. 73, 67, 162-163.—Veterinarius, 1896, v. 19, 161.

(FRANCE) Galeb & Pourquier, 1877a, 271-273 (in fetus).—Gruby & Delafond, 1843a, 325-326; 1843b, 381-382; 1843c, 265; 1843, AMNH, v. 11, 403-404; 1844c, 687-688; 1845a, 216-217; 1848a, 67-68; 1852a, 1-15; 1852b, 9-14; 1852c, 36-37; 1852d, 11-12; 1852e, 233-238; 1854a, 33-35.—Legros & Mathieu, 1873, CrSB, 296.—Mathieu, 1874a, 296.—Panthot, 1679a, 270-273 figs. 1-4 (in dog's heart).

(LAKE CITY, FLA.) Dawson, 1902a, 507; 1903a, 69; 1903, JMvZ, v. 54, v. 7, 725.

(MILAN) Zibordi, 1910a, 684-689, 697-704; 1910, Cv, v. 33 (45), 713-717; (46), 734-740.

(PHILA.) Vet. Mag., 1896, v. 111 (1), 51.

(PORTUGAL) Nogueira, 1886a, 666-667.

Filariasis in horse.

(AMES, IOWA) Repp, 1903a, 248; 1903b, 219-220 (peritoneal).

(BENI-ABBES, SAHARA-ORANAIS) Vialatte, 1916, BSPE, v. 9 (7), 482-483.

(CALCUTTA) Argyle, 1910, JTVS, v. 5 (1), 96-100.

(COLCHESTER) Wilson, 1880a, 170-172 (cutaneous hemorrhage).

(DEUTSCHLAND) Mandel, 1910, CfB, v. 57, 84-87, fig. 1 (blood); 1911, VN, v. 8, 247.—Wirth, 1911, ZIpKHH, v. 10, 161-174, pl. 1; 1912, *ibid.*, v. 12, 295-298; 1914, *ibid.*, v. 15, 135-138.

(FRANCE) Drouet, 1908, RgMv, v. 12, 553-568, fig. 1; 1908, JCPT, v. 21 (4), 363-369; 1909, Av, v. 5 (6), 364-366; 1909, DtW, v. 17 (34) 501-502.—Drouin, 1902a, 654-660; 1903a, 176-177; 1903b, 11-12; 1903c, 31-32; 1903d, 72-73; 1903, JLGVM, v. 22, 110-116; 1903, CfB, v. 33 (13-14), 413-414; 1904, Cv, v. 27 (3), 19.—Huguier, 1904, RMv, v. 81, 469-471; 1904, JCPT, v. 17 (3), 264; 1907, AMv, v. 56 (6), 353-354; 1908, JTVS, v. 3 (1), 137.

(GR. BRIT.) Bovett, 1861a, 515 (in an ulcer).—Dupuy & Prince, 1835a, 570-571.—Place, 1915, VR, v. 28, 120-125 (flies).

(ITALY) Baruchello, 1889a, 221-231; 1891a, 17-20.

(NETHERLANDS) Ten Broeke, 1905a, 255-257 (and cattle); 1905b, 162; 1905c, 353-354; 1905d, 47; 1905e, 334-335.

(PHILIPPINES) Harrington, 1913, AVR, v. 43 (1), 87-89.—Mitzmain, 1915, AJTD, v. 2 (12), 759-763, pl. 27 (*Stomoxys calcitrans*).

(STUTTGART) Kitt, 1891a, 433-454, figs. 1-3.

(TURKESTAN) Yakimov & others, 1914, BSPE, v. 7, 189-192; 1915, ZIpKHH, v. 16, 275-286.

(WIEN) Wedl, 1848b, 261-263.

—, Suspensory ligaments of the pastern joint: (FRANCE) Billet & Fayet, 1907, BSMv, 377 (*Eosinophilia*); 1907, CrSB, v. 63 (25), 79-80, 1908, AMv, v. 57 (2), 103; 1908, RgMv, v. 12, 633-634.—Fayet, 1907, BSMv, v. 84 (22), 536-537 (treatment); 1908, Rv, v. 65, v. 33 (1), 38; 1908, JTVS, v. 3 (3), 414-415.—Pader, 1900a, 560-561; 1900b, 234; 1901b, 58-95, figs. 1-20; 1902a, 324; 1902b, 695; 1904a, 648-652; 1904b, 651-652; 1904c, 646; 1904d, 215; 1904e, 246; 1904f, 117-118; 1907a, 162; 1907b, 446; 1907c, 288-289.—Schneid. & Fayet, 1909a, 359-361.—Schneid., Fayet, & Moreau, 1909a, 1-10, figs. 1-4; 1909b, 128-129; 1909c, 273-276; 1909d, 295-297; 1909e, 290-291; 1909, Rv, v. 34 (12), 785-786.

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- (AUSTRALIA) Flynn, 1903a, 248-251; 1903b, 524.—McLean, 1910, AMG, v. 29, 234.
- (BAHIA) Magal., 1879b, 69-71.—Paterson, 1878a, 529-536; 1879d, 401-406; 1880a, 14-20.—Silva Araujo, 1875a; 1876a; 1878b, 49-54.
- (BALTIMORE) Simon, 1907a, 191; 1911a, 130, 598.
- (BRAZIL) Monteiro, 1908, Tm, v. 14, 99.—Silva Lima, 1876a, 107-109.
- (BRIT. GUIANA) Daniels & Congers, 1896a, 42-61 (elephantiasis).—Edmonds, 1902a, xi-xii.
- (BRUXELLES) Van Campenhout & Dryepondt, 1901, JmB, v. 6, 420-424.
- (CALCUTTA) Lewis, 1875e, 613-615.
- (CALIFORNIA) Wellman, 1908i, 118.
- (CANAL ZONE) Carter, 1909, PCZMA, v. [1], 188-189.—Darling, 1909, PCZMA, v. [1], 175-178.—Deaks, [1909], PCZMA, v. [1], 188.—Herrick [1909], PCZMA, v. [1], 179-183.
- (CHARLOTTENBURG) Ziemann, 1906, HdT, v. 3, 269-557; 1913, AST, v. 17 (14), 469-493 (Gewebsentzündung).
- (DEUTSCHLAND) Bockhorn, 1915, MK, v. 11, 1029-1031 (in Russian prisoners).—Küelz, 1914, AST, v. 18 (5), 164-166.—Martens, 1908, DmW, v. 34 (40), 1747-1748.—Rodenwaldt, 1909, DmW, v. 35 (4), 143-144; 1909, CfB, v. 43 (9-12), 345-346; 1915, MK, v. 11, 1212 (in Russian prisoners).—zur Verth, 1908a, 1550; 1908d; 1747-1748; 1908e, 2113-2114; 1908f, 2627; 1909a, 447; 1909b, 76; 1909c, 345; 1909d, 345-346; 1909e, 297; 1909f, 173.
- (DUTCH INDIES) Salm, 1906b, 537-557, pl. 1 figs. 1-4; 1907a, 599.
- (EDINB.) Nutt., 1900d, 463-485, pls. 1-2.
- (EGYPT) Looss, 1905c, 148; 1914, HdT, v. 2, 371, 378 (Neubildungen), 432, 444, 445f (Lymphdrüsen, Lymphgefässerkrankung), 470, 475, 476, 477.
- (GR. BRIT.) Bahr, 1914, TICM, sect. 21 (2), 295; 1914, AST, v. 18, 849-850; 1914, TDB, v. 4 (3), 133.—Cast. & Chalm., 1910a, 8, 414, 497, 802, 815.—Dutton, 1901a, 612-613; 1901b, 409-411; 1901c, 272.
- (HABANA) Grau San Martin, 1911, CmqH, v. 37, 252-256.
- (INDIA) Calvert, 1903, IMG, v. 38 (5), 180.—Clayton, 1909, IMG, April; 1909, BOiHp, v. 1 (6), 508.—Maitland, 1895a, 609-615; 1895b, 86-88; 1895c, 275; 1895d, 99-103.
- (JAPAN) Miyake, 1908, ZHI, v. 59, 351-361, pl. 2 figs. 1-7.—Scheube, 1883a, 2123-2138.—Tanaka, 1907a, 1305; 1908a, 600-615; 1909a, 175-176.
- (LISBON) Silva Amado, 1873a, 151-153.
- (LOND.) Low, 1905a, 297-300; 1908, H, v. 44, 123.—Low & others, 1913, BMJ, v. 2, 1298-1302.—Mans., 1880d, 891; 1881c, 13-15; 1881d, 10-11; 1881e, 615-616; 1881f, 347; 1882g, 1-16, fig. 1 charts 1-3; 1883a, 176-177; 1893c, 738-851, figs. 51-78; 1895b, 62-77; 1902, TD, 545-604; 1904k, 72-73; 1904s, 148; 1904aa, 139; 1904, TD, 545; 1907, TD, 594-649.—Pearse, 1904a, 595-597, fig. 1.—Primrose, 1903, 1262-1265.—Prout, 1908, L, v. 174, 938; 1908, TSTMH, v. 1, 152-193.—Young, 1897a, 1037-1039.
- (MARYLAND) Marden, 1915, Maryl. MJ, v. 58, 1-8.
- (MONTPELLIER) Vermeil, 1904a, 1-57.
- (NEW YORK) Kingsbury, 1911, JCDS, v. 29, 357.—NYMJ, 1892, v. 1, 494.
- (OXFORD) Osler, 1912, 305-307.
- (PARIS) Barth, 1881a, 677-690; 1884c, 669-677.—Guiart, 1910a, 454, 522, 551.—Lancereaux, 1888c, 343-378, figs. 1-5; 1897a, 9-19.—Marie, 1897a, 490-500.—Moty, 1891a, 71; 1892a, 1-32; 1892b, 414; 1892c, 301.—Nature, 1911, v. 39 (1), 106-107.—Nev.-Lem., 1904a, 205.—Penaud, 1906a, 279-280.—Texier, 1904a, 102-104; 1904b, 363; 1905a, 522.—Zune, 1893a, figs. 1-8, pls. 1-6.
- (PETROGRAD) Schultz, 1913, RV, v. 12, 662-665.
- (PHILA.) Riesman, 1904a, 565.
- (PORTO RICO) Martínez Alvarez, 1916, BAmPR, v. 13 (110), 17-21, 2 charts; 1916, TDB, v. 8 (3), 203.
- (ST. LOUIS) Thornton, 1908a, 655-671.
- (SIENA) Memmi, 1903a, 447-450.

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- (SIERRA LEONE) Prout, 1908a, 109-115; 1908b, 938; 1908, JTMH, v. 11 (8), 127; 1908, L, v. 174, 1552-1553; 1908, JTMH, v. 11 (11), 170-177; 1908, BIP, v. 6 (15), 690-691; 1908, TSTMH, v. 1, 152-193.
- (TORINO) Sons., 1882, MTG; 1883, TES, v. 1, 148-155.—Tabusso, 1908a, 213-215; 1908b, 112-113.
- (U. S. A.) Cunningham, 1906, AS, v. 44, 483-518; 1906, JAMA, v. 47 (20), 1683.—Johns., 1914, NYMJ, v. 100 (25), 1241.—Smith & Rivas, 1915, PPS, v. 17, 60.—Stitt, 1914a, 262, 265, 266, 267, 268, 269, 270, 271, 275, 346, 376, 380, 394, 395.—Ward, 1906k, 370-371; 1906l, 511-513.
- (WASH., D. C.) Bigelow, 1880a, 269-270.
- (MISCELLANEOUS) F., S. & T., 1916a, 755.—Frœhner, 1915a, 432.—Goodhue, 1906, 1584.—Jeanselme & Rist, 1909, 601, 607, 609, 611, 612, 613, 627.—Musser, 1913a, 532.—Nichols & Phalen, 1908, 364-367.—Phalen & Nichols, 1908, 462-466.—Plehn, 1914, HdT, v. 2, 306 (Neubildungen).—Renaux, 1911, DmW, v. 37 (26), 1240.—Roger, 1908, 137 (granular estival).
- Abscesses: (DEUTSCHLAND) Plehn, 1914, HdT, v. 2, 306.
- (EGYPT) Looss, 1905c, 153; 1914, HdT, v. 2, 452, 477.
- (LOND.) Mans., 1903e, 573.
- (S. CHINA) Maxwell, 1901b, 609-612, charts A-C; 1901c, 395-399, charts A-C; 1901d, 271-272; 1901e, 512.
- Accidents: (FRANCE) Lancereaux, 1890b, 438-441; 1890, Sem. méd., v. 10 (19), 150-151.
- Adenitis of the Triangle of Scarpa: (MARSEILLE) Zwirn & Bonnal, 1912, Marseille méd., v. 49, 440.
- Adenolymphocoele: (BORDEAUX) Demons, 1896a, 339-343.—Nabias, 1896a, 343-351.—Sabrazès, 1896a, 351-358, figs. 1-2.
- (FRANCE) Le Dentu, 1907, 1-126.
- (PARIS) Marie, 1898a, 807-809.—Schwartz, 1898a, 804-807, fig. 1.
- "Barbados leg": (GR. BRIT.) Ozzard, 1902, 28.
- Blood, condition of: (AUSTRALIA) Bancroft, Jackson & Bancroft, 1894a, 6 (increase of white corpuscles).
- (CANAL ZONE) McLean, 1909, PCZMA, v. 1, 184-186.
- (DEUTSCHLAND) Schill.-Torgau, 1914, HdT, v. 2, 143.
- (EDINB.) Gulland, 1902a, 831-832; 1902b, 881; 1902c, 402; 1902, BMJ (2153), 531-532; 1903a, 1245-1246; 1903b, 277-278; 1903c, 735.
- (EGYPT) Looss, 1905c, 154 (leucocytosis).
- (GR. BRIT.) Castor, 1903, JTM, v. 6 (17), 277-278.—Coles, 1902a, 1137-1138; 1902b, 914; 1902c, 955; 1902d, 787; 1902e, 993.
- (PARIS) Wurtz & Clerc, 1905a, 260-266, fig. 1.
- (U. S. A.) Calvert, 1902a, 23-24; 1902e, 1523 1525; 1902f, 980; 1902g, 989; 1903, Cfb, v. 33 (13-14), 414.
- Blood, eosinophilia: (CONSTANTINOPLE) Remlinger, 1902a, 1145-1146; 1902b, 295 296.
- (EDINB.) Gulland, 1902a, 831-832; 1902b, 881; 1902c, 402; 1903a, 1245-1246; 1903b, 277-278; 1903c, 735.
- (LOND.) Low, 1912, JTMH, v. 15 (3), 38-39.—Whyte, 1909a, 175-183, 1 map; 1909b, 175; 1909c, 600-601; 1910a, 97.
- (PARIS) Brochard, 1910, BSpE, v. 3 (9), 609-613, 1 table; 1910, Pm, v. 18 (98), 925.—Livon & Pénard, 1906, CrSB, v. 61 (35), 510-512; 1907, BIP, v. 5 (2), 83; 1907, JTVS, v. 2 (2), 244-245.—Marotte & Morvan, 1913, CrSB, v. 75, 241-243; 1913, AMCVS, v. 6 (10), 661-670.—Nattan-Larrier, 1907, RMHt, v. 4 (3), 129-142; 1907, Caducée, v. 7 (22), 306.—Nattan-Larrier & Parvu, 1909, BkW, v. 46 (24), 1143 (phagocytäre Tätigkeit); 1909, AMCVS, v. 2, 635-649, pls. 1-2; 1910, BIP, v. 8 (14), 635-636.—Sicard & Blais, 1902a, 1427-1428; 1905a, 38.—Sorel, 1911, BSpE, v. 4, 205-206.—Vaquez & Clerc, 1902a, 1425-1426.—Wurtz & Clerc, 1904a, 1704-1705; 1904b, 72; 1904c, 194.
- (U. S. A.)—Calvert, 1902b, 133-136; 1902c, 167; 1902d, 153.

Filariasis in man—Continued.

Cases: (BERL.) Bockhorn, 1915, MK, v. 11 (37), Sept. 12 (in blood).

(BOSTON) Brown, 1903, BMSJ, v. 149, 520; 1903, MR, v. 64 (12), 474.—Councilman, 1900a, 758-759; 1900b, 843.—Lothrop & Pratt, 1900a, 275-303, pls. 1-3 figs. 1-9; 1900b, 525-553, figs. 1-10; 1902a, 373.

(BRAZIL) Magal., 1878, 589-596; 1878i, 453-460.

(BRIT. NEW GUINEA) Seligmann, 1901a, 308.

(CANAL ZONE) McLean, 1909, PCZMA, v. 1, 184-186.

(DEVONSHIRE) King, 1913, BMJ, v. 1, 1108.

(EDINB.) Burrows, 1910, JTMH, v. 13 (2), 25 (Fil. diurna).

(EUROPE) R. Bl., 1905a, 535-536.—Font y Torné, 1894a, 44-45; 1894b, 393; 1894c, 97-106; 1894d, 85-86.—Lacava, 1916, Malaria, v. 7, 221-225, pl. 1.

(FEZ, MOROCCO) Verdon, 1904a, 197-198; 1905a, 182.

(FLORIDA) Anderson, 1896, Sept.

(FRANCE) Lancereaux, 1888a, 864-870; 1888b, 630-631.—Livon & Penaud, 1906, CrSB, v. 61 (35), 510-512; 1907, BIP, v. 5 (2), 83; 1907, JTVS, v. 2 (2), 244-245.

(GR. BRIT.) Crawford, 1898a, 1618-1619; 1898b, 505; 1898, IMR, v. 15, 51-53; 1898, GmdB, v. 1 (12), 544-551.—Fleming, 1908, BMCJ, v. 26, 139-142 (with abscess).

(ILES DE LA SONDE) Salm, 1913, Caducée, v. 13 (15), 205; 1913, TBD, v. 2 (8), 421.

(INDIA) Chatterjee, 1906, L, v. 171, 499-500, fig. 1; 1906, DmW, v. 32 (36), 1468; 1907, CfB, v. 40 (13-14), 401.

(INDIANA) Austin, 1902, MSM, v. 5, 342-343; 1902, JAMA, v. 39 (19), 1215.

(INDOCHINA) Noc, 1908, BSPE, v. 1 (6), 369-373, fig. 1; 1908, Pm, v. 16 (48), 382; 1908, BIP, v. 6 (15), 692; 1909, RdH, v. 31 (5), 487; 1909, CfB, v. 44 (5), 141-142.

(LOND.) Bancroft, 1878a, 407-417, figs. 17-19; 1879a, 698.—Brohier, 1915, Rpt. Accra Lab., 27-29 (enteritis, fatal); 1917, TDB, v. 9, 275-276.—Eve & Barnard, 1899a, 1362-1363, figs. 1-2.—Maitland & Mans., 1894a, 844-846, figs. 1-6; 1894b, 499-507, pls. 1-2.—Mans. & Godlee, 1902a, 209-210; 1902b, 668.

(LUBLINITZ) Monschel, 1860a, 83-87.

(LYON) Genet, 1901-2 (57), 1-58.

(MADRAS) Maitland, 1889a, 9-11; 1894a, 57-58; 1902e, 313-314.

(MARYLAND) Lockwood, 1903a, 367-370, figs. 1-2; 1903b, 353.

(MISSOURI) Grindon, 1908, JMSMA, Sept.; 1908, JAMA, v. 51 (19), 1642; 1908-9, JMSMA, v. 5, 129-135.

(NEW CALEDONIA) Lebœuf & Javelly, 1911, BSPE, v. 4, 202-204.

(NEW YORK) Flint, 1895a, 737-739.

(PARIS) Bonnel, 1912, Caducée, v. 12, 53; 1913, CfB, v. 56 (5-6), 154.—Goubeau, 1912, RM, v. 22, 98-100.—Japhet, 1892a, 1-7.—Lab., 1888d, 881-882.—Laveran, 1893l, 738-746; 1916, Pm, v. 24 (55), 441.—Maille, 1913, AMPn, v. 99, 462-466; 1914, AST, v. 18 (19), 674; 1914, CfB, v. 61 (4), 121.—Marchoux, 1910, BSPE, v. 3 (9), 613-616.

(PETROGRAD) Schultz, 1913, CfB, v. 71, 410-419, fig. 1.

(PHILA.) Leidy, 1880c, 130-131, figs. 1-2.

(TOULOUSE) Baur & Cervera, 1914, Rv, v. 71, v. 39 (11), 644; 1914, Pm, v. 22; (51), 491.

(WASH., D. C.) Lyon, 1917, JAMA, v. 68, 118-119 (1-12).

Cases, fatal, autopsy: (CHICAGO) Armstrong & Mullally, 1914, SG&O, v. 19, 699-704; 1914, JAMA, v. 64 (2), 181.

Chyliform pleurisy: (FRENCH COLONIES) Mille, 1906, RMH, v. 3 (2), 58-61 (guéri par l'empyème).

Chylocele: (BRAZIL) Magal., 1881b, 107-118.

(EGYPT) Looss, 1905c, 153.

Chylous dropsy: (LONDON) Mans., 1903e, 593, 597.

Chylous hydrocele: (LOND.) Eve & Barnard, 1899a, 1362-1363, figs. 1-2.

Filariasis in man--Continued.

- Chyluria: (BRAZIL) Havelburg, 1882a, 365-376, pl. 11.—Moncorvo, 1904a, 802-809.—Moura, 1877a.—Silva Lima, 1877c, 481-492, pl. 1; 1877d, 439-448; 1878d, 88-96; 1878e, 200-215.
 (BROMLEY, KENT, ENG.) Smith, 1902a, 376.
 (EDINB.) Collett, 1893a, 243-244; 1893, GmdB, v. 4 (9), 383-386.
 (EGYPT) Looss, 1905c, 152, 153.
 (EUROPE) Biondi, 1903, ArALincei, v. 12 (1), 538-539; 1903, BIP, v. 1 (18), 696; 1904, 649-650.
 (FRANCE) Nattan-Larrier, 1906e, 601-603; 1906f, 716 (cytodiagnostic des urines).
 (HYDERABAD) Lawrie, 1891a, 364-365 (thymol treatment).
 (ÎLES DE REUNION ET MAURICE) Nativel, 1886a, 1-76.
 (INDIA) Lewis, 1872c, 241-260, figs. 1-3; 1872d, 1-50, figs. 1-3; 1872e, 889-890; 1873a, 52-54; 1873b, 120-121; 1873c, 217-219; 1873d, 325-328, figs. 1-3; 1873e, 540-541; 1874a, 504-549; figs. 1-3; 1874b, 5-53, figs. 1-3; 1874c, 133.
 (KJØBENHAVN) Pontoppidan, 1879a, 41-44, fig. 1.
 (LEIPZIG) Ackermann, 1865, DAKM, v. 1 (1), 127-132.
 (LONDON) Makuna, 1879a, 286.—Mans., 1901i, 281.
 (NEW YORK) Abbe, 1879, 354-355.—Flint, 1895a, 737-739.—Kaliski, 1911-12, AJU, v. 7, 429-437; v. 7 (11), 417-458 (unilateral).—Pilcher & Pilcher, 1911, MR, v. 79 (10), 434, fig. 1.
 (TAHITI) Chassaniol & Guyot, 1878a, 61.
 (U. S. A.) Guiteras, 1886a, 399-402.
 —, cases: (ALLAHABAD) Deakin, 1882a, 88-89.
 (BOSTON) O'Neil, 1908, BMSJ, v. 158, 116-119.
 (BRAZIL) Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.
 (CONSTANTINOPLE) Remlinger & Hodara-Bey, 1902a, 574-584; 1902b, 299-308; 1903a, 217-225; 1903b, 66; 1903c, 486; 1904a, 32; 1905a, 38.
 (GUADELOUPE) Venturini, 1880, Jan., 56.
 (LONDON) Daggett, 1896a, 1706.
 (MANILA) McDill & Wherry, 1904b, 907.
 (PHILA.) Henry, 1896c, 96-109, figs. 1-6; 1896d, 477-482, figs. 1-6; 1896e, 1-20; 1896f, 619-620; 1896g, 667; 1896i, 317-318.
 (TAHITI) [Alquier, 1903, AHMc, v. 6 (2), 316-319.]
- Cirrhosis of the liver: (JAPAN) Wakii, 1905a, 1115-1124.
- Colic, in a woman: (PARIS) Audain, 1906, Lm, v. 10 (1), 21-22.—Mathon, 1906a, 1-20.—Ricot, 1906b, 59-62 (simulating appendicitis).
- Craw-craw: (BRAZIL) Ferrari, 1905, RmcB, Nov.; 1906, BIP, v. 4 (4), 167.—Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.
 (LONDON) O'Neill, 1875a, 265-266, fig. 1.
- Diagnosis: (HAMBURG) Fülleborn, 1913, ICHD, (15), v. 5 (2), 696-697 (differential, of species).
 (U. S. A.) Rivas, 1912, MR, v. 82 (6), 275.—Rivas & Nichols, 1913, NYMJ, v. 97 (4), 212-213.—Rivas & Smith, 1912, SMJ, v. 5 (9), 631-634; 1912, JAMA, v. 59 (19), 1747.
- Epidemics: (SENEGAL) Blanchard, 1911, DmW, v. 37 (10), 472.
 (TOMBOUCTOU) Talairach, 1907a, 377-378.
- Etiology: (HAITI) Audain, 1900b, 43-46.
 (INDIA) Maitland, 1900a, 537-538; 1900b, 49-50; 1900c, 357; 1900d, 533; 1901a, 40; 1904a, 8.
 (U. S. A.) Dutcher & Whitmarsh, 1915, AJTDPM, v. 3 (2), 69-74.
- Fever: (EGYPT) Looss, 1914, HdT, v. 2, 466.
 (LOND.) Granville, 1882a, 314.—Mans., 1882d, 289-290.
- Galacturia: (S. AMERICA) Ackermann, 1863, 221-224, 233-237.
- Genital organs: (BRIT. GUIANA) Wise, 1909b, 276-277; 1910b, 96 (spermatic cord).
 (HAITI) Audain, 1894, 1-82; 1899, 1-36; 1900a, 29-34.

Filariasis in man—Continued.

Genital organs—continued.

(LOND.) Leiper, 1911, JTMH, v. 14 (7), 110–111 (scrotal).

(PARIS) Morestin, 1908, Pm, v. 16 (40), 316 (tunica vaginalis).

Geographic distribution: (AFRICA) Brumpt, 1904, CrSB, v. 56, 758–760; 1904, BIP, v. 2 (11), 473; 1904, CPA, v. 15 (14), 581.—Livingstone, 1858b, in 9–440.

(AFRICA, BRIT. CENTRAL) Daniels, 1901c, 193–194; 1901, IMG, v. 36, 307.

(AFRICA, FRENCH WEST) Hudellet, 1914, AHMc, v. 17 (1), 115–123; 1914, TDB, v. 4 (3), 124.

(AFRICA, GERMAN EAST) Grothusen, 1913, MBdS, 84–85.—Manteufel, 1913, MBdS, 84.—Marshall, 1913, MBdS, 250–251.—Wüenn, 1913, 301.

(AFRICA, W. COAST) Prout, 1902, 879.

(ALGERIA) Cazanove, 1912, AHMc, v. 15, 555–593.—Legrain, 1898a, 151–152.—Marotte & Morvan, 1913, AMPM, v. 61, 1–66 (au bataillon de Sénégalais); 1913, TDB, v. 2 (2), 87–88.

(L'ARCHIPEL DES COMORES) Rouffiandis, 1910, BSpE, v. 3 (3), 145–152.

(L'ARCHIPEL WALLIS) Brochard, 1910, BSpE, 9 mars; 1910, Pm, v. 18 (24), 207.

(BAGANDA) Cooke, 1902a, 245–248; 1902b, 661.

(BAMAKO) Leger, 1912, BSpE, v. 5, 618–622; 1914, AHMc, v. 17 (1), 77–81; 1914, TDB, v. 4 (3), 125.

(BARBADOES, W. I.) Low, 1901d, 283–285; 1901e, 687–689; 1902b, 38; 1902c, 1472–1473; 1902d, 10; 1902e, 786; 1902f, 258; 1905c, 37.—Siler, 1915, AJTDPM, 60–61.

(BOMBAY) Powell, 1908, JTMH, v. 11 (18), 282.

(BRAZIL) Padilla, Semana med., v. 22 (38); 1916, JAMA, v. 66 (6), 464; 1916, JTMH, v. 19 (6), 71.

(BRISBANE) JTMH, 1909, v. 12 (6), 91.

(BRIT. GUIANA) Daniels, 1898d, 13–18; 1898e, 878–880; 1899a, 398.—Wise, 1909c; 1910a, 137–138.—Wise & Minett, 1913, TDB, v. 2 (2), 93–96.

(CALCUTTA) Green, 1902a, 91–92; 1902b, 130–131 (in police force).

(CEYLON) Bahr, 1914, P, v. 7 (2), 128–134.

(CHINA) Mans., 1883b, 1–186, figs.

(COCHIN CHINA) Broquet & Montel, 1909, BSpE, v. 2 (1), 6–8; 1909, BIP, v. 7 (7), 310–311; 1909, RH, v. 31 (5), 487 (chez un Annamite).—Cruickshank & Wright, 1914, IJMR, v. 1 (4), 741–785, pls. 52–58.

(CONGO) Firket, 1895b, 669–685; 1896a, 791–792; 1897, NW, v. 12 (18), 211 (in negroes).

(CONGO-CAMEROUN) Ringenbach & Guyomarc'h, 1914, BSpE, v. 7 (7), 619–626.

(CUBA) Plasencia, 1903a, 17–20; 1903c, 793–794.

(DHARWAR) Forbes, 1838a, 215–225.

(FIJI) Bahr, 1912, JTMH, v. 15, 77–79; 1912, v. 8, 1–192; 1912, N, v. 89, 487; 1912, L, v. 182, v. 1 (19), 1280–1281; 1912, 1–200; 1912, TSTMH, v. 5 (4), 131–155. pls. 1–2 figs. 1–2b.—Boissière, 1904, JTM, v. 7 (22), 179–181; 1904, JAMA, v. 43 (2), 155; 1904, AMn, v. 2 (12), 139–140; 1905, AST, v. 9 (4), 179.—Brunwin, 1909, JTMH, v. 12, 365–370; 1910, CiB, v. 46 (16), 493–494.—Finucane, 1901a, 23–24; 1901b, 149; 1901c, 120.—Lynch, 1905a, 21–22.

(FORMOSA) Maxwell, 1908, JTMH, v. 11 (18), 282.

(FORT HANCOCK, N. J.) Knox, 1911, MS, v. 28 (6), 659–660; 1912, CiB, v. 54 (1), 5.

(FUKAMI, AMAKUSA, IN KRUSHU) Taniguchi, 1911, JRIID, 46–54.

(GERMAN S. SEA REGION) Fülleborn, 1912, AST, v. 16 (16), 533–547.

(GUADELOUPE) Léger & Le Gallen, 1914, BSpE, v. 7, 125–129.—Walther, 1912, BMSCP, v. 38 (1), 52–53.

(GUAM) Crow, 1910, JAMA, v. 55 (7), 595–596.

(HABANA) Finlay, 1882a, 40–51.

(HAUT-SÉNÉGAL ET NIGER) Leger, 1912, BSpE, v. 5 (8), 618–622, tables 1–3.

(INDIA) Mans., 1883b, 1–186, figs.

Filariasis in man—Continued.

Geographic distribution—continued.

- (INDOCHINA) Mathis, 1914, AHMc, v. 17 (1), 215-228; 1914, TDB, v. 4 (3), 125.—Mathis & Léger, 1910, BSPE, v. 3 (3), 142-145; 1910, Pm, b. 18 (24), 207; 1911, RPP, 229-253, tables.—Noc, 1908, BSPE, v. 1, 369-373.
- (ITALY) Gabbi, 1916, Pathologica, v. 8, 323-325; 1916, Malaria, v. 7, 301-304; 1917, TDB, v. 9, 280.
- (JAMAICA) Siler, 1916, AJTDPM, 448.—Wanhill, 1906a, 561-563; 1907a, 158.
- (JAPAN, S.) Kogawa, 1905, TIS, 565-583.
- (KAMERUN) Kûelz, 1908, AST, v. 12 (17), 547-577; 1909, CfB, v. 43 (9-12), 296-297.—Ziemann, 1905ll, 84; 1905oo, 272.
- (KARNAL DEPOT) Lingard, 1896b, 521-530.
- (LUZON, S.) Phalen & Nichols, 1908, PJS, v. 3 (4), 293-304, pls. 1-3 figs; 1909, HR, v. 19 (18), 1073-1074.
- (MARTINIQUE) Noc & Steueneel, 1913, BSPE, v. 6, 663-668.—Simond, Noc & Aubert, 1909d, 319-323; 1909e, 446; 1909, CfB, v. 45 (6), 176-177; 1909, BIP, v. 7 (24), 1088-1089.
- (M'BOMOU, AFRICA) Ouzilleau, 1913, BSPE, v. 6, 80-88; 1913, AHMc, b. 16, 307, 688; 1914, MmW, v. 61 (31), 1755-1756.
- (MOROCCO) Breeze, 1910, JTMH, v. 13 (22), 340-341.
- (NEW CALEDONIA) Lang & Noc, 1903a, 377-388; 1903b, 806; 1904a, 184-186; 1904b, 408; 1904c, 69-74; 1905a, 522.
- (NICARAGUA) Thornton, 1908a, 655-671; 1909a, 121.
- (NIGERIA) BMJ, 1901, v. 1 (2089), 98.—Foran, 1910, JTMH, v. 13 (4), 50, figs. 1-2 (Ikotekpen District, Southern Nigeria—50 miles from Calabar).
- (OUADAI) Motas, Jamot, & Robert, 1914, BSPE, 525.
- (PHILIPPINES) Low, 1909, JTMH, Sept. 1; 1909, BOiHp, v. 1 (7), 600; 1909, *ibid.*, v. 1 (11), 1159-1160.—Phalen & Nichols, 1909, PJS, v. 4 (2), 127-135; 1909, BIP, v. 7 (24), 1088; 1909, CfB, v. 45 (6), 177; 1909, JTMH, v. 12 (19), 300.—Walker, 1914, PJS, v. 9 (6), 483-491 figs. 1-5.
- (PORTO RICO) Ashford, 1903, MR, v. 64 (19), 724-728; 1903, AM, v. 6 (20), 798; 1903, NYMJ, v. 78 (20), 961; 1903, JAMA, v. 41 (21), 1298; 1904, AST, v. 8 (10), 475-476.
- (QUEENSLAND) Bancroft, 1910, AMG, v. 29, 233-234.—Jackson, 1908, AMG, v. 27, 344-350; 1910, AMG, v. 29, 231-233.
- (ST. KITTS, W. I.) Low, 1902m, 117-119; 1902n, 788; 1902o, 329.
- (SAMOA) Mans., 1896g, 1379.
- (SHINTO PERFECTURE, S. GIOSSHOGUN DISTRICT, JAPAN) Kurado, 1904, TIS, 2171-2176.
- (SICILIA) Famolari, 1915-16, Pathologica, v. 8, 222; 1916, Malaria, v. 7 (3), 141-145, pl. 1; 1916, TDB, v. 8 (8), 519; 1917, BIP, v. 15, 408-409.
- (SIERRA LEONE) Harvey, 1908, JRAMC, v. 11 (1), 1-23, figs.—Prout, 1902a, 879-881; 1902b, 528; 1902, JTM, v. 5, 317-319; 1904a, 139-140; 1905a, 37-38.
- (SOUDAN) Leiper, 1908, RWRL (3), 187-199, figs. 1-12.
- (SURINAM) Flu, 1911, 1-93, pls. 1-3.
- (TAYTAY) Nicholas, 1909, PJS, v. 4 (4), in 279-286, tables 1-3.
- (TONKIN) Mathis & Léger, 1909, BSPE, v. 2, 483-486; 1909, BIP, v. 7 (24), 1088; 1909, Pm, v. 17 (87), 775.
- (TRINIDAD, W. I.) Vincent, 1902a, 189-190; 1902b, 299; 1902c, 311; 1902d, 121; 1902e, 484; 1905a, 37.
- (THE TROPICS) Daniels, 1908, BMJ, v. 2, 338; 1908, *ibid.*, v. 2 (10), 741-743; 1908, *ibid.*, v. 2, 1359-1361, 1 char; 1908, MR, u. 74 (9), 383-385; 1908, JTMH, v. 11 (18), 280-281; 1908, MmW, v. 55 (37), 1957.—Low, 1908, L, v. 174, v. 1 (5), 279-281 (unequal distribution); 1908, JTMH, v. 11 (4), 59-66; 1908, MR, v. 73 (8), 323; 1908 BIP, v. 5 (15), 690-691; 1908, CfB, v. 42 (14-16), 499; 1908, HC, v. 4 (16), 486; 1908, TSTMH, v. 1, 84-109; 1909, HR, v. 19 (6), 352-353.—Sambon, 1908l, 282.—Ziemann, 1905z, 420-424, figs. 1-2 (in man and animals); 1905aa, 615; 1905bb, 238; 1905cc, 333-334; 1905dd, 773-774; 1905ee, 614; 1905ff, 634; 1905ll, 84; 1905mm, 1409; 1905oo, 272; 1906c, 191-192.

Filariasis in man—Continued.

Geographic distribution—continued.

(L'UELE, DISTRICT DE) Védy, 1906a, 928-930, 966-976, pl. 1; 1907a, 565.

(YAMANACHI, JAPAN) Yoshimura, 1913, MjGiM, v. 1 (4); 1914, CfB, v. 62 (9), 254.

Hæmato-chyluria: (BORDEAUX) Loumeau & Brandeis, 1912, GhSmB, v. 33, 570-572; 1912, JMB, v. 42, 716; 1912, Pm, v. 20 (105), 1070.

(EGYPT) Looss, 1905c, 152.

(FRANCE) Crevaux, 1872a, 1-64, fig. 1; 1872b, 1-62; 1874a, 165-178, fig. 1; 1875a, 172-179.

(LOND.) Cobbold, 1878h, 368.—MacKenzie, 1882a, 394-410, pls. 22-25; 1882b, 1-17, pls. 1-4; 1882c, 247-252; 1882d, 248.

(JAPAN) Taniguchi, 1904f, 492-500, figs. 1-3; 1904g, 476-477; 1904h, 218; 1904i, 654; 1904k, 345-346; 1905a, 69.

(MANILA) MacDill & Wherry, 1909, JTMH, v. 12 (16); 1909, CfB, v. 45 (6), 190.—Wherry & McDill, 1905a, 5-14, pls. 1-2, figs. 1-2, AC; 1905b, 412-420, pls. 13-14; 1905c, 778; 1906a, 365; 1906b, 773-774.

(MONTPELLIER) Houillier, 1893a, 1-129; 1894a, 825-826.

(U. S. A.) Wellman & von Adelung, 1910a, 1368-1370, figs. 1-2.

Hæmophilia: (U. S. A.) James, 1898a, 809-819, figs. 60-63.

Hæmoptysis: (NETHERLANDS) Beukema, 1884a, 561-563.

Hydrocele: (HABANA) Garcia, 1904, CmQH, v. 30, 119-123.

(INDIA) Calvert, 1903, IMg, v. 38 (5), 180.

(PARIS) Le Dentu, 1884a, 800-818; 1885a, 1-18.

Infantile: (FRANCE) Marotte & Morvan, 1912, Pm, v. 20 (86), 868; 1912, Pv, v. 25 (20-21), 778-779.

Infectivity: (AUSTRALIA) Nisbet, 1915, MJ, v. 1 (20), 449; 1916, TDB, v. 7 (6), 362.

Inguinal Lymph node: (NEW YORK) Crowell, 1910, PNYPS, v. 10 (3-4), 86-87.

Kalabar-Kamerun-swelling: (DEUTSCHLAND) Kûelz, 1908, AST, v. 12 (13), 437-439; v. 13, 329-330; 1908, BkW, v. 45 (33), 1543; 1908, CfB, v. 42 (14-16), 500.

(GR. BRIT.) Kerr, 1904a, 195-196; 1904, AMn, Roma, v. 2 (5), 613-614; 1905a, 181; 1905b, 474.—Mans., 1910, TSTMH, v. 3, 244-256; 1910, JTMH, v. 13 (6), 94-95.

(U. S. A.) Leys, 1913, RHMS, v. 2, 577.

Leprosy: (LONDON) Bancroft, 1880a, 285-286.—Cobbold, 1879d, 175.

Lymphangiectasis: (FRANCE) Bouglé & Cornil, 1902, BMSa, v. 4 (6), 611-618, figs. 1-3; 1903, WkW, v. 16 (2), 54-55.—du Castel & Bourgeois, 1917, Pm, v. 25, 323.—Robert, 1891a, 174; 1891c, 137-139.

(INDIA) Maitland, 1902a, 188-189; 1902b, 298-299; 1902c, 311 (operative treatment).

Lymphangitis: (BOMBAY) Milne, 1831a, 112-116.

(BRAZIL) Silva Lima, 1889a, 491-502, 541-551; 1899a, 448-458, 502-513 (cases).

(BRIT. GUIANA) Low, 1902a, 1-9; 1902, JTM, v. 5, 255-256.

(EGYPT) Looss, 1905c, 148, 149.

(INDIA) Maitland, 1897a, 903, fig. 1.

(LONDON) Mans., 1903e, 578.

(MARTINIQUE) Noc & Stevenel, 1913, BSPe, v. 6, 663-668.

(PARIS) Baur & Cervera, 1913-14, Pm, v. 15, 226-231.

(PORTO RICO) Martinez, 1914, JAMA, v. 62 (21), 1622-1624.

Lymphatic varix: (EGYPT) Looss, 1905c, 154.

(FRANCE) Robert, 1891b, 71.

(LONDON) Eve & Barnard, 1899a, 1362-1363, figs. 1-2.—Mans., 1901i, 281.

(U. S. A.) Opie, 1901a, 251-266, pl. 1; 1901b, 722.

Lymph scrotum: (BRAZIL) Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.

Filariasis in man—Continued.

Lymph scrotum—continued.

(CANADA) Primrose, 1902a, 516; 1902b, 528; 1903a, 1262–1265, figs. 1–5; 1903b, 287; 1903c, 870; 1903d, 1106; 1904a, 164–165; 1904b, 227; 1904c, 461–462.

(DEUTSCH-OSTAFRIKA) Schönebeck, 1913, MBdS, 251.

(EGYPT) Looss, 1905c, 150, 151.

(LONDON) Cobbold, 1878h, 370.—Mans., 1881h, 285–302; 1882e, 616–617; 1882f, 193–195.—Young, 1897a, 1037–1039.

and mosquitoes: (AUSTRALIA) Bancroft, 1899a, 120; 1903, AMG, v. 22 (6), 251–252; 1903, JAMA, v. 41 (8), 524.

(DEUTSCHLAND) Fülleborn, 1907, AST, v. 11 (20), 635–643; 1907, MmW, v. 54, 497, 2498; 1908, BIP, v. 6 (2), 91–94; 1908, JRAMC, v. 10 (2), 213–214; 1908 Rmt, v. 1 (1), 6–7; 1908, HC, v. 4 (3), 90–91; 1908, CfB, v. 41 (19–21), 665; 1908, JTVS, v. 3 (3), 416–418; 1908, HR, v. 18 (18), 1127–1128; 1908, AST, v. 12 (9), 357–388, figs. 1–3, pls. 1–7 figs. 1–132; 1909, BIP, v. 7 (7), 306–310; 1909, MmW, v. 56 (14), 732; 1909, CfB, v. 43 (9–12), 346–347.

(FRANCE) Freyssinge & Nev.-Lem., 1901, BSPE, v. 3, 81–92, figs. 1–12.

(HABANA) Espin, 1910, SyB, v. 4 (2–4), 288–368, figs. 12–33; (5–6), 595–660, figs. 34–36.—Lebrede, 1904c, 171–172; 1904d, 172–173; 1905a, 236.

(KÖNIGSB.) Braun, 1906a, 286–287.

(LOND.) Cobbold, 1878c, 366.—Kennard, 1900a, 754.—Mans., 1880b, 379.—Smith, 1905d, 140.

(NEW YORK) Cumston, 1904, NYMJ, v. 79 (7), 313–314.—Med. Rec., 1900, v. 58, 342.

(QUEENSLAND) Jackson, 1911, JTMH, v. 14 (18), 280 (*Culex fatigans*, *Mansonia uniformis*).

(SAN FRANCISCO) Wellman, von Adelung & Eastman, 1910a, 217–218.

Natality: (PARIS) Marotte & Morvan, 1913, AdP, v. 16 (2), 306–313.

Oedema: (EGYPT) Looss, 1914, HdT, v. 2, 474.

(FRANCE) Billet, 1906, CrSB, v. 60, 1151–1153; 1906, BIP, v. 4 (17), 725.—Livon & Penaud, 1906, CrSB, v. 61 (35), 510–512; 1907, BIP, v. 5 (2), 83; 1907, JTVS, v. 2 (2), 244–245.

Orchitis: (EGYPT) Looss, 1905c, 153.

(LOND.) Mans., 1903e, 596.

(PARIS) Maucilaire, 1912, BMSCP, v. 38, 62–64; 1912, AgC, v. 6 (5), 497–620; 1912, Pm, v. 20 (5), 55.

Papulose: (PARIS) Nielly, 1882e, 345–346.—Rochard, 1882a, 581–584; 1882b, 488–489.

Pathogenesis: (JAPAN) Katsurada, 1904a, 1325–1432.

Pathology: (LOND.) Mans., 1882g, 11–14; 1883e, 189–190.

Pellagra: (ITALY) Aless., 1910, AIs, v. 20, 393–430; 1910, PoL, v. 17 (26), 803–834; 1910, JAMA, v. 55 (5), 447, 448.

Periodicity of Fil.: (LOND.) Mackenzie, 1881a, 398.—Mans., 1881i, 239–248, pl. 19; 1882a, 63–68, chart 1; 1899f, 644–646; 1899g, 386; 1899h, 253; 1899i, 318; 1899k, 598; 1900a, 188–190; 1900b, 56–57.—Myers, 1887d, 1394–1395.—Whyte, 1909a, 175–183, 1 map (eosinophilia); 1909b, 175; 1909e, 600–601; 1910a, 97.

Prevalence: (CHARLESTON, S. C.) Johns., 1915, SMJ, v. 8, 63–65; (7), 557–648; 630–634; 1915, TDB, v. 6 (6), 307.

(EGYPT) Sons., 1882e, 569–573.

(FIJI) Lynch, 1905a, 21–22; 1905b, 405; 1905c, 420; 1905d, 99–100.

(INDIA) Calvert, 1903, IMG, v. 38 (5), 180.

(LAGOS) Connal, 1912, JTMH, v. 15, 5–9.

(PHILIPPINES) Phalen & Nichols, 1909, PJS, v. 4 (2), 127–135, 1 map.

Prevention: (AUSTRALIA) Bancroft, 1912, AMG, v. 31 (4), 80; 1912, JTMH, v. 15, 92–93.

(EGYPT) Looss, 1905c, 166.

(SANTA VICTORIA DE PALMAR) Bassewitz, 1905, AST, v. 9 (5), 219–226; 1906, HR, v. 16 (12) 660.

(W. INDIES) Low, 1901–02a, 134–150; 1912, JTMH, v. 15 (6), 91–92.

Filariasis in man—Continued.

- Prognosis: (EGYPT) Looss, 1905c, 166.
- Röntgen-tables: (PARIS) Babinski & Gautier, 1914, Rn, v. 22, 856.
- Röntgen rays: (MANILA) McDill & Wherry, 1904a, 3.
- and schistosomiasis: (NEW YORK) Rosenberger, 1915, NYMJ, v. 102 (18), 883-884.
- (EGYPT) Sons., 1882e, 569-573.
- Skin diseases: (IRELAND) Burke, 1886c, 318-319.
- Sleeping sickness: (FRANCE) [Bettencourt, 1903, ICHD (13), v. 8, 1-29].
- (LOND.) Crombie, 1902, JTM, v. 5, 343-344.—Sambon, 1903b, 201-209, figs. 1-4.
- (PARIS) Rouget, 1902a, 198-200, figs. 1-3 (Fil. demarquayi).
- (UGANDA PROTECTORATE) Hodges, 1902b, 293-300, pls. 1-2.
- (VICTORIA NYANZA) Christy, 1903, JTM, v. 6 (21) 343-344; 1904, AHMc, v. 7 (2), 302-303.
- (W. INDIES) Rat, 1902a, 385.
- Symptoms: (INDIA) Maitland, 1897b, 1483 (surgical); 1898b, 321-322, 361-362; 1899a, 399.
- (JAPAN) Hara, 1903a, 29-32; 1904a, 460.
- (LOND.) Hatch, 1897, L, 929-930.
- (MEXICO) Nuñez, 1906a, 82-86, 106-109, 124-133, 155-158, 171-176, 196-201, 221-224, 243-247, 269-272, 290-295, 343-347, figs. 1-29.
- (NEW YORK) Stokes, 1911, MR, v. 79 (4), 142-145; 1910, USNMB, v. 4 (3), 318-324.
- (PHILA.) Anders, 1903a, 1256.
- Treatment: (CINCINNATI) French, 1896a, 648.
- (KAMERUN) Waldow, 1909a, 182-184; 1909b, 687; 1909c, 158; 1909d, 2235.
- (LOND.) Crombie, 1892a, 366.—Mans., 1892a, 765-766.
- (PARIS) Nielly, 1882e, 345-346.
- (SOUTH SEA) Leber, 1912, AST, v. 16 (4), 441-443; 1912, AST, v. 16 (8), 267; 1912, DmW, v. 38 (17), 831; 1914, AST, v. 18, 454-463.
- (U. S. A.) Anders, 1903a, 1257.
- , aniline, emetic: Thiroux, 1910, BSpE, v. 3 (3), 202-203.—Thiroux & D'Anfreville, 1910, BSpE, v. 3 (6), 407-409; 1910, Pm, v. 18 (49), 460.
- , anthelmintics: Looss, 1905c, 166 (useless).
- , arseno-benzol: Le Dantec, 1912, BSmlC, v. 3, 296-298 (intravenous injections).
- , atoxyl: Lemoine, 1909, BMSmH, v. 26, 80-83; 1909, Bm, v. 23, 78; 1909, Pm, v. 17 (8), 70.—Muda, 1914, ZI, v. 8 (10), 1101.—O'Brien, 1908, JTMH, v. 11 (10), 150; 1908, MmW, v. 55 (39), 2058; 1908, CfB, v. 42 (14-16), 553; 1909, HR, v. 19 (6), 353; 1909, JTMH, 123.
- , dioxidyamidoarsenobenzol: Barnes, 1913, MCMB, v. 6, 1-7; 1913, TDB, v. 2 (2), 97; 1913, AST, v. 17 (21), 760; 1913, TATS, v. 13, 156-162; 1913, CfB, v. 58 (10), 297.
- , Ehrlich-Hata: Fülleborn, 1911, MmW, v. 58 (10), 516; (15), 803.—Reichmann, 1910, MmW, v. 57, 2291-2293, figs. 1-4.
- , methylene blue: Flint, 1895a, 737-739.
- , neosalvarsan: Morlot & Zuber, 1914, CrSB, v. 77 (27), 475-476.
- , pepper: Aiyar, 1916, BMJ, v. 1, 508.—Robertson, 1915, BMJ, v. 2, 535.
- , phenokoll: Werner, 1914, AST, v. 18 (8), 284-285.
- , potassium iodide: Lockwood, 1901a, 825.
- , radium: Warden, 1909a, 224-225; 1909b, 282; 1909c, 358; 1909d, 240-241; 1909e, 1405.
- , salvarsan: Best, 1914, 376.—Branch, 1913, JTMH, v. 16, 364-365, fig. 1.—Cottle, 1912, USNMB, v. 6 (1), 84-87.—McNaughton, 1916, JTMH, v. 19 (21), 249-250.—Werner, 1911, AST, v. 15 (4), 129-130; 1911, MmW, v. 58 (29), 1580.
- , surgical: Looss, 1905c, 152.—Magal., 1892e, 524-528.—Maitland, 1902a, 188-189; 1902b, 298-299; 1902c, 311.—Thieme, 1914, AST, v. 18 (23), 777-790, figs. 1-9, pls. 9-11 figs. 1-18.—Pick, 1905b, 1172.
- , thymol: Anders, 1903a, 1257.—Mans., 1893f, 387-388.

Filariasis in man—Continued.

Treatment, Wherry-McDill method: von Adelung, 1911, CSJM, v. 9 (1), 27-28.

Tumor: (DEUTCHLAND) Rodenwaldt, 1909, AST, v. 13 (10), 332.

Ulcer of the liver: (JAPAN) Uchida, 1905-06a, 187-192.

Varicocele, lymphatic: (HARRI) Audain, 1898, 1-27; 1902, 1-118.

(INDOCHINA) Le Roy des Barres, 1913, BSMcIC, v. 4, 448-450; 1914, TDB, v. 3 (6), 316.

Varicose groin glands (helminthoma elasticum): (EGYPT) Looss, 1905c, 151.

(LOND.) Eve & Barnard, 1899a, 1362-1363, figs. 1-2.—Young, 1897a, 1037-1039.

Variola (simulating): Azevedo Sodre, 1905, 441.

FILARIATA Skrj., 1915, VOv, 131; 1916, 463, 542 (suborder) (contains Filariidæ).

FILARIDÆ Cobbold, 1879b, 5.—R. Bl., 1895, 746.—Bos, 1894a, 218.—Braun, 1895b, 219.—Campb. & Lacr., 1907, 80.—Cast. & Chalm., 1910a, 406; 1913a, 521.—Daniels, 1898e, 879-880 (embryos and adults in man; Brit. Guiana).—Leprie, 1898a, 56.—Nev.-Lem., 1904a, 97; 1906a, 289; 1908a, 418; 1912a, 651.—Roger, 1901a, 95.—Schneidem., 1896a, 306.—Stiles, 1907b, 38.—Stoss., 1898c, 92.

FILARIDEA Carus, 1863, v. 2, 461 (fam. contains Fil., Filaroides, Gongylonema).—Cast. & Chalm., 1910a, 406; 1913a, 521.—Stiles, 1907b, 34, 38.

FILARIDES Assenova, 1899, 104.—Stiles, 1907b, 38.

FILARIDIA Raf., 1815a, 151 (subf. of Ascaridia, contains Amphist., Capsularia, Cap., Cucullanus, Crinola, Crino, Dist., Distomopsis, Dycotophymus, Echi-ramphus (Echinorinchus), Fil., Fissula, Fus., Festucaria, Hærucula, Hæruca, Mastigodes, Monostomeus, Ophiost., Planaria, Proboscideus, Str., Trichoc., Unc.).

FILARIIDÆ Claus, 1885a, 295.—Bauche & Bernard, 1912, v. 5, 622-624.—Braun, 1895b, 212-213; 1903a, 260; 1906a, 274, 282.—Cast. & Chalm., 1910a, 406, 447.—Daniels, 1910a, 76, 102; 1914a, 74, 79.—F., S., & T., 1916a, 390.—Hall, 1916a, 179, 191; 1916b, 519.—Kholodk., 1899a, 179.—Looss, 1892a, 90; 1905, 147.—Mordw., 1908, v. 13 (1-2), 191.—Rail., 1898b, 173; 1915, IVC, 747, 749.—Rail. & Henry, 1909a, 85; 1911, 576, 578; 1912, v. 5, 115-118.—Rans., 1904a, 20, 30, 31, 38, 40, 41; 1911 (127), 14, 19, 20, 23, 24, 99-100, 103 (fam. contains Fil., Gongylonema, Spiropt.).—Rollest., 1888a, 686.—Seur., 1914, Dec. 11, 527; 1916, 143.—Shipley, 1896a (1901b), 147.—Skrj., 1915, VOv, 138; 1916, 542-543; 1916, 83; 1917, P, 478, 480.—Sl. & Sw., 1912a, 312, 348.—Stiles, 1892e (f), 143-147 (1-5), figs. a-b (in cattle, horse); 1907a, 10; 1907b, 38, 48, 50.—Verdun, 1907a, 321.—Ward, 1916, 681-682.

FILARIINÆ Stiles, 1907b, 38, 39, 40.—F., S., & T., 1916a, 390.—Hall, 1916a, 179, 188; 1916b, 519.

FILARINA Hamm., 1838a, 352 (mt. vitrea).

vitrea Hamm., 1838a, 351-358, pl. 4 figs. a-b (in Trichius hemipterus; by Hamm.).

—Crep., 1846b, 157.—Sieb., 1839, 157.—Stiles & Hass., 1905b, 107.

FILARIOIDEA Weinel., 1858a, 90 (fam. contains Fil.); 1859, 284.—Hall, 1916a, 6, 40, 64, 178-179, 190, 199, 223, 224; 1916b, 519.—Stiles, 1907b, 38 (superfam. contains Filariidæ).

Filariöse (vide Filariasis).—Simon & Noc, 1909d, 319-323.—Brochard, 1910, v. 3 (9), 609-613, 1 table.—Brumpt, 1910a, 441.—Guiart, 1910a, 454, 522, 551.—Thézé, 1916, BSpE, 464-466.

Filariosis (vide Filariasis).—Hut. & Mar., 1913a, 929.

hæmatica Hut. & Mar., 1913a, 929.

hématique Lavault, 1896a, 162-163 (in dog).

FILARIU Magal. in Silva Lima, 1877, GmB, Dec. 1, 544 (misprint for Filaria).—Stiles, 1907b, 36.

sanguinis hominis (Lancet, 1872) Magal., in Silva Lima, 1877, 544.

Filaroide Ben., 1858a, 267 [for Filaroides?].

FILAROIDES Ben., 1858a (1861a), 267-269 (mt. mustelarum [pumonalis]).—Carus, 1863 461.—Rail & Henry, 1912, 566.—Stiles, 1907b, 31.—Stiles & Hass., 1905b 107.

mustelarum (Rud., 1819) Ben., 1858a, 1861a, 267-269, pl. 23 figs. 1-20 (s. Gord. bronchialis) (in fouine, martre, putois; Europe); 1878a, 278 (mustellarum).—Carnoy, 1886b, 28-30, 49, 53, 68, 73, 76, 77, 80, pl. 6 figs. 173-180 (in belette, putois); [1887b], 297, 298, 300.—Cobbold, 1879b, 298.—Færster, 1914, 3.—

FILAROIDES—Continued.

mustelarum—continued.

Land., 1897a, 92, 93.—Leuck., 1879a, 183; 1886d, 143.—Linst., 1873, 300-305, pl. 13 figs. 9-16; 1874b; 135-136, pl. 4 figs. 10-12; 1903, 269.—Lorenz, 1890, 70.—Mueh., 1898, 51-52.—Neum., 1892o, xxx-xxxi.—Seur., 1916, 357.—Stoss., 1897b, 127-128 (115-116) (s. Asc. bronchialis, Fus. bronchialis, Fil. mustelarum pulmonalis).—Weyenbergh, 1868a, 428-434, pl. 16 figs. 1-10.—Woodworth, 1897a, 234-235 (in skunk; U. S. A.).—Also reported for *Fœtorius putorius*, *F. vulg.*, *Lutra vulg.*, *Mustela erminea*, *M. foina*, *M. martes*, *M. putorius*.

ovipis (Duj., 1845) Rail., 1915, RMv, 505 to *Crenosoma* (*Filaroides*?) (in *Canis* fam.).

FILERARIA Cast. & Chalm., 1910a, 408 (misprint for *Filaria*).

FILIARIA Camp. & Lacr., 1907, 81 (misprint for *Filaria*).

cervina (Duj., 1845) Camp. & Lacr., 1907, 81.

FILIARIS JMV, Par., 1826, v. 3, 167, 168 (for *Filaria*).—Stiles & Hass., 1905b, 107.

FILICOLLIS Lühe, 1911a, 10, 11, 30-31 (tat. anatis Schrank=*filicollis*).—Gedœlst, 1911a, 136, 137.

anatis (Schrank, 1788) Lühe, 1911a, 29, 31-35, figs. 38-44 (in *Anas acuta*, *A. boschas*, *A. b. dom.*, *A. crecca*, *A. penelope*, *A. sponsa*, *Anser anser dom.*, *Colymbus nigricans*, *Cygnus cygnus*, *C. olor*, *C. o. dom.*, *Fulica atra*, *Gallinula chloropus*, *Mergus merganser*, *M. serrator*, *Nycticorax nycticorax*, *Nyroca clangula*, *N. ferina*, *N. fuligula*, *N. hyemalis*, *N. marila*, *N. nyroca*, *N. rufiga*, *Oidemia fusca*, *O. nigra*, *Ortygometra porzana*, *Somateria mollissima*, *Spatula clypeata*, *Sterna minuta*, *Tadorna tadorna*, *Totanus stagnatilis*).—Fiebiger, 1912a, 306.—Gedœlst, 1911a, 137, fig. 183.—Van Cleave, 1916, 131, pl. 18 figs. 1-3, 1916, 229.

botulus Van Cleave, 1916, TAMS, v. 35 (2), 131-134, pl. 18 figs. 1-9 (in *Somateria mollissima*; Maine); 1916, 229.

FILIRIA Assmuss, 1865, 52 (misprint for *Filaria*).

succineæ (Dies., 1851) Assmuss, 1865, 52 (so. *Mermis albicans*).

FILOCAPSULARIA Deslgch., 1824q, 398-400 (mt. communis).—Baird, 1853a, 4 (so. *Filaria*).—Criv., 1845a, 5.—Stiles, 1907b, 40, 48.—Stiles & Hass., 1905b, 107.

communis Deslgch., 1824q, 399-400 (in fish).—Criv., 1845a, 5.—Fourm., 1882, 840.—Stiles, 1907b, 48 (s. *Spiropt. hominis*) (in fish).

FILOCAPSULARIS Cast. & Chalm., 1910a, 408 (misprint for *Filocapsularia*).

FILORIA Nordm., 1832, 11 (misprint for *Filaria*).—Calmette, 1884a, 456.—Stiles, 1907b, 36.—Stiles & Hass., 1905b, 107.

papillosa (Rud., 1802a) Nordm., 1832a, 11-13 (in eye of horse).

sanguinis hominis (Lancet, 1872) Calmette, 1884a, 456.

FIMBRIA Cobb, 1894c, 420-421 (mt. tenuis) [not *Fimbria Bohadsch*, 1761, mollusk; Meg., 1811, mollusk; Risso, 1826, mollusk; Belon, 1896, insect].—Stiles & Hass., 1905b, 107.

tenuis Cobb, 1894c, 420-421, fig. 14 (Isl. of Ceylon).—Shipley, 1901b, 157.

FIMBRILLA Cobb, 1905, in Stiles & Hass., 1905b, 107 (tod. *tenuis*). (*Fimbria* Cobb renamed).

tenuis (Cobb, 1894) Cobb, 1905, in Stiles & Hass., 1905b, 107.

FISSULA Lam., 1801a, 339 (tsd. *Cystidicola farionis*); 1816, 210 (see *Cystidicola*, *Ophiost.*).—Blainv., 1824a, 514.—Bosc, 1802a, 37-38.—Crep., 1846e, 386.—Encycl. méth., Par., 1824, v. 2, 400.—Nordm., 1840, 656-657.—Raf. 1815a, 151 (g. of *Filaridia*).—Stiles & Hass., 1905b, 107.

cystidicola Lam., 1801a, 339 (*Cystidicola farionis* renamed); 1816, 211 (s. C.).—Bos, 1802a, 39, pl. 12 fig. 2.—Nordm., 1840, 657-658 (s. *Ophiost. lepturum*).—Rud., 1809a, 122.—Stiles & Hass., 1905b, 107.

intestinalis (Bloch, 1782) Lam., 1801a, 339.—Bosc, 1802a, 38.—Stiles & Hass., 1905b, 107.

mucronata (Rud., 1809) Lam., 1816, 211.—Baird, 1853a, 32 (to *Ophiost.*).—Duj., 1845a, 273 (to O.).—Kolenati, 1857, 13.—Nordm., 1840, 657.

phocæ (Fabr., 1780) Lam., 1816b, 211 (s. *Ophiost. dispar*, *Asc. bifida*) (in *Phoca*).—Nordm., 1840a, 657 (s. O. d., A. b.).

FOXOCEPHALI Criv., 1845a, 7 (quotes Brera) (a qual genere riporta il Gordio aquatico).

FURIA Linn., 1758a, 644, 647 (mt. infernalis) [not Furia Cuv., 1828, mammal].—Bosc, 1802a, 196–198.—Herbst, 1788a, 14, 19; 1789a, 121.—Lam., 1801a, 327.—Modeer, 1795a, 143–167.—Pall., (1760a) 1768a, 255–256.—Solander, 1773a, 44; 1774a, 556–557.—Stiles & Haas., 1905b, 108.

infernalis Linn., 1758a, 644, 647 (habitat in Botniæ Sveciæ Septentrionalis paludosis).—Baer, 1828b, 25–30; 1828c, 230.—Blanch., 1889d, 708.—Brooke, 1827a, 39–43; 1827b, 497–501.—Dungl., 1895a, 463 (in Homo; Sweden) [vermiform insect Sweden—malignant anthrax].—Guthrie, 1799a, 398–400 (in H.; Russia).—Hagen, 1790a, 1–22.—Herbst, 1789a, 121.—Lam., 1801a, 327.—Looss, 1892a, 5; 1899b, 528; 1902m, 765.—Moq.-Tand., 1860, 394.—Pall., 1781b, 116.—Solander, 1773a, 44–58; 1774a, 556–557; 1777a, 183–204.—Stiles, 1907, 526 (spurious parasite); 1914, MM, v. 2, 218.—Stiles & Haas., 1905b, 108.—, 1781, v. 4, 308, 309.

medinensis (Linn., 1758) Modeer, 1795a, 153 (*Furia vena medinensis*).—Dies., 1851a, 270 (to Fil.).—Dungl., 1893, 463.—Rud., 1808a, 172; 1809a, 55.—Stiles, 1907b, 39.

vena medinensis (Linn., 1758) Modeer, 1795a, 153.

FUSARELLA Seur., 1916, CrSB, 67–68 (tod., vermicularis).—Hall, 1916a, 65, 225 (so. Oxyuris).—Rail, 1916, CrSB, 114 (so. Enterobius).

vermicularis (Linn., 1758) Seur., 1916, 68, fig. 1.—Hall, 1916a, 225 (to Enterobius).

FUSARIA Zed., 1800a, 6, 16–68 (Asc. renamed, hence type lumbricoides); 1803a, 43, 93–125.—Blainv., 1824a, 518 “fusaire, ce sont les filaires, dont la bouche est pourvue de tubercules, comme le F. coronata, R.”—Encycl. méth., Par., 1824, v. 2, 427.—Hall, 1916a, 40.—Looss, 1902m, 755.—Raf., 1815a, 151 (g. of Filaridia).—Rans., 1911 (127), 24 (so. Asc.).—Schneid., 1866a, 12.—Stiles, 1905y, 24; 1914, MM, v. 2, 223.—Stiles & Haas., 1899a, 103, 152; 1905b, 108.

acuminata (Schränk, 1788) Zed., 1800a, 22, 47–48 (in Rana arborea, R. temp.; by Gœze); 1803a, 105 (in R. a., R. t.).—Dies., 1851a, 152 (to Asc.).—Rud., 1809a, 136 (to A.).

acus (Bloch, 1779) Zed., 1800a, 39–40 (s. Asc. subulata) (in Hechte); 1803a, 104, pl. 2 figs. 1–3.—Dies., 1851a, 186 (to A.).—Rud., 1809a, 150 (to A.).

acutissima Zed., 1800a, 22, 51 (in Sciurus vulg; by Zed.); 1803a, 108–109.—Dies., 1851a, 173 (to Asc.).—Hall, 1916a, 67 (to Oxyuris).—Rud., 1809a, 156 (to A.).

adiposa (Schränk, 1790) Zed., 1803a, 110 (in intest., adeoque in cavo abdominis postice acuta, nec acuminata).—Dies., 1851a, 203 (to Asc.) (in Esox lucius).—Rud., 1809a, 203 (to A.).

adunca (Rud., 1802a) Zed., 1803a, 104 (in intestino crasso Clupeæ alosæ).—Dies., 1851a, 171 (to Asc.).—Rud., 1809a, 134 (to A.).

apri (Gmel., 1790) Zed., 1803a, 118 (in apri pulmone).—Dies., 1851a, 317–318 (so. Str. paradoxus).—Rud., 1809a, 246 (so. Str. suis).—Stoss., 1899, 90 (so. S. p.).

aquilæ (Gmel., 1790) Zed., 1803a, 118 (in Falconis chrysaeti intestinis).—Baird, 1853, 6 (so. Fil. attenuata).—Rud., 1809a, 70 (to Fil.).

argentinx (Gmel., 1790) Zed., 1803a, 124 (in Argentina).—Dies., 1851a, 341 (so. Nematodeum argentinx-sphyrænæ) (in Scopelus humboldtii).—Rud., 1810a, 282 [Dubium argentinx-sphyrænæ]. 379.

aucta (Rud., 1802) Zed., 1803a, 111 (in intestinis Blennii vivipari).—Dies., 1851a, 161 (to Asc.).—Rud., 1809a, 176 (to A.).

brevicaudata Zed., 1800a, 23, 66–68, pl. 5 figs. 1–6 (in intest. Ranae buffonis); 1803a, 113.—Dies., 1851a, 153 (so. Asc. acuminata).—Lane, 1915, 114.—Rail, & Henry, 1916, CrSB, 249.—Rud., 1809a, 166 (to A.).

bronchialis (Gmel., 1890) Zed., 1803a, 116 (in martis pulmonibus).—Duj., 1845a, 47, 116.—Mol., 1858a, 162 (so. Fil. mustelarum (pulmonalis)); 1858c, 419 (so. F. m. (p.)).

collaris (Rud., 1802) Zed., 1803a, 108 (in intest. Pleuronect. maximi).—Dies., 1851a, 177 (to Asc.).—Rud., 1809a, 184 (to A.).

compar (Schränk, 1790) Zed., 1803a, 110 (in intest. crassis Tetraonis lagopodis).—Dies., 1851a, 170 (to Asc.).—Duj., 1845a, 218 (to A. (Ascaridia)).—Fiebiger, 1912a, 302.—Hass., 1896a, 5 (to Het.).—Mol., 1361c, 287 (to Asc.).—Nordm., 1840, 656 (to A.).—Rail, 1893a, 408 (to H.).—Rud., 1809a, 161 (to A.).

FUSARIA—Continued.

- convoluta* Zed., 1803a, 106 (in ventriculo Talpæ copiosissima inter semidigestos lumbricos) (s. Asc. talpæ 1790).—Hall, 1916a, 199 (so. Spirura talpæ); 1916, RMv, 520.—Rud., 1809a, 193 (so. A. strumosa).
- coraciæ* (Gmel., 1790) Zed., 1803a, 119 (sub cute jugulari pone aures Coraciæ garulæ).—Rud., 1809a, 65 (so. Fil. coronata).
- cornicis* (Gmel., 1790) Zed., 1803a, 118 (in cornicis ventriculo).—Rud., 1809a, 196 (to Asc.).
- crenata* Zed., 1800a, 21, 40–41 (in intestinis Sturni vulg.; by Zed.); 1803a, 104.—Dies., 1851a, 185 (to Asc.).—Rud., 1809a, 146 (to A.).
- cuneiformis* Zed., 1800a, 22, 54–55 (in Cyprinus sp.; by Zed.); 1803a, 111.—Dies., 1851a, 163 (to Asc.).—Rud., 1809a, 177 (to A.).
- cygni* (Gmel., 1790) Zed., 1803a, 119 (in intestinis cygni).—Rud., 1809a, 71 (to Fil.).
- dentata* Zed., 1800a, 22, 54 (in Cyprinus barbus; by Zed.); 1803a, 109.—Dies., 1851a, 166 (to Asc.).—Rud., 1809a, 160 (to A.).
- depressa* Zed., 1800a, 21, 37–38 (in intestinis Falconis albicillæ; by Zed.); 1803a, 109.—Dies., 1851a, 157 (to Asc.).—Mol., 1861c, 281 (to A.).—Rud., 1809a, 143, (to A.).
- dispar* (Shrank, 1790) Zed., 1800a, 22, 52–53 (in cæcis Anatis anseris).—Dies., 1851a, 149 (to Asc.).—Mol., 1861c, 292 (to Het.).—Rail., 1893a, 403 (to H.).—Rud., 1809a, 157 (to A.).
- ensicaudata* Zed., 1800a, 21, 38–40 (in intestinis Turdi merulæ; by Zed.); 1803a, 104.—Dies., 1851a, 184 (to Asc.).—Rud., 1809a, 145 (to A.).
- falcata* (Linst., 1906) Lane, 1915, IJMR, 114.
- farionis* (Gmel., 1790) Zed., 1803a, 123 (in intestinis farion.).—Dies., 1851a, 178 (so. Asc. obtusocaudata).—Rud., 1809a, 202 (so. A. truttæ).
- filicollis* (Rud., 1802) Zed., 1803a, 110 (in duodeno ovium).—Dies., 1851a, 318–319 (to Str.).—Rans., 1911 (127), 82 (to Nematodirus).—Rud., 1809a, 217 (to Str.).—Stoss., 1899, 72 (to S.).—Ward, 1895a, 336 (to S.) (in Ovis aries).
- frugilegi* (Shrank, 1790) Zed., 1803a, 109 (in intest. Corvi frugilegi).—Dies., 1851a, 192 (so. Asc. corvi frugilegi).—Rud., 1809a, 197 (to A.).
- fuligulæ* (Gmel., 1790) Zed., 1803a, 119 (in Anatis fuligulæ interæis).—Dies., 1851a, 193 (to A.).—Rud., 1809a, 197 (to A.).
- globicola* (Fabr., 1780) Zed., 1803a, 122 (nuda et globulo inclusa in Gasterosteo aculeato, ventriculi cuti exteriori adhærens).
- gobionis* (Shrank, 1788) Zed., 1803a, 124 (ca. Cyprin. gobionis hepar).—Rud., 1809a, 60 (so. Fil. ovata).
- hirci* (Gmel., 1790) Zed., 1803a, 117 (in hirci intestinis).—Rud., 1810a, 265 (so. Vermis dubius antilopes); 1819a, 186 (so. Nematodeum antilopes).
- hoffmanni* Zed., 1800a, 23, 59–60 (in intest. piscis marini, quem Batavi Darboth vocant; ? Holland); 1803a, 112.—Dies., 1851a, 177 (so. Asc. collaris).—Rud., 1809a, 184 (so. A. c.).
- incisa* (Rud., 1802) Zed., 1803a, 108 (gregaria membranæ inclusa in adipe peritonæi Talpæ europææ).—Dies., 1851a, 165 (to Asc.).—Rud., 1809a, 163 (to A.).
- inflexa* Zed., 1800a, 21, 36–37 (includes Asc. anatis, 1790) (in intestinis Anatis domesticæ et boschatis); 1803a, 103.—Rud., 1802a, 17; 1803, 9 (? so. A. perspicillum); 1809a, 133 (to A.).
- lacertæ* (Gmel., 1790) Zed., 1803a, 121 (in Lacertæ palustris intestinis).—Rud., 1809a, 199–200 (so. Asc. lacertæ-palustris).
- lacustris* (Linn., 1767) Zed., 1803a, 122–123 (in intestinis Gasterostei aculeati Lucii hepate).—Dies., 1851a, 201 (so. Asc. gasterostei).—Rud., 1809a, 201 (so. A. g.).
- lancea* Zed., 1800a, 23, 60–62 (in intestinis Turdi iliaci et pilaris; by Zed.); 1803a, 112.—Dies., 1851a, 184 (so. Asc. ensicaudata).—Rud., 1809a, 192 (to A.).
- lari* (Gmel., 1790) Zed., 1803a, 119 (in Lari cinerei intestinis).—Dies., 1851a, 193 (to Asc.).—Rud., 1809a, 198 (to A.).
- leonis* (Gmel., 1790) Zed., 1803a, 115 (in pelle leonis).—Rud., 1809a, 68–69 (to Fil.).
- lophii* (Müell., 1789) Zed., 1803a, 124–125 (in Lophii piscatorii canali cibario, magna).—Dies., 1851a, 164 (so. Asc. rigida).—Rud., 1809a, 181 (so. A. r.).

FUSARIA—Continued.

- lumbrici* (Gmel., 1790) Zed., 1803a, 125 (in *lumbricis*, infra cutem et in humori-
bus) (so. Asc. minutissima microscopica).
- lumbricoides* (Linn., 1758) Zed., 1800a, 20, 25 31 (in intestinis Equorum, Homi-
num, Suis).—Anacker, 1891d, 407.—R. Bl., 1888a, 661 (to Asc.).—Chiaje,
1825a, 9 (to A.).—Dies., 1851a, 168 (so. A. megaloc.), 168 (to A.).—Dungl.,
1893, 463.—Rud., 1809a, 125 (to A.).
- lumbricoides equorum* (Gœze, 1782a) Zed., 1800a, 20; 1803a, 102.—Rud., 1809a, 125.
- lumbricoides hominum* (Gœze, 1782a) Zed., 1800a, 20; 1803a, 103.—Rud., 1809a,
125.
- lumbricoides suis* (Gmel., 1790a) Zed., 1800a, 20; 1803a, 102.
- lumbricoides suum* (Gœze, 1782a) Rud., 1809a, 125 for suis of Zed.
- maculosa* (Rud., 1802) Zed., 1803a, 109 (in intestinis Columbæ dom.).—Rud.,
1809a, 159 (to Asc.).
- maræna* (Gmel., 1790) Zed., 1803a, 124 (in maræna).—Dies., 1851a, 203 (so. Asc.
albula).—Rud., 1809a, 202 (so. A. a.).
- marginata* (Rud., 1802) Zed., 1803a, 106 (in intestinis Canis domest. tenuibus).—
R. Bl., 1888a, 704 (so. Asc. mystax).—Dies., 1851a, 181 (to A.).—Dungl., 1893,
463.—Rud., 1809a, 138 (to A.).
- marina* ([Linn., 1767] Gmel., 1790) Zed., 1803a, 121 (in piscibus marinis, potis-
simum Gadis, visceribus extus adhærens).—Rud., 1809a, 74 (so. Fil. piscium).
- martis* (Gmel., 1790) Zed., 1803a, 116 (in intestinis Must. martis).—Dies., 1851a,
189 (so. Asc. mustelarum).—Rud., 1809a, 195 (to A.).
- mephitidis* (Gmel., 1790) Zed., 1803a, 117 (in intestinis mephitidis).—[Gmel.,
1790a, 3032, no. 17.].—Mol., 1858a, 164.—Rud., 1810a, 380.
- mucronata* (Schrunk, 1790) Zed., 1800a, 23, 62-64 (in ventriculo Gadi lotæ); 1803a,
112.—Dies., 1851a, 176 (to Asc.).—Rud., 1809a, 186 (to A.).
- muris* (Gmel., 1790) Zed., 1803a, 106 (in musculi ventriculo).—Mol., 1859, 934
(so. Spiropt. obtusa).—Rud., 1809a, 171 (so. Asc. obtusa).
- mystax* Zed., 1800a, 22, 45-47 (in intestinis tenuibus Felis dom.: [Europe]).—R.
Bl., 1888a, 704 (to Asc.).—Braun, 1903a, 302; 1908a, 341; 1915a, 366.—Cast.
& Chalm., 1910a, 444; 1913a, 547.—Dies., 1851a, 180 (to A.).—Dungl., 1893,
463.—Rud., 1802a, 13 (to A.) 1809a, 141 (to A.).—Ward, 1895, 301 (to A.),
331 (in Homo), 343 (in Canis); 1903, 223.
- nigrovenosa* (Gœze, 1800) Zed., 1800a, 22, 48-51, pl. 6 figs. 5-7 (in pulmonibus
Ran. tempor.); 1803a, 105.—Dies., 1851a, 187 (to Asc.).—Rud., 1809a, 148
(to A.).
- obtusocaudata* Zed., 1800a, 23, 55-57 (in ventriculo, rarius in intestinis Salmonis
truttæ); 1803a, 111.—Dies., 1851a, 178 (to Asc.).—Rud., 1809a, 177 (to A.).
- obelata* (Rud., 1802) Zed., 1803a, 108 (in intestinis crassis Muris musculi).—Dies.,
1851a, 146 (so. Asc. oxyura).—Hall, 1916a, 81 (to Oxyuris).—Rud., 1809a,
155 (to A.).
- osculata* (Rud., 1802) Zed., 1803a, 105 (in ventriculo Phocæ vitulinæ).—Dies.,
1851a, 169 (to Asc.).—Rud., 1809a, 135 (to A.).—Stiles & Hass., 1899, 151.
- papillosa* (Bloch, 1782) Zed., 1803a, 112 (in cæco Otidis tardæ et recto intestino).—
Dies., 1851a, 148 (so. Asc. vesicularis).—Mol., 1861c, 290 (so. Het. vesicu-
laris).—Rud., 1809a, 130 (so. A. v.).
- percæ* (Gmel., 1790) Zed., 1803a, 122 (in Perca fluviatilis).—Dies., 1851a, 162 (so.
Asc. truncatula).—Rud., 1809a, 173 (so. A. t.).
- phocæ* Zed., 1803a, 114 (in intestinis Phocæ vitulinæ; Gœze, 1782a, 73, pl. 2 figs.
9-10).—Rud., 1809a, 121 (so. Asc. phocæ-grœnlandicæ).
- pusilla* (Rud., 1802) Zed., 1803a, 113 (vesiculæ inclusa in superficie hepatis
Erynacei europ.).—Dies., 1851a, 165 (to Asc.).—Rud., 1809a, 165 (to A.).
- rajæ* (Müll., 1776; Fabr., 1780) Zed., 1803a, 124 (in ventriculo Rajæ fullonica).—
Redii Zed., 1800a, 23, 58-59 (includes Redi, 86, and Gmel., 1790a, 3035) (in intes-
tinis Murenæ anguillæ; by Redi and Zed.); 1803a, 111.—Dies., 1851a, 162
(so. Asc. labiata).—Rud., 1809a, 172 (so. A. l.).
- reflexa* Zed., 1800a, 21, 33-36, pl. 4 fig. 7 a-e (in intestinis cœcis Phasiani domes-
tici et colchici; by Zed. and others) (includes several s. as Asc. galli, gallini,
phasiani); 1803a, 102-103 (in intestinis gallopavonis, Phas. domest. et col-

FUSARIA—Continued.

reflexa—continued.

- chici* (includes *A. vesicularis*, *A. gallopavonis*).—Dies., 1851a, 170 (so. *A. inflexa*); 184 (so. *A. perspicillum*).—Duj., 1845a, 223 (so. *Het. vesicularis*).—Hass., 1896a, 5 (so. *H. perspicillum*); 1896b, 2 (so. *H. p.*).—Mol., 1861c, 287 (so. *A. inf.*).—Nev.-Lem., 1912a, 673.—Rail., 1893a, 406 (so. *H. p.*).—Rud., 1802a, 16 (so. *A. v.*); 1809a, 130 (so. *A. v.*), 142 (so. *A. p.*).
- renalis* (Goeze, 1782, and Gmel., 1790) Zed., 1803a, 116–117 (in *renibus Must. martis*).—Anacker, 1891e, 407.—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Dies., 1851a, 327 (so. *Eustr. g.*).—Duj., 1845a, 113 (so. *Str. gigas*).—Dungl., 1893, 463.—Rud., 1809a, 211 (so. *S. g.*).—Stoss., 1899, 58 (so. *E. g.*).
- rhombi* (Gmel., 1790) Zed., 1803a, 121 (in *Pleuronecte rhombo*).—Dies., 1851a, 162 (so. *Asc. acuta*).—Mol., 1861c, 282 (so. *A. acus*).—Rud., 1809a, 182 (so. *A. acuta*).
- salamandræ* (Schrank, 1790) Zed., 1803a, 112–113 (in *intestino recto Salamandræ maculosæ*).—Dies., 1851a, 153 (so. *Asc. acuminata*).—Rud., 1809a, 199 (so. *Asc. salamandræ-terrestris*).—Stoss., 1898, 80.
- secunda* (Schrank, 1790) Zed., 1803a, 109–110 quotes Schrank 1790, no. 6 (in *intestinis Percæ vulg.*).—Rud., 1809a, 175.
- semiteres* Zed., 1800a, 21, 37 (in *intestinis sic dictis tenuibus Tringæ vanelli*; by Zed.); 1803a, 103.—Dies., 1851a, 184 (to *Asc.*).—Rud., 1809a, 143 (to *A.*).
- siluri* (Gmel., 1790) Zed., 1803a, 123 (in *intestinis Siluri glanid.*).—Dies., 1851a, 202 (to *Asc.*).—Rud., 1809a, 201 (to *A.*).
- spiralis* (Rud., 1795) Zed., 1803a, 110 (in *intestinis Falc. buteon. et milv. et strigis alaconis Linn., ventriculo vicinis*).—Dies., 1851a, 157 (so. *Asc. depressa*).—Mol., 1861c, 281 (so. *A. d.*).—Rud., 1809a, 143 pars (so. *A. d.*), 190 (to *A.*).
- squali* (Gmel., 1790) Zed., 1803a, 124 (in *Squalo glaberrima*).—Dies., 1850a, 619 (so. *Cephalocotyleum squali-musteli*).—Rud., 1809a, 200; 1810a, 379 (so. [*Dubium*] *squali-musteli*).
- strumosa* Zed., 1800a, 23, 64–66 (in *intestinis Phasian. dom.*); 1803a, 112.—Dies., 1851a, 159 (so. *Asc. gibbosa*).—Hass., 1896a, 5 (so. *Het. perspicillum*); 1896b, 2 (so. *H. p.*).—Rail., 1893a, 406 (so. *H. p.*).—Rud., 1809a, 167 (so. *A. g.*).
- tardæ* (Gmel., 1790) Zed., 1803a, 120 (in *Otidis tardæ interaneis*).—Rud., 1809a, 241 (to *Str.*).
- tenuissima* Zed., 1800a, 23, 57–58 (in *intestinis Gadi lotæ*; by Zed.).—Dies., 1851a, 179 (to *Asc.*).—Rud., 1809a, 185 (to *A.*).
- tetraonis* (Gmel., 1790) Zed., 1803a, 120 (in *tetricis interaneis*).—Dies., 1851a, 148 (so. *Asc. vesicularis*).—Mol., 1861c, 290 (so. *Het. vesicularis*).—Nordm., 1840, 656 (so. *A. compar.*).—Rud., 1809a, 161 (so. *A. c.*).
- tigridis* (Gmel., 1790) Zed., 1803a, 115 (in *tigridis intestinis*).—Dies., 1851a, 189 (to *Asc.*).—Rud., 1809a, 194 (to *A.*).
- triquedra* Zed., 1800a, 43 (for *triquetra*).
- triquetra* (Schrank, 1790) Zed., 1800a, 22, 43–45 (in *intestinis vulpis*).—Dies., 1851a, 182 (to *Asc.*).—Rud., 1809a, 139 (to *A.*).
- truncata* Zed., 1803a, 105–106 (*Asc. hermaphrodita* renamed) (in *intestinis Psittaci æstiv. Linn. tenuibus*).—Dies., 1851a, 183 (to *Asc.*).—Rud., 1809a, 195 (to *A.*).
- truttæ* (Gmel., 1790) Zed., 1803a, 123 (in *intestinis farionis*).—Dies., 1851a, 178 (so. *Asc. obtusocaudata*).—Rud., 1809a, 202 (to *A.*).
- vermicularis* (Linn., 1758) Zed., 1803a, 107–108 (in *puerorum intestinis, potissimum recto*).—R. Bl., 1888a, 711 (to *Oxyurus*).—Braun, 1903a, 303; 1908a, 342; 1915a, 368.—Brumpt, 1910a, 350.—Cast. & Chalm., 1910a, 444; 1913a, 547.—Chiaje, 1825a, 5 (to *O.*).—Dies., 1851a, 145 (to *Asc.*).—Dungl., 1893, 107, 463.—Küech., 1855, 275.—Rud., 1809a, 153 (to *A.*).—Ward, 1895, 301 (to *O.*), 331 (in *Homo*), 343 (in *Canis fam.*); 1903, 223 (to *O.*).
- vermikularis* Schneidem., 1896a, 323 (for *vermicularis*).
- visceralis* (Gmel., 1790) Zed., 1803a, 114–115 (in *Canis fam. renibus*).—Anacker, 1891e, 407.—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Dies., 1851a, 327 (renamed *Eustr. g.*).—Duj., 1845a, 113 (so. *Str. gigas*).—Dungl., 1893a, 463.—Rud., 1809a, 211 (so. *S. g.*).—Stoss., 1899, 58 (so. *E. g.*).

FUSARIA—Continued.

- vituli* (Gmel., 1790) Zed., 1803a, 117–118 (in vitulorum per artem infectorum pulmonibus et tracheis gregaria vivipara).—Dies., 1851a, 316 (so. *Str. micrurus*).—Rud., 1809a, 245. (so. *S. vitulorum*).—Stoss., 1899, 71 (so. *S. m.*).
wernerii (Rud., 1793) Zed., 1800a, 21, 42–43 (in intestinis *Canis domest.*).—Dies., 1851a, 181 (so. *Asc. marginata*).—Dungl., 1893, 463.—Rud., 1809a, 138 (so. *Asc. marg.*).

GAIGERIA Rail. & Henry, 1910, 312, 313–314 (tod. *pachyscelis*); 1912, v. 14, 565 (g. of *Bunostomæ*, *Strongylinæ*).—Gedælst, 1911, 125.—Lane, 1917, IJMR, 420, 422.—Nev.-Lem., 1912a, 648, 1213.—Rans., 1911a, 124.

pachyscelis Rail. & Henry, 1910, 314 (in mouton, bœuf; Lahore, Punjab, Leopoldville, Congo).—Gaiger, 1911, v. 6 (3), 301–306, 4 figs. (in cattle, sheep).—Gedælst, 1911a, 126 (in ox, sheep; India, Congo).—Lane, 1917, 434.—Nev.-Lem., 1912a, 743.—Rail., 1915, 492; 1915, IVC, 735.—Rans., 1911a, 13, 124.

GALEICEPS Rail., 1916, JP, 99, 100, 103 (tod. *cucullus*) (*Thelaziidæ*).

cucullus (Linst., 1899) Rail., 1916, 104 (in *Potamogale velox*).

GAMONEMATOIDEA Dies., 1851a, 78 (tribe, contains: *Hypophalli*, *Acrophalli*).—Goldb., 1855a, 109.—Kolenati, 1856d (1857d), 13 (ord., contains *Ophiost.*, *Trichosomum*, *Fil.*).—Mol., 1858, 1861c; 144, 275 (tribe).

GANGULATERAKIS Lane, 1914, Oct., pl. 76 (for *Ganguleterakis*).

GANGULETERAKIS Lane, 1914, IJMR, 656, 660 (tod. *gangula*), pl. 76 (*Gangulaterakis*); 1916, IJMR, 100; 1917, IJMR, 756.—Hall, 1916a, 45 (so. *Het.*).

gangula Lane, 1914, 660–662, pl. 76 figs. 11–14 (in *Mus decumanus*; Berhampore, Bengal); 1917, 756.—Hall, 1916a, 45, 48 (so. *Het. spumosa*).

psophiæ (Trav., 1913) Lane, 1917, 756.

spumosa (Schneid., 1866) Lane, 1917, 756.

Gapes (English vernacular name for infection with *Syngamus trachealis*).—Theobald, 1896a, 73–85, fig. 22.

GEIGERIA Nev.-Lem., 1912a, 1213 (misprint for *Gaigeria*).

Geophagia (see also *Uncinariasis*).—Heusinger, 1852.

GIGANTHORHYNCHIDÆ Mont., 1905d, 11 (f. of *Promonemida*; contains *Gigantor.* See *Gigantorhynchidæ*).—Nev.-Lem., 1912a, 849.

GIGANTHORHYNCHUS Mont., 1905d, 11 (for *Gigantor.*).—Nev.-Lem., 1912a, 840.

GIGANTORHYNCHIDÆ Trav., 1915, Bm, v. 29, 137 (1) (for *Gigantorhynchidæ*).

GIGANTORHYNCHUS Weinberg & Romanovitch, 1908e, 41 (for *Gigantorhynchus*).
gigas (Bloch, 1782) Weinberg & Romanovitch, 1908e, 41 (in *Sus scrofa*).

GIGANTORHYNCHIDÆ Hamann, 1892d, 196.—R. Bl., 1895, 791.—Mont., 1905d, 11 (fam. of *Promonemida*, contains *Gigantor.*).—Nev.-Lem., 1912a, 849.—Shipley, 1896a (1901b), 183, 185; 1900b, 440 (contains *Gigantor.*); 1916c, 215.—Trav., 1915, Bm., v. 29 (18), 137 (1) (contains *Gigantorhynchinae*, *Prosthenorchinae*); 1915, Bm. v. 29, 105 (3–4) (Brazilian).

GIGANTORHYNCHINÆ Trav., 1915, 137 (1) (subf.; contains *Gigantor.*, *Moniliformis*, *Oligacanthor.*, *Famaniella*).

GIGANTORHYNCHUS Hamann, 1892d, 196 (tsd. *echinodiscus*).—Brumpt, 1910a, 476.—Daniels & Stanton, 1907a, 350.—Fiebiger, 1912a, 304.—Gedælst, 1911a, 135.—Lühe, 1905a, 342; 1905b, 267, 342; 1912, v. 1, 273.—Marotel, 1899d, 228, 301.—Marval, 1905a, 201, 205, 337.—Nev.-Lem., 1904a, 133; 1906a, 323; 1908a, 511; 1912a, 840.—Pratt, 1916a, 230.—Skrj., 1913 v., 35, 410–411.—Shipley, 1896c, 215; 1900b, 440.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 108–109.—Trav., 1915, Bm., v. 29, 105 (3); 1915, Bm., v. 29, 132 (1).—Tyson, 1903a, 1198.—Ward, 1896a, 257–272.—Zsch., 1904c, 61.—See also *Gigantorhynchui*, *Gigantor.*, *Gigantor.*

asturinus Johnst., 1913, RAITM, 93–94, pl. 17 figs. 38–41 (in *Astur novæ-hollandiæ*; N. Queensland); 1912, v. 12, 108 (in *A. n.-h.*; N. Q.).

auræ Trav., 1913, v. 5 (3), 252–255, 1 fig. (in *Cathartes aura*; Piauhý, Brazil).—Porta, 1914, 485 (so. *compressus*) (in *C. a.*).

cestodiformis (Linst., 1904) Porta, 1908, AdP, v. 12, 279 (in intestine *Erinaceus albiventer*, *E. frontalis*; Africa).

circumflexus (Mol., 1858) Porta, 1908, v. 12, 278–279 (in *Talpa europæa*; Italy).

GIGANTORHYNCHUS—Continued.

- compressus* (Rud., 1802a) Marval, 1905a, 197, 198, 205, 206, 207, 208, 209, 210, 211, 212, 213, 215, 337-352, 365, pl. 4 figs. 124-133, 139-141 (s. spira, tænioides, E. charadrii-pluvialis, compressus, coraciæ, cornicis, falconis-cyaneæ, lagenæ-formis, macracanthus, manifestus, oligacanthoides, oligacanthus, picicollaris, ricinoides, spira, tænioides, uromasticis) (in *Alectrurus jetapa*, *Archibuteo sancti-johannis*, *Asturina nitida*, *Bubo magellanicus*, *Bucco* sp., *Busarellus nigricans*, *Buteo albicaudatus*, *Campophilus pollens*, *Cariama cristata*, *Cathartes atrata*, *C. aura*, *C. papa*, *Charadrius pluvialis*, *Colaptes mexicanus*, *Colceus monedula*, *Cooperastur pectoralis*, *C. pileatus*, *Coracias garrula*, *Corone cornix*, *Dendrocolaptes concolor*, *Dendrocincla turdina*, *Formicarius colma*, *Fornarius rufus*, *Geranospiza coerulescens*, *Gypætus barbatus*, *Harpagus bidentatus*, *Leptodon cayennensis*, *Marphnus urubutinga*, *Nizaetus pennatus*, *Philentoma velatum*, *Rhamphastos erythror.*, *Rhea americana*, *Rhynchotus rufescens*, *Rupornis magnirostris*, *Spizaetus coronatus*, *Sturnus pyrrhoc.*, *Synallaxis albescentis*, *S. rutilans*, *Theristicus caudatus*, *Tinnunculus sparverius*, *Trogon melanurus*, *T. meridionalis*, *Turdus* sp., *Upupa epops*, *Vanellus vanellus*, *Vultur* sp.).—Fuhm., 1908, 22, 23.—Porta, 1908, v. 3 (3), 225, 242-245, pl. 9 figs. 15-16 (in *Boa constrictor*, *Bothrops jaracca*, *B. neuwiedii*, *Coluber lichtensteinii*, *Dipsadomorphus dendrophilus*, *Dryophylax nattereri*, *Elaps corallinus*, *Elaphus quadrilineata*, *Erythrolamprus venustissimus*, *Ofidii*, *Ophis coeruleus*, *O. merremii*, *Oxyrhopus plumbeus*, *Palmipedi*, *Philodryas olfersii*, *Pseudophis cinerascens*, *Saurii*, *Uromastix acanthinura*, *Xenopeltis unicolor*); 1910, 703 (in *Calamocichla brevipennis*; Cape Verde); 1911, 378; 1914, 485 (in *Cathartes aura*).—Rail. & Henry, 1911, 581-582; fig. 6 (in R. a.).
- echinodiscus* (Dies., 1851) Hamann, 1892d, 196.—A., D., & E., 1901b, 2.—Bieler, 1913, 573, pl. 41 fig. 5.—von Ihering, 1902a, 45 (in *Myrmecophaga* sp.).—Lühe, 1905b, 342, 343; 1911a, 5.—Marval, 1905a, 201.—Porta, 1908, AdP, v. 12, 277 (in *M. didactyla*, *M. jubata*, *M. tetradactyla*; Brazil, Surinam).—Shipley, 1896a (1901b), 184, 215; 1900b, 440 (in *Cycloturus didactyla*, *M. j.*, anteaters).—Stiles & Hass., 1905b, 108.—Trav., 1915, Bm, v. 29, 105 (3).—Zsch., 1904c, 61 (in M.).
- empodius* Skrj., 1913, ZJ, 411-412, pl. 16 figs. 13-14 (in *Ardea cinerea*; Russian Turkestan).—Kostylev, 1916, 394.
- gigas* (Bloch, 1782) Hamann, 1892d, 196.—A., D., & E., 1901b, 2.—Aless., 1913, v. 56 (5-6), 161-162; 1913, 349-371.—R. Bl., 1906, 374.—Brumpt, 1910a, 476; 1913a, 538.—Cary, 1915, (Bull. 185), 44-46.—Cast. & Chalm., 1910a, 446, 450, 926; 1913a, 566, 1293.—Galli-Val., 1907, 225 (in porc; Tunis).—Martin & McKittrick, 1917, 378(8), fig. 11.—Marval, 1905a, 201.—Nev.-Lem., 1902a, 129, 130 (fig.), 131; 1904a, 133, 134, 135; 1906a, 322, 323, figs. A-B; 1908a, 513.—Noë, 1910, AIB, v. 53, 315-317.—Pratt, 1916a, 230, fig. 367.—Rail., 1893a, 565 (s. *Asc. lumbricoides* pars, *Tænia hirudinacea*).—Schlapp, 1887a, 44.—Shipley, 1896a (1901b), 174, 177, 183, 184, fig. 95 (adult in vertebrates; larva in invertebrates); 1903i (k), 53, 54 (9, 10) (in *Cetonia aurata*, *Lachnosterna arcuata*, *Melolontha vulg.*, *Sus cristatus*; Batalu-oya, Ceylon, N. A.).—Ward, 1895a, 325-327, 332, figs. 80-82 (s. T. h.) (in Homo); 1903l, 224, figs. 3570-3571 (s. T. h.); 1903d (e), 704; 1916, 703-704, figs. 4115-4116.—Wehrmann, 1909a, 210, 216.—Weinberg & Romanovitch, 1908e, 41 (path.).—Also reported for *Sus scrofa*.
- hamatus* (Linst., 1897) [Linst., 1897i, 33, figs. 16-17 (in *Potamochoerus edwardsii*; Madagascar)].—(Linst., 1897) Porta, 1908, v. 12, 277 (in intest., *Potamochoerus edwardsi*; Mad.).
- hirudinaceus* (Pall., 1781) Rail., 1893a, 565.—Geddes, 1911a, 135 (in hog and man).—Guiart, 1901a, 433.—Hut. & Mar., 1913b, 217.—Mote, 1914, 29, 43-46, figs 14-15.—Nev.-Lem., 1912a, 841.—Noë, 1914, v. 10 (5), 46-118, pls. 1-2.—Pillers, 1914, 5.—Stiles, 1914, MM, v. 2, 297.—Van Cleave, 1916, 170.
- hirudinaceus* (Dies., 1851) Porta, 1908, v. 12, 277-278, (for *hirudinaceus* Pallas, 1781) (in *Canis aureus*, *Cebus fatuellus*, *Dicotyles torquatus*, *Felis lynx*, *Hapale rosalia*, *Homo*, *Hyæna striata*, *Inuus ecaudatus*, *Megalotis cerdo*, *Nasua narica*, *N. socialis*, *Procyon lotor*, *Sus cristatus*, *S. scrofa*, *S. s. dom.*; Europe, Africa, Madagascar, N. A., & S. A.) (larva in *Cetonia aurata*, *Lachnosterna arcuata*, *L. dubia*, *L. hirticula*, *Melolontha vulg.*, *Monticola saxatilis*).—Rail. & Henry, 1911, 699 (in porc; Annam).
- lumbricoides* (Müll., or Gœze, 1782a) Rail., 1893a, 566.

GIGANTORHYNCHUS—Continued.

- major* (Brems., 1821) Porta, 1908, v. 12, 279 (in *Erinaceus europæus*; Europe).
- microcephalus* (Rud., 1819) Porta, 1909, 256-257, pl. 5 figs. 16a-e (in *Didelphys aurita*, *D. cancrivora*, *D. murina*, *D. philander*, *D. virginiana*; Brazil).
- mirabilis* Marval, 1904a, 582 (in a bird); 1905a, 205, 206, 301, 303, 306, 308, 353-356, pl. 4 figs. 120-123, 137-138 (in *Vultur* sp.; Mus. Wien); 1905, v. 13, 195-387, 4 pls.; 1905a, 582 (in bird); 1907, AN, v. 2 (3), 27-29, 175.—Kostylew, 1914, 188; 1916, 394.
- moniliformis* (Brems., 1819) Rail., 1893a, 568.—Brumpt, 1910a, 478; 1913a, 539.—Geddelst, 1911a, 135 (in dog, man, rat; Italy).—Guiart, 1910a, 433.—Johnst., 1912, 93 (in *Mus decumanus*; Queensland).—Lühe, 1911a, 5 (in *Blaps mucronata*, *Cricetus cricetus*, *Mus norvegicus*, *Microtus arvalis*, *Periplaneta americana*).—Magal., 1898b, 361-368, figs. 1-4 (adult in M. d., larva in P. a.).—Nev.-Lem., 1902a, 129, 131; 1904a, 133, 135; 1906a, 324; 1908a, 515.—Nicol, 1914, Sept. 12, 4; 1915, 408 (in rats; Q.).—Porta, 1908, v. 2 (22), 6 (in *Mus rattus*; Trieste); 1908, v. 12, 278 (in *Arvicola arvalis*, *Canis fam.*, *Cricetus frumentarius*, *Falco cineraceus*, *Homo*, *Meriones sinaiticus*, *Mus d.*, *M. fuscirostris*, *M. r.*, *Myoxus quercinus*, *Putorius putorius*, *Sciurus vulpinus*; Europe, Africa, Brazil) (larva in *Blaps mucronata*, Per. a.); 1914, ZA, 484 (in "cane").—Seur., 1912, CrSB, v. 72 (2), 62-63 (in *Erinaceus algirus*, P. a.; Djerba Isl.).—Stiles, 1914, MM, v. 2, 297.—Verdun, 1907a, 428 (in rats, surmulot; larva in B. m.).—Ward, 1903d (e), 704; 1903l, 225 (in field mice, rats, etc., *Homo*; larva in B. m.; Italy); 1916, 704.
- otidis* (Marval, 1905) Kostylew, 1914, CfB, v. 72, 531-536, figs. 1-8 (in *Houbara macqueni*, *Numida ptilorhyncha*, *N. rikwæ*, *Oedicnemus crepitans*, *O. tarda*); 1914, ZA, 187, fig. 1.
- rhopalorhynchus* (Dies., 1851) Porta, 1908, v. 3 (3), 245, pl. 9 figs. 17-18 (in *Caiman palpebrosus*, *C. trigonatus*, *Champsia fissipes*, *C. gibbiceps*, *C. punctulata*, *Jacare nigra*, *J. sclerops*).
- semoni* Linst., 1898a, 471-472 (115-116) to (Gigantorh.), pl. 35 figs. 16-29 (in intest. *Parameles obesula*; Australia).—Porta, 1908, v. 12, 276-277 (in P. o.; A.).—Zsch., 1904a, 293 (in P. o.); 1904c, 61 (in P. o.; A.).
- spira* (Dies., 1851) Hamann, 1892d, 196.—Fuhm., 1908, v. 10 (1), 22, 23 (so. compressus) (in *Cathartes*, *Gypagus*; Brazil & Europe).—von Ihering, 1902a, 45 (in C. sp., G. sp.).—Marval, 1905a, 201, 338 (in *Sarcophagus papa*) (so. compressus).—Shipley, 1896a (1901b), 184 (in S. p.); 1896c, 215 (in S. p.); 1900b, 440 (in S. p.).—Zsch., 1904c, 61 (in C., G.).
- spirula* (Olfers, 1819) Porta, 1909, Az, 260-261, pl. 5 figs. 21a-b (in *Canis aureus*, *Cebus fatuellus*, *Felis lynx*, *Hapale rosalia*, *Inuus ecaudatus*, *Lemur brunneus*, *L. coronatus*, *Megalotis cerdo*, *Midas sp.*, *Nasua narica*, *N. socialis*, *Perodicticus potto*, *Procyon lotor*; Brazil, Africa, Madagascar); 1912, ZA, v. 39 (5-6), 233-235, 1 fig. (*Erinaceus algirus*; Bou-Saâda).—Seurat, 1913, 5 (in *Erinaceus deserti*, *Macrosclides rozeti*); 1913, 130 (in *Blaps*, E. d., E. algirus, M. r.).
- tenioides* (Dies., 1851) Hamann, 1892d, 196.—Fuhm., 1908, v. 10 (1), 22, 23 (so. compressus) (in *Cariama*; Brazil, Europe).—von Ihering, 1902a, 45 (in C. sp.).—Marval, 1905a, 197, 201, 338 (so. compressus).—Shipley, 1896a (1901b), 184 (in *Dicholophus cristatus*); 1896c, 215 (in D. c.); 1900b, 440 (in C., D. c.).—Zsch., 1904c, 61 (in C.).

GIGANTORRHYNCHUS Hut. & Mar., 1913b, 517 (for Gigantorhynchus).

hirudinaceus (Pall., 1781) Hut. & Mar., 1913b, 517.

GIGANTOSRYNCHUI Daniels & Stanton, 1907a, 350 (misprint for Gigantorhynchus).

GIGAS Schlampff, 1887a, 44 (refers to *Echinor. gigas*; not clear that it is intended for a generic name).

GIRETERAKIS Lane, 1917, IJMR, 754, 758-765 (tod. girardi) (near Het.).

girardi Lane, 1917, 754, 758-763, figs. 17-30 (in *Hystrix bengalensis*; Zool. Gard. Calcutta).

GLOBOCEPHALUS Mol., 1861a, 436, 534-537 (12, 110-112) (mt. longemucronatus) (see also Characost.) [not *Globicephalus* Lesson, 1828, mammal, renamed *Globiocephalus* Gray, 1843, *Globicephalus* Ben., 1880, *Globiceps* Flower, 1883 (not Lepelletier and Serv., 1825)].—Aless., 1909, AdP, v. 13 (3), 458-476, figs. 1-24.—Linst., 1897d (e), 184-187 (1-4), figs. 1-4 (cf. *Anky-*

GLOBOCEPHALUS—Continued.

lostomum); 1906, v. 43, 92.—Neum., 1888a, 354; 1892a, 375; 1892d, 385.—Rail., 1885a, 350; 1896d (e), 161 (5) (renamed Cystoc.); 1902b, 109 (3) (so. Ch.).—Rail. & Henry, 1909b, 170 (so. Ch.).—Sl. & Sw., 1912a, 383.—Smith, Fox, & White, 1908a, in 283-294, 10 pls.—Stiles & Hass., 1905b, 109.

longemucronatus Mol., 1861a (b), 536-537 (112-113), pl. 6 figs. 3-4 (in *Sus scropha dom.*; Wien).—Aless., 1909, AdP, v. 13, 458, 474, fig. 21.—Fiebiger, 1912a, 278.—Linst., 1897d (e), 184-187 (1-4), figs. 1-4 (in S. s. d.).—Neum., 1888a, 394; 1892a, 424; 1892d, 435.—Rail., 1885a, 350 (in pig; Wien); 1893a, 455; 1896, 161 (to Cystoc.).—Sl. & Sw., 1912a, 383, 402.

macaci Smith, A. J., 1908a, 268 (in *Macacus nemestrinus*; Phila. Zool. Gard.).—Braun, 1915a, 351.—Brumpt, 1913a, 457.—R., H., & J., 1913, 267.—S., F., & W., 1908a, 290-291, pl. 8 (in M. n.).

GNATHOSOMA Krefft, 1871a, 210 (misprint for *Gnathostoma*).

GNATHOSTOMA Owen, 1836i, 123-126 (mt. *spinigerum*) (see also *Cheiracanthus*); 1838a, 131-135.—R. Bl., 1895 (1896b), 747 (*Gnathostomum*).—Braun, 1895b, 212, 218; 1903a, 253, 259 (so. Ch.); 1906a, 281 (so. Ch.); 1908a, 291; 1915a, 302.—Brumpt, 1910a, 333, 426; 1913a, 398, 489.—Carus, 1863, v. 2, 460 (so. Ch.).—Cast. & Chalm., 1910a, 405; 1913a, 520.—Daniels & Stanton, 1907a, 350.—Dies., 1839a, 221.—Duj., 1845a, 287.—Edelm., 1914a, 270.—Fedtsch., 1872a.—Fischer, 1840, v. 13 (1), 153.—Gedölst, 1911a, 105.—Huber, 1898a, 7 (bibliography).—Krefft, 1871a, 210 (*Gnathosoma*).—Looss, 1911a, 515.—Moniez, 1896a, 299, 396 (in mammals, alligator, fish).—Neum., 1892, 345.—Nev.-Lem., 1904a, 97; 1906a, 311, 312; 1908a, 420.—Porta, 1908 (4), 455 (to Ch.).—Rail., 1893a, 546-548 (to Ch.).—St.-Joseph, 1900, 228, 229.—Schneidem., 1896a, 304 (so. *Cheiracanthus*).—Sl. & Sw., 1912a, 364-365.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 109.—Verdun, 1907a, 321.—Weinberg & Brimont, 1909a, 104-106, figs. 1-3 (pathology); 1909b, 127; 1909c, 357.

accipitri Skrj., 1916, CrSB, 972; 1916, 461, 535, 538, figs. 47-49b (in *Aquila imperialis*; Aoulié-ata, Syr-Daria).

gracilis (Dies., 1838-39) Stoss., 1900a, 1 (in *Sudis gigas*, *Vastres cuvieri*).—Braun, 1915a, 304 (*gracile*).—Ratz, 1900f, 180.—Skrj., 1916, 534 (in S. g.).

hispidum Fedtsch, 1872a, [nv.].—Braun, 1895b, 219; 1903a, 260 (in *Bos taurus*, Berl., *Sus scrofa*, *Turkestan* & Hungary); 1908a, 292; 1915a, 304.—Braun & Luehe, 1909a, 151; 1910a, 165.—Ciurea, 1911, v. 10 (4), 288-292, pl. 3 figs. 1-4.—Cobbold, 1879b, 412.—Collin, 1893a, 119-120 (in cattle); 1893b, 1; 1893c, 567.—Craig, 1915, 501 (treatment).—Csokor, 1882a, 1-22, pl. 1 figs. 1-10 (in stom. of swine; Austria); 1888a, 53-54.—Edelm., 1916, 258.—F., S., & T., 1916a, 384, 385.—Fiebiger, 1912a, 228, figs. 145-147.—Fröhner, 1915a, 260.—Garin, 1913, 133-145, 150, figs. 46-55.—Gedölst, 1911a, 105 (in hog; T., H., Congo).—Hempelm., 1912a, 108.—Hut. & Mar., 1913b, 477, fig. 64.—Mans., 1907, 4th ed. 734 (in hogs).—Nev.-Lem., 1912a, 833.—Ostertag, 1899a, 419.—Rail., 1885a, 393 (in hogs); 1893a, 547; 1915, 494; 1915, IVC, 736.—Rail. & Henry, 1911, 698 (in porc; Annam).—Ratz, 1898a, 390-393; 1899d, 327-329 (in swine; India); 1900f, 180-182, 184-186, pl. 5 figs. 1-5; 1900, v. 23, 178-186, pls. 5 figs. 1-10.—Schneidem., 1896a, 323 (in cattle, swine, wild hog).—Skrj., 1916, 534 (in S. s., S. s. d.).—Sl. & Sw., 1912a, 365, 400, 403.—Stoss., 1900a, 1.—Stoedter, 1901a, 61, 94 (in S. s.).—Ward, 1895a, 334 (in B. t.).—Wolffh., 1912, v. 11 (1), 65 (in B. t.).

hispidum suis Csokor, 1882a, 1-22, pl. 1 (to *Cheiracanthus*) (in swine; Austria).

horridum (Leidy, 1856) Stoss., 1900a, 1. (*horrida*)—Braun, 1915a, 304.—Skrj., 1916, 534 (in *Alligator mississippiensis*).

paronai Porta, 1908, v. 33 (1), 8-9, figs. 1-2 (*Echinor. sp.* 1898) (in *Mus rajah*; Isole Mentawai near Sumatra); 1908 (4), 455 (in M. r.).—Braun, 1915a, 304.—Skrj., 1916, 534.

paradoxa (Linst., 1903) Linst., 1904n, 301 (=shipleyi) to *Rictularia* (*Gnathost.*).

pelecani (Chatin, 1874) Skrj., 1916, CrSB, 972; 1916, 535, 537 (in *Pelecanus onocrotalus*).

radula (Schneid., 1866) Braun, 1915a, 304 (Philippines).—Skrj., 1916, 534 (in *Paradoxurus philippinensis*).

robustum (Dies., 1839) Rail., 1885a, 393 (in *Chien paria*, *Felis cat.*, *F. concolor*, *F. tigris*); 1893a, 547 (so. *spinigerum*).—Cast. & Chalm., 1913a, 520.—Fiebiger, 1912a, 229.—Stoss., 1898c, 98 (so. s.).

GNATHOSTOMA—Continued.

schylei Skrj., 1916, 535 (for *shipleyi*) (in *Diomedea*).

shipleyi Stoss., 1900a, 1-2, figs. 1-5 (in *Diomedea exulans*; W. Pacific).—Linst., 1904n, 301 (= *Rictularia* (Gnathost.) *paradoxa*).—Shipley, 1900c, 560-562, fig. G (in D. e.; W. P.).—Skrj., 1916, CrSB, 971, 972 (type of *Seuratia*).

siamense (Levin., 1890) Rail., 1893a, 548.—Assénova, 1899, 50, 52, 53, 104, 119-120.—R. Bl., 1895, 786 (in *Homo*; Bangkok); 1900g, 486.—Braun, 1895b, 218-219; 1903a, 259-260, fig. 198; 1906a, 281-282, fig. 193; 1908a, 292, fig. 244; 1915a, 303, fig. 269.—Brumpt, 1910a, 417; 1913a, 489.—Cast. & Chalm., 1910a, 406, 447, 1033; 1913a, 520, 1428.—Daniels, 1910a, 71, 156.—F., S., & T., 1916a, 384, 385, fig. 275.—Geddelst, 1911a, 105, fig. 146 (in Siamese).—Huber, 1898a, 7 (to *Cheiracanthus*).—Leiper, 1909, P, v. 2 (1-2), 77-80; 1913, 281, figs. 29-30.—Linst., 1890, 51.—Mans., 1907, 4 ed., 734-735, fig. 143.—Moniez, 1896a, 396-397.—Nev.-Lem., 1902a, 95, 125; 1904a, 97, 129; 1906a, 312; 1908a, 505.—Sambon, 1908f, 35.—Schneidem., 1896a, 306 (in H.).—Sl. & Sw., 1912a, 365, 404, fig. 200.—Stiles, 1907, 611 (in H.); 1914, MM, v. 2, 302.—Stitt, 1910a, 233, 311; 1916a, 314, 422.—Stoss., 1900a, 1 (in H.).—Vaull., 1901a, 124.—Verdun, 1907a, 423-424, fig. 155 (in H.; Bangkok).—Ward, 1895a, 331 (in H.); 1903l, 210 (in H.); 1903d (e), 704; 1916, 681.

socialis (Leidy, 1858) Stoss., 1900a, 1 (in *Mustela vison*).—Braun, 1915a, 304.—Skrj., 1916, 534 (in M. v.).

species Braun, 1903a, 260 (in wild dogs; Calcutta).

spinigerum Owen, 1836f, 123-126 (in stomach, *Felis tigris*; by Owen); 1837f, 128-131; 1837g, 328-329; 1838a, 131-135.—Braun, 1895b, 219; 1903a, 260 (in *F. catus*, *F. concolor*, *F. t.*); 1908a, 292; 1915a, 303.—Brumpt, 1913a, 489.—Cast. & Chalm., 1913a, 520.—Crep., 1841a, 82 (in tiger).—Dies., 1839a, 222 (so. *Cheiracanthus robustus*).—F., S., & T., 1916a, 385.—Fiebiger, 1912a, 229, fig. 148.—Geddelst, 1911a, 105 (in cat; India).—Leiper, 1913, 281.—Mans., 1907, 4 ed., 734-735 (in *F. catus*, *F. concolor*, *F. t.*, *Pariah dogs*; Calcutta).—Mither, 1910, v. 5 (2), 284-285, pl. 24 figs. a-f (in *F. c. dom.*); 1912, 687-690; 1912, v. 5 (2), 150, pl. 5 1 fig. (in *dom. cat*, *F. c.*, *F. con.*, *F. t.*).—Nordm., 1840a, 647 (so. *Ch. r.*).—Rail., 1893a, 547 (so. *rob.*, *Ch. rob.*); 1915, 494; 1915, IVC, 735 (in cat, dog).—Ratz, 1900f, 180 (in *F. con.*, *F. t.*).—Skrj., 1916, 534 (in *F. t.*, *F. catus*, *Homo*, *Putorius*).—Sl. & Sw., 1912a, 365.—Stoss., 1898c, 98 (in *P. vulg.*); 1900a, 1.—Youatt, 1837, v. 10, 619-622.

turgidum Stoss., 1902d (e), 73 (13) (in *Didelphys azare*; Rep. Argentina) (*turgida*).—Braun, 1915a, 304.—Skrj., 1916, 534 (in D. a.).

weinbergi Skrj., 1916, 534-535 (s. *species* Weinberg & Brimont, 1909a, 104-106, figs. A-C) (in *Midas* sp.; French Guiana).

[GNATHOSTOMATA Claus, 1885a, 363 (a subgroup of *Eucepoda*, containing *Cyclopidæ*, *Calanidæ*, *Notodelphyidæ*).]

GNATHOSTOME Ward, 1903b, 50 (lapsus for *Gnathostoma*).—Weinberg & Brimont, 1909a, 104-106, figs. 1-3 (path.); 1909b, 127; 1909c, 357.

siamense (Levin., 1890) Ward, 1903b, 50.

GNATHOSTOMIDÆ R. Bl., 1895 (1896b), 747.—Braun, 1895b, 212, 218; 1903a, 259; 1906a, 274, 281.—Campb. & Lacr., 1907, 82.—Cast. & Chalm., 1910a, 405; 1913a, 520.—Daniels, 1910a, 156; 1914a, 74.—F., S., & T., 1916a, 374, 384.—Nev.-Lem., 1904a, 97; 1906a, 311; 1908a, 420; 1912a, 653, 833.—Porta, 1908, ZA, v. 33 (1), 8-9, figs. 1-2.—Rail., 1915, 494; 1915, IVC, 736; 1916, RMv, 521.—Sambon, 1908f, 35.—Schneidem., 1896a, 304, 306 (f. contains *Gnathost.*).—Skrj., 1916, 463, 534-535 (of Rail., 1895).—Sl. & Sw., 1912a, 312, 364.—Stoss., 1898c, 98.—Verdun, 1907a, 321 (f. contains *Gnathost.*).—Ward, 1916, 681.

GNATHOSTOMUM, See *Gnathostoma*.

GNATHOSTOMIDES Assénova, 1899, thèse, Nancy, 104 (fam.).

GÆZIA Zed., 1800a, 6, 96-102 (tsd. *armata* Rud., 1801, 57 (= *Cucullanus ascaroides*)) [not *Gæsia* Boeck, 1871, crust.; not *Gætia* Karsch, 1892, insect].—Encycl. méth., Par., 1824, v. 2, 436.—Looss, 1902, 755 (= *Cochlus*).—Rail. & Henry, 1915, BSPE, v. 8 (5), 270-275.—Rud., 1801a, 57.—Schneid., 1866a, 12.—Stiles & Hass., 1905b, 109.

annulata (Mol., 1859) Rail. & Henry, 1915, 274 [in *Labrax lupus*].

armata Rud., 1801a, 57 (based on Zed., 1800a, 100); 1810a, 254, 255 (= *Prionoderma ascaroides*).—Dies., 1851a, 340 (so. *Nematoideum siluri-glanidis*).—Rail. & Henry, 1915, 271, 273.

GÆZIA—Continued.

ascaroides (Gœze, 1782) Rail. & Henry, 1915, 274 (in *Silurus glanis*).

inermis Zed., 1800a, 84, 101–102 (in *Murena anguilla*; by Zed.).—Rail. & Henry, 1915, 271, 274.—Rud., 1801a, 57 (cf. *Lior.*); 1802a, 44, 45; 1809a, 249 (= *L. denticulatus*).

kollari (Mol., 1858) Rail. & Henry, 1915, 274 [t. h. *Chrysophris aurata*].

spinulosa (Dies., 1839) Rail. & Henry, 1915, 274.

[*zederi* Rud., 1801a, 56, not in specific sense, but as *Gœzia* of Zed.]

GONGYLOMENE VauLL., 1901a, 126 (for *Gongylonema*).

scutatum (Leuck., 1873) VauLL., 1901a, 126.

GONGYLOMENA Mol., 1857a, 146–152, 216–218 (tod. minimum).—Carus, 1863, v. 2, 461.—Fayet, 1895a; 1895b, 516–517.—Gedøelst, 1911a, 110.—Hall, 1916a, 190, 191, 192, 193, 197, 198, 199, 206 (type musculi); 1916b, 520.—Mordw., 1908, v. 13 (1–2), 191.—Neum., 1894d, 463–473 (1–11), figs. 1–4; 1895a; 1895b, 143; 1895c, 515–516.—Nev.-Lem., 1912a, 652.—Rans., 1911a, 14, 17, 23, 100, 102 (s. *Myzomimus*).—Seur., 1912, CrSB, 276–279, figs. 1–5; 1914, 1017; 1916, CrSB, 717–742, figs. 1–5 (Africa); 1916, 303, 304, 312, 313, 314, 339.—Sl. & Sw., 1912a, 400.—Stiles & Hass., 1905b, 109.—Stoss., 1897b, 130 (118).—Ward, 1916, JP, 119–125, 1 pl. figs. 1–2 (in *Homo*).

brevispiculum Seur., 1914, CrSB, Dec. 11, 521–524 (5–7), figs. 1–4 (in cardiac region of stomach of *Dipodilla campestris*; Bou-Saâda, Algeria); 1916, CrSB 721–724, 741, fig. 2 (in *D. c.*; A.).—Hall, 1916a, 191, 196, 197–198, figs. 254–256 (in *D. c.*; A.).

confusum Sons., 1896m, 441 (in *Equus cab.*, Egypt).—Seur., 1916, CrSB, 726 (so. *pulchrum*).

contortum Mol., 1860e, 349 (in *Ursus arctos*; M. C. V.).—Cobbold, 1879b, 297 to Spiropt. (Gongyl.).—Neum., 1894d (1895a), 473 (so. *ursi*).—Stoss., 1897b, 133 (121) (s. *ursi*) (in *Ursus arctos*).

crenatum Rail., 1898b, 173 (s. *verrucosum* Giles).—Rans., 1911a, 102 (s. v.).

filiforme Mol., 1857a, 217, 220–222, figs. 7–9 (s. *Fil. gracilis simiæ-inui*) (in *Simia inuus*; by Brems.).—Linst., 1899b, 22 (so. *F. g.*).—Neum., 1894d (1895a), 472, 473–474 (10–11) (in *Inuus ecaudatus*; by Brems.).—Stoss., 1897b, 132–133 (120–121) (s. *Dipetalonema caudispina*, *Fil. caudispina*, *cebi-carayæ*, *cebitrivrati*, g.) (in *Ateles paniscus*, *A. variegata*, *Callithrix personata*, *Cebus apela*, *C. capucinus*, *C. caraya*, *C. fatuellus*, *C. hirsutus*, *C. robustus*, *Chrysothrix sciurea*, *Cynocephalus sphinx*, *Eriodes arachnoides*, *Hapale bicolor*, *H. chrysopyga*, *H. melanura*, *H. midas*, *H. rosalia*, *Inuus ecaudatus*, *Lagothrix cana*, *Mycetes seniculus*, *Nyctipithecus trivirgatus*, *Pithecia monacha*).—Also reported for *Cercopithecus* sp.

ingluvicola Rans., 1904c, 1–3, 2 figs. (in *Gallus dom.*; U. S. A.); 1906f, 295.—Ciurea, 1914, 55–59, figs. A–C, pl. 5 fig. 4, pl. 6 figs. 3, 5.—Corelezzi, 1915, 153.—Fiebiger, 1912a, 240.—Gedøelst, 1911a, 110 (in chicken; Wash.).—Hut. & Mar., 1913b, 258.—Nev.-Lem., 1912a, 831.—Rail., 1915, 493; 1915, IVC, 735.—Seur., 1916, CrSB, 717.

minimum Mol., 1857a, 217, 218–220, figs. 1–6 (s. *Fil. musculi*) (in *Mus musculus*; M. C. V.).—Hall, 1916a, 191 (so. *musculi*); 1916b, 520.—Neum., 1894d (1895a), 472 (10) (so. m.).—Rans., 1911a, 100.—Also reported for *Mus decumanus*.

micronatum Seur., 1916, CrSB, 718–721, 738, 739, 741, figs. 1, 3–5 (s. *pulchrum* Mol. of Seur., 1912 and 1914) (in *Erinaceus algirus*; larva in *Ateuchus sacer*, *Onitis irroratus*, *Ontophagus bedeli*, *Geotrypes douei*, *Gymnopleurus sturmi*; Algeria); 1916, 317–319, 346, 358, fig. 11 (s. *pulchrum*) (in A. s., G. d., G. s., G. n., O. i., O. b.).—Maupas & Seur., 1916, 615.

musculi (Rud., 1819) Neum., 1894d (1895a), 472 (10) (s. *minimum*) (in *Mus musculus*).—Hall, 1916a, 191–192, figs. 248–251 (in M. m.; Austria); 1916b, 520.—Seur., 1916, CrSB, 726.—Stoss., 1897b, 132 (120) (s. m.) (in M. m.).

neoplasticum Fibiger & Ditlevsen, 1914, 1–28, 3 figs., 4 pls. to Spiropt. (G.) (in *Cavia cobaya*, *Lepus cuniculus*, *Mus decumanus*, *M. d. albus*, *M. musculus*, *M. rattus*; larva in *Blatta germanica*, *Periplaneta americana*, *P. orientalis*, *Tenebrio molitor*; originally in Copenhagen, probably from Dorpat); 1914, ZK, v. 14, 295–326, 2 pls. (in *Erinaceus europæus*, *M. dom.*=[*musculus*], *M. r.*, *M. sylvaticus*, *Sciurus vulg.*).—Hall, 1916a, 4, 191, 193–196, 198, 199 (in *Cavia porcellus*, *Epimys norvegicus*, *E. rattus*, *M. m.*, *Oryctolagus cuniculus*;

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neoplasticum—continued.

Denmark, Danish W. Indies).—Rans. & Hall, 1916 [for 1915], JP, 84, 86 (in C. c., *Ectobia germanica*, L. c., M. d., M. r., M. m., P. a., P. o., *Tenebrio molitor*).—Seur., 1916, 346 (in E. g., *Stylopyga americana*, S. *orientalis*); 1916, CrSB, 724-726 (in M. *norwegicus*; Algeria).—[See also *Spiropt. species* Fibiger & Ditlevsen, 1913].

pulchrum Mol., 1857a, 217, 223, figs. 13-15 (in *Sus scrofa fera*; M. C. V.).—Cobbold, 1879b, 412.—Cortelezzi, 1915, 153.—Hut. & Mar., 1906a, 208; 1910b, 249.—Kitt, 1865a, 31-33 (in swine; Münch.).—Korzil, 1877a, 220.—Neum., 1894d (1895a), 468-470 (6-8) (in S. s. f., S. s. dom.; Mus. Wien, Tébéssa).—Rail., 1893a, 541 (? so. *scutatum*).—Rans. & Hall, 1916, 86 (in *Ectobia germanica*, pigs).—Seur., 1912, 276, 278-279, figs. 4, 5 (in *Erinaceus algirus*; N. Africa); 1913, 127 (in *Macroscelides rozeti*); 1916, CrSB, 717, 718 (of Seur., so. *mucronatum*), 726-729, 738, 741 (s. *confusum*) (in *Macacus sinicus*, sanglier, porc, âne; Algeria); 1916, 319, 358.—Sl. & Sw., 1912a, 400.—Stoss., 1897b, 131 (119) (in S. s.; Wien, Algeria).—Ward, 1895a, 334 (in *Bos taurus*), 340 (in *Equus cab.*).

scutatum (Leuck., 1873) Rail., 1892, v. 69, 694-696 (in horse, ox); 1893a, 541 (s. *pulchrum*); 1915, 493 (of Leuck.).—Aless., 1908, v. 10, v. 17, 2 s., v. 9 (3-6), 163-166, 1 fig.—Cortelezzi, 1915, 152, 153, 154-162, figs. 1-4.—Fayet, 1895b, 516-517.—Fiebiger, 1912a, 239.—Gedöelst, 1911a, 110 (in goat, horse, ox, sheep, zebu).—Harms, 1876a, 76.—Hut. & Mar., 1906a, 208; 1910b, 249; 1913b, 255.—Marzocchi, 1909, 69, 74.—Neum., 1894d, 465-468 (3-6), figs. 1-2 (in bœuf, cheval, chèvre, mouton), 470 (=G. *verrucosum*).—Nev.-Lem., 1912a, 825.—Piana, 1896b, 147 (in pecore).—Rail., 1915, IVC, 735 (in horse).—Rans., 1911a, 14, 100-101, 121, 122, figs. 119-122 (in *Bos taurus*, B. *indicus*, *Capra hircus*, *Ovis aries*; Europe, U. S., India, N. Africa, Australia).—Rans. & Hall, 1915, 1 (3), 154 (life history); 1916, JP, v. 2 (2), 80-86 (in *Aphodius femoralis*, A. *granarius*, A. *fimetarius*, A. *coloradensis*, A. *vittatus*, ? A. *inquinatus*, *Ectobia germanica*, *Onthophagus hecate*, O. *pennsylvanicus*); 1917, JP, v. 3, 177-181.—Salmon & Stiles, 1902c, 84.—Seur., 1912, 276-278, figs. 1-3; 1914, 1017; 1916, CrSB, 717, 727, 729-738, 739, 740, 741, figs. 1-5 (in bœuf, chèvre, mouton, dromadaire, cheval, *Erinaceus algirus*, *Macacus sylvanus*, *Blaps* sp., B. *appendiculata*, B. *strauchi*); 1916, 315-317, 346, 358 (in B. a., B. s., B. sp., *Dipodilla campestris*, E. a.).—Sl. & Sw., 1912a, 400-403.—Stiles & Hass., 1894e, 348 (in B. t.).—Stoss., 1897b, 130-131 (118-119) (in B. t., B. *indicus*, C. h., *Equus cab.*, O. a.).—Vaull., 1901, 126.—Ward, 1895a, 334 (in B. t.), 337 (s. *verrucosum*) (in O. a.), 340 (in E. c.).—Also reported for *Sus scrofa*, S. s. dom.

species Hall, 1916a, 191, 198-199 (in *Castor fiber*; Michigan).

spirale Mol., 1857a, 217, 222, figs. 10-12 (in *Cervus dama*; M. C. V.).—Neum., 1894d (1895a), 473 (11) (in C. d.).—Stoss., 1897b, 133 (121) (in C. d.).

ursi (Duj., 1845) Neum., 1894d (1895a), 473 (11) (s. *contortum*) (in *Ursus arctos*; M. C. V.).

verrucosum (Giles, 1892) Neum., 1894d (1895a), 470-472 (8-10), fig 4 (in mouton, zebu; India) (s. *scutatum*, of Rail. nec Leuck.).—Gedöelst, 1911a, 110 (in sheep, zebu).—Hall, 1916a, 199.—Nev.-Lem., 1912a, 825.—Rail., 1898b, 173 (so. *crenatum*); 1915, 493 (in sheep).—Rans., 1911a, 14, 17, 100, 102, 121, 122, figs. 123-125 (in *Bos indicus*, *Ovis aries*; I.).—Rail., 1915, IVC, 735 (in sheep).—Stoss., 1897b, 131-132 (119-120) (in B. i., O. a.; I.).—Ward, 1895a, 337 (in O. a.).

GONGYLONEMINÆ Hall, 1916a, 190-191; 1916b, 520.

GORDIACEA Sieb. [nv.].—Assmuss, 1858, v. 2, 177-181 (in insects); 1865, 48-55.—Braun, 1895b, 213, 246; 1906a, 340.—Cam., 1888d, 737; 1903, 22-29; 1908, v. 2, 113-117; 1909, 578.—Carus, 1863, v. 1, 464, 465 (ord., contains Gordiidea, Mermitheae, Sphaerulariaceae) (s. *Nematoda aprocta* Dies.).—Cast. & Chalm., 1910a, 445, 450, 941; 1913a, 564.—Daniels, 1910, 120.—Leidy, 1870.—Linst., 1883b, 623-633.—Maxwell, 1908, v. 22, 98 (case).—Meissner, 1855a, 1-144, pls. 1-7.—Montg., 1898a, 23-59, pls. 1-15, figs. 1-123 (American); 1898b, 333-334, pls. 19-20, figs. 1-23; 1898e, 543; 1899, v. 33, 647-652; 1900a, 95-98, figs. 1-6; 1904a, 20; 1907, v. 53, 270-272, 3 figs.—Mordw., 1908, v. 13 (1-2), 146.—Schneid., 1866a, 176.—Sieb., 1848, v. 9, 295-300; 1850, v. 11, 332-336.—Stiles, 1907, 531; 1907c, 53, 54; 1914, MM, v. 2, 296.—Verdun, 1907, 428-429.—Ward, 1895, 324; 1903, 224; 1903, 205 (hairsnakes; subc. of *nematoda*); 1916, 676, 703.—Weinl., 1858a, 28 (f. of *Chordacea*).

- GORDIACEÆ** Leidy, 1851c, 262-263, 266, 275.—Aitken, 1866, 873; 1872, 170.—Cam., 1888d, 737.—Girard, 1852a, 279-284.—Leuck., 1886d, 35, 90.
- Gordiaceen** (German vernacular name for Gordiacea).—Assmuss, 1858, 171-181.—Carus, 1863, v. 2, 456, 458, 459.—Linst., 1883b, 623-663.—Meissner, 1855a, 1-144.—Müll., 1859b, 136-137.
- GORDIACEI** Sieb. (1844), 1850c, 662; 1854b, 101.—Krefft, 1871a, 209.
- Gordiaces** (French vernacular name for Gordiacea).—Lab., 1862, 255-256.—Rail., 1893a, 562-563.
- Gordiens** (French vernacular name for Gordius).—Villot, 1881a, 1-44, pls. 4-5; 1887a, 189-212; 1888a, 70-72; 1889, 411; (1891c), 136-138; 1895a, 657, 659-664, figs. 1-4.—Cam., 1895a, 1-14; 1913, 31-33.—Guiart, 1910a, 259, 260, 429.
- GORDII** (see Gordius) Leidy, 1846c, 108.—Cam., 1908, v. 23 (578), 1-2.—Southern, 1909, v. 18, 115-117.—Villot, 1887f, 959.
- GORDIIDÆ** Dies. [nv.; see Gordiidea].—Assmuss, 1865, 48.—Blunck, 1915, ZA, 289-290.—Braun, 1883a, 160.—Cam., 1897k, 387-388; 1903, 34.—Claus, 1885a, 296.—Cobbold, 1879b, 5.—Ebner, 1910, v. 47, 121-123.—F., S., & T., 1916a, 375.—Hartmeyer, 1909, 86-88, figs. 1-5.—Janda, 1894b, 590-591.—Jägers., 1909, 1-92, figs. 1-85.—Kholodk., 1898, 2; 1899a, 184.—Linst., 1906, PZSL, v. 3 (2), 556-557, fig. 95.—Rauther, 1905a, 1-94; 4 pls.; 1905b, 595-596.—Ritchie, 1915, SN, in 111-115, 136-142, figs. 1-7, 255-262 (Scotland); 1916, 198-199.—Römer, 1896a, 210-211; 1896g, 247-295, pl. 14 figs. 1-3c; 1897a, 306; 1897b, 290.—Rollett., 1888a, 686, 688.—Runther, 1904b, 416.—Shipley, 1896, 150; 1901b, 123, 164f.—Stiles, 1907c, 53, 56, 67.—Svábenik, 1908, ZA, v. 33, 385-388; 1910, 1-64, 4 figs.—Vejd., 1888b, 583-585; 1888, 188-216; 1894d, 684-685; 1898a, 382-384.—Villot, 1887b, 593; 1887e, 958-959; 1889, 304-306.—Wierzejski, 1896a, 216-217.
- Gordiiden** (German vernacular for Gordiidae).—Vejd., 1886a, 369-433, pls. 15-16; 1886b, 186; 1888a, 188-216; 1888b, 583-585; 1894a, 642-703, pls. 27-30; 1894b, 1-39; 1894c, 223-226; 1894d, 684-685.—Hofmæn., 1913, 282-286, 1 fig.—Janda, 1893a, 595-612, pls. 19-20; 1894a, 1-19, pls. 9-10; 1894b, 590-591; 1895a, 1-4, figs. 1-4; 1895b, 343.—Levander, 1908, v. 34, 106-109.—Linst., 1906, v. 3 (2), 241-248, pls. 4-5, figs. 1-26.—Rauther, 1904a, 606-614, figs. 1-4; 1905a, 1-94, pls. 1-4 figs. 1-40; 1905b, 595-596.—Römer, 1895a, 197-200; 1895b, 790-803, pl. 19 figs. 1-10; 1896a, 210-211; 1896d, 81; 1896g, 247-295; pl. 14 figs. 1-3c; 1897a, 306; 1897b, 290.—Runther, 1904a, 606-614, figs. 1-4.
- GORDIIDEA** Dies. [nv., see Gordiacea].—Carus, 1863, v. 2, 464 (fam. contains Gordius).
- GORDIUS** Linn., [1746a, 363 (based on *G. aquaticus*); 1758a, 644, 647 (tsd. *aquaticus*) (not Gordia Melichar, 1903, insect)].
- (AUSTRALIA) Krefft, 1871a, 210.
- (AUSTRIA) Claus, 1861a, xx.—Slawikowski, 1819, 8, 56.
- (BELGIUM) Gedœlst, 1911a, 134, fig. 179.
- (BOHEMIA) Janda, 1894a, 9-10; 1894b, 590-591; 1895a, 1-4, pl. 6 figs. 1-4; 1895b, 343.—Srámek, 1901a, 102.—Vejd., 1888a, 188-215, pl. 18; 1888b, 583; 1898a, 382-384.
- (CAIRO, EGYPT) Looss, 1892a, 27, 28, 41, 62, 67; 1902m, 747-748, 749.
- (DEUTSCHLAND) Assmuss, 1865, 48, 49-51.—Braun, 1895b, 213; 1897a, 1475; 1903a, 252, 253; 1903a, 348.—Büetsch., 1876, 229.—Burm., 1837a, 535; 1856a, 280.—Carus, 1863, v. 2, 457.—Crep., 1846b, 154, 176, 177.—Eichw., 1829a, 252.—Gieb., 1862a, 330-332.—Goetze, 1792, 76.—Hartmeyer, 1909, SFD, 86, 87.—Hempelm., 1912a, v. 7, 101.—Herbst, 1787a, 13, 21.—Küech., 1855a, 225, 227.—Leuck., 1863a, 64, 79, 155; 1867a, 9, 13, 14, 16, 18, 42, 96, 97; 1876a, 615, 700; 1879a, 46, 82, 84, 105, 146, 176; 1886d, 35, 59, 62, 63, 79, 112, 113, 137.—Linst., 1902a, in 217-232, pl. 1; 1905o, in 25-80; 1906, v. 3 (2), 241-248, pls. 1-2; 1907, AN, v. 2 (3), 1-56.—MacCallum & MacCallum, 1916, ZJ, 159.—Nordm., 1840a, 670-671.—Pall., (1760a) 1768a, 256-257.—Rauh, 1779a, 11.—Rud., 1809a, 72, 76, 79.—Schneid., 1866a, 3, 7, 9, 11, 26, 30, 176, 178-180, 182, 185, 193, 194, 199, 200, 206, 208, 210, 213, 215, 217, 231, 241, 242, 243, 245, 250, 251, 252, 274, 278, 292, 314, 332.—Sieb., 1837b, 254; 1838b, 292, 302; 1843e, 302, 307; 1854a, 8, 13.—Werner, 1782a, 5-10.
- (DENMARK) Abildg., 1790, 27.—Müll., 1774, 30.

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- (FRANCE) Bail., 1866b, 6, 10.—Ben., 1858a, 1861a, 337, 342.—R. Bl., 1897, 63–65.—Blainv., 1828a, 536–537.—Bosc, 1802a, v. 1, 225–230.—Brug., 1791a, 89, pl. 29.—Donnadieu, 1877, 57.—Duj., 1845a, 296–298.—Dum., 1807a, 25–26.—Gadeau de Kerville, 1885a, clx.—Guiart, 1910a, 259, 260, 429.—Hahn, 1894a, 11.—Lam., 1801a, 329.—Maison, 1902a, 547–548.—Moniez, 1896a, 414.—Nev.-Lem., 1904a, 133; 1906a, 319, 321; 1908a, 510.—Rail., 1893a, 562–563.—Villot, 1874a, 39–72 (monograph) (s. *Seta*, *Seta palustris*, *Vitulus aquaticus*, *Lumbricus aquaticus*, *Amphibæna aquatica*), 181–238, figs. 1–75; 1875e, 82–83; 1878, 5, 7, 8; 1886a, 271–318, figs. 1–26 (revision); 1887b, 593.
- (GR. BRIT.) A., D., & E., 1901b.—Barbut, 1783a, 6.—Rollest., 1870a, 134, 137; 1888a, 684.—Shipley, 1896a (1901b), 164, 165, 168, 169–170, 171.
- (ITALY) Balsamo-Griv., 1843a, 326–328; 1843b, 186–188; 1845a, 3–23, figs. 1–15.—Cam., 1888g, 294–295; 1888, 63; 1890, BMZ 4c, v. 5, 1–2; 1893c, 213–216; 1894c, 334; 1897g (h), 339–418, figs. 1–49 (monograph); 1903, v. 8, 22–29.—Maggiora, 1891b, 151.—Par., 1894a, 460, 469, 487.—Scortegagna, 1851a, 150–161.
- (NETHERLANDS) Coster, 1864a, 1–23; 1864b, 1–47.
- (NEW ZEALAND) Benham, 1901a, 66.
- (RUSSIA) Fisch. Waldh., 1799a, 96.—Kawall, 1857a, 98–101; 1857, 134–135.—Kholodk., 1899a, 184.—Knoch, 1862e, 30.
- (SWEDEN) Ols., 1867a, 1; 1869b, 482, 487.
- (U. S. A.) Girard, 1852a, 279–284.—Leidy, 1846c, 108; 1857b, 204; 1872c, 305–307; 1879g, 10–11; 1879h, 457–458.—McCrary, 1874a, 189.—Montg., 1898a, 25; 1898b, in 333–334, pls. 1–2; 1907, v. 59, in 270–272, figs. 1–3; 1899a, 650–651, 652.—Pratt, 1916a, 227.—Riley, 1878a, 326, 327, 331, 333.—Sanford, 1856a, 250.—Stiles, 1901, 164; 1907c, 54, 56, 57, 58, 67, 68; 1914, MM, v. 2, 271, 272.—Stiles & Hass., 1905b, 109 (type *aquaticus*).—Ward, 1903d, 707.—Wyman, 1861a, 278.
- (MISCELLANEOUS) Browne, 1756, 381 (the guinea worm).—Martini, 1908, 558.—Meisner, 1807, 25.—Westwood, 1851, 400.—Wilmsen, 1821, v. 3, 11.
- Anatomy:** (BOHEMIA) Svábenik, 1909, v. 7, 1–64; 1910, JRMS, (3) 317.
- (DEUTSCHLAND) Grenacher, 1868a, 322–344, pls. 23–24; 1869a, 308–311; 1869b, 361–364; 1869, QJMS, v. 9, 88–89.—Schep., 1908e, 230–241, figs. 1–32.
- (FRANCE) Duj., 1842a, 117–119; 1842b, 256 (and *Mermis*); 1842e, 129–151, pl. 6 figs. 1–16.—Villot, 1887a, 189–212; 1887e, 958–959.
- (ITALY) Cam., 1888b, 1–6; 1888c, 243–248; 1888d, 737.
- , cerebral ganglion: (DEUTSCHLAND).—Rauther, 1904a, 606–614, figs. 1–4.
- , circum-intestinal cavity: (FRANCE) Villot, 1889b, 685–687; 1889d, 388.
- , epidermis: (FRANCE) Michel, 1888a, 1175–1177, fig. 1; 1889a, 1–2.
- , hypodermis: (FRANCE) Villot, 1889a, 304–306; 1889c, 388.
- , integument: (ITALY) Cam., 1889a, 1–4.
- , muscles: (DEUTSCHLAND) Grenacher, 1869c, 287–288, fig. 4.
- (ITALY) Cam., 1893d, 1–2; 1893e, 221–223; 1893f, 1–15; 1894a, 38.
- , nervous system, peripheral: (FRANCE) Villot, 1889a, 304–306; 1889c, 388.
- Classification:** (DEUTSCHLAND) Roemer, 1896g, 247–295.
- (FRANCE) Villot, 1884b, 84–88; 1887c, 505–509; 1887d, 627–628; 1887f, 959; 1888a, 70–72; 1888b, 228.
- (ITALY) Cam., 1897i, 225–229; 1897k, 387–388.
- Collections:** (CALCUTTA) Cam., 1908, RIM, v. 2 (3), 113–117 (Indian Museum); 1912, *ibid.*, v. 7 (3), 215–216.
- (HAMBURG) Roemer, 1895b, 790–803, pl. 19 figs. 1–10; 1896d, 81.
- (LEYDEN) Cam., 1895a (b), 1–14.
- (PETROGRAD) Cam., 1896d, 117–125; 1896e, 1–9; 1897a, 45.
- Development, evolution, life-history, etc.:** (AUSTRIA) Kollar, 1857a, 141 (and *Mermis*).
- (BOHEMIA) Vejd., 1894a, 642–703 (development of organs); 1894b, 1–39; 1894c, 223–226; 1894d, 684–685.
- (DEUTSCHLAND) Muehldorf, 1914, ZwZ, v. 111 (1), 1–75, figs. 1–4, pls. 1–3 figs. 1–37.

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(FRANCE) Villot 1872a, 363-365; 1872b, 231-232; 1872c, 1539-1542 (embryonic form); 1880a, 1569-1571; 1880b, 774-776; 1881a, 1-44, pls. 4-5; 1887c, 505-509; 1887d, 627-628; 1887f, 959; 1888a, 70-72; 1888b, 228; 1889h, 411-412; 1889i, 755-756 (ovo-genesis); 1891b, 329-401, figs. 1-29; 1892c, 370-371; 1896b, 123-125; 1896c, 1-3.

(ITALY) Cam., 1887f, 59; 1888a, 228; 1889, BMZAc, v. 4, 1-2; 1890a, 1-19, figs. 1-54.

(U. S. A.) Am. Nat., 1874, v. 8, 757.

Geographic distribution: (ARGENTINA) Cam., 1894b, 1-6, fig. 1; 1897f, 1-3; 1901b, 410.

(BIRMANIA) Cam., 1888h, 168-170; 1891b, 128-131, figs. 1-2; 1904, v. 19, 3.

(BOLIVIA) Cam., 1896a, 9-10; 1897b, 45; 1897f, 1-3.

(CEYLON) Cam., 1903, BMZAc, v. 18 (438), 1-2; 1903, SZ, v. 1, 34-35.

(CHILI) Cam., 1895c, 8-9.

(CHINA) Cam., 1895d, 99-100.

(ECUADOR) Cam., 1897e, 1-2.

(ENGANO) Cam., 1892d, 539-541; 1892e, 1-3.

(EUROPE) Cam., 1887b, 1-10; 1887c, 57; 1888e, 1-10, figs. 1-7.

(GALICIA) Wierzejski, 1896a, 216-217.

(GRENOBLE) Charvet, 1834a, 37-46; 1834b, 123-125; 1834c, 272; 1835b, 37-38; 1846a, 75; 1846b, 1-7, pl. 1 figs. 1-6.

(HEBRIDES) Pennant, 1774a, in 1-380; pls. 1-44; 1775a, 24.

(INDIAN ARCHIPELAGO) Cam., 1913, BtdD, v. 19, 31-33.

(IRELAND) Cam., 1908, BMZAc, v. 23 (578), 1-2.—Southern, 1909, IN, v. 18 (5), 115-117.

(ITALY) Cam., 1886a, 145-175, figs. 1-27; 1887a, 1-4; 1889, BMZAc, v. 4, 1-4; 1890, v. 5, 1-2.

(JEMTLAND, SWEDEN) Olss., 1876a, 147.

(MADAGASCAR) Cam., 1893b, 1-2; 1901d, 412 (and Sandwich Isl.).—Linst., 1897i, in 27-34, pl. 1-2.

(MALESIA) Cam., 1898a, 460-469, pl. 1; 1901a, 408.

(MATTO GROSSO, BRAZIL) Cam., 1901c, 111 (and Paraguay).

(MEXICO) Cam., 1898a, 460-469, pl. 1; 1898, BSzF, v. 23, 73-76.

(MONTAIGNE) Delaharpe, 1865a, 180-181 (in basin of a fountain).

(NEHEIM, DEUTSCHLAND) Reeker, 1895a, 27 (aqueduct).

(NEW GUINEA) Cam., 1914, v. 5, 541-542.

(PALMEIRA, PARANA) Cam., 1892b (c), 965-966.

(PARAGUAY) Cam., 1894b, 1-6, fig. 1; 1901b, 410; 1901c, 411.

(PYRENEES) Cam., 1905, BMZAc, v. 20 (505), 1-2.

(RHINE, UPPER) Lauterborn, 1906, VdzG, 268.

(SCOTLAND) Pennant, 1774a, 1-380, pls. 1-44; 1775a, 24.

(SIAM) Cam., 1903, BMZAc, v. 18, 1-3.

(SIBOGA, SUMATRA) Nierstrasz, 1907, 1-22, pls. 1-3; ZJ, 52.

(SUMATRA) Cam., 1894d, 410-412; 1894e, 1-3.—Villot, 1891c, 136-138.

(TIFLIS) Rosa, 1881a, 1-5; 1881b, 572-574.

(TURIN) Bacounin, 1790a, 23-42, figs. 1-16; 1791a, 204-214, figs. 1-17.

Morphology: (BOHEMIA) Vejd., 1886a, 369-433, pls. 15-16; 1886b, 186.

(DEUTSCHLAND) Rauther, 1905a, 1-94, pls. 1-4.

Parasitic: (FRANCE) Villot, 1884b, 84-88.

(ITALY) Cam., 1888f, 395-413.

—, in fish: (SWEDEN) Martin, 1771a, 261-269; 1775a, 258-266; 1775b, 431.

—, frog: (GR. BRIT.) Clarke, 1831a, 95-96, fig. 15.

—, in insects: (AUSTRALIA) Froggatt, 1908, v. 12 (5), 438 (codling moth).

(DEUTSCHLAND) Fiedler, 1909, ZwiI, v. 5, 135 (caterpillar of *Cucullia scrophulariæ*).—Gemminger, 1849a, 63-64.—Muell., 1859b, 136-137 (in Kerfen).

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Parasitic—continued.

- (FRANCE) Chavannes, 1864a, 183 (in *Locusta viridissima*).—Duf., 1837a, 5-20, pl. 1 figs. 1-16.
- (GR. BRIT.) Brightwell, 1835, ZJ, v. 5, 397-399 (*Molops madidus*).—Chapman, 1902a, 42 (*Erebia euryale*); 1905, AN, v. 2 (3), 47.
- (INDIA) Green, 1902, JBNHS, v. 14, 610 (*Mantis*).
- (NATAL) Pelser-Berensberg, 1909, ZwI, v. 5 (9), 284-285, fig. 1.
- (U. S. A.) Insect Life, 1892, v. 4 (3-4), 140.—Leidy, 1879e, 383-384 (cockroach).—McCook, 1885a, 293-294 (cricket).
- , in leech: (U. S. A.) Leidy, 1879e, 383-384.
- , in *Limneus*: (GR. BRIT.) Jeffreys, 1890, TLS, v. 16 (2), in 323-392.
- , in man: (CHINA) Maxwell, 1908, CMMJ, v. 22 (2), 98.
- (FRANCE) Guéguen, 1905, BSp, v. 12, 257-266, pl. 8 figs. 1-9.
- (ITALY) Cerrutti & Cam., 1888a, 264-269; 1888b, 1-6.—Fiori, 1881a, 727-736
- (SWEDEN) Martin, 1771a, 261-269; 1775a, 258-266; 1775b, 431.
- (SWITZ.) Herzog, 1913, CSA, v. 43, 1065-1068; 1913, MmW, v. 60 (41), 2302; 1913, JAMA, v. 61 (13), 1079.—Zsch., 1912, CIB, v. 63 (1), 64-67 (*G. aquaticus*).
- (U. S. A.) Clark, 1854a, 418.—Stiles, 1907c, in 53-68, figs. 35-55.
- , in *Orchelimum glaberrimum* or *O. vulgare*: (U. S. A.) Riley & Vasey, 1889, AE, v. 2 (2), 64.
- , in sheep: (GR. BRIT.) Crisp, 1873b, 276-279, figs. 1-17.
- Polymorphism: (FRANCE) Villot, 1895a, 659-664, figs. 1-4.
- (ITALY) Cam., 1888f, 395-413.
- Pseudo-parasitism: (FRANCE) R. Bl., 1897d, 614-618.—Guéguen, 1905, CrSB, v. 59 (31), 398-400.—Lab., 1897b, 675.
- Superstitions regarding: (FRANCE) Marnay, 1902a, 297.
- (GR. BRIT.) Leiper, 1913, JLSTM, v. 2 (3), 175-176.—Lister, 1672a, 4064-4066; 1731a, 771.
- abbreviatus* Villot, 1874a, 57, pl. 1, fig. 4 (*Île Bourbon*; Mus. Par.).—Cam., 1897g, 391 (53) (to Parachord.).
- aceti* (Müell., 1783) Oken, 1815a, 191.
- acilii-sulcati* Dies., 1851a, 92 (in *Acilius sulcatus*; Eng.).
- acridiorum* Weyenbergh, 1879, v. 3 (2-3), 216-217 (in *Acridium paranense*; Cordoba); 1880d, 108-109 (in A. p.; Argentine); [1880], 108-109.—Cam., 1897g, 413 (75) (A.).—Conil, 1880, v. 3 [(2-3)], 177-259, pls. 2-5.—Linst., 1889a, 106 (in A. p.).—Montg., 1898a, 27.
- acrydii* Dies., 1851a, 97 (based on Fil. Serres Ann. Mus. d'hist. nat., v. 20, 369, pl. 21 fig. 7) (in *Acrydium tuberculatum*; Ing.).
- acuminatus* (Rud., 1809) Oken, 1815a, 190 (in *Noctua nupta* to (Fil.)).
- ælianus* Cam., 1894d, 410 412 (1-3) (hng.; Doloc Surugnan Sumatra); 1897g, 380 (42) (to Chord.).
- æneus* Villot, 1874a, 52, pl. 2 fig. 12 (Cumana, Venezuela; Mus. Par.), 67.—Cam., 1891a, 125; 1896d, 121 (5); 1897g, 405 (67) (V.); 1903, [17 Mar.], 3.—Montg., 1898a, 27.—Oerley, 1881a, 329.—Roemer, 1895b, 794; 1896g, 268.
- affinis* Villot, 1886a, 302-303, pl. 13 figs. 4-7. (Grenoble).—Cam., 1888e, 1-10; 1888f, 395-413; 1897g, 396 (58) (so. Parachord. pustulosus).
- agassizi* Montg., 1898a, 38-39, figs. 63-66 (*Sandwich Ids.*).
- agrotidis-ripæ* Dies., 1851a, 104 (in *Agrotis ripæ*; quotes Sieb., 1850, 7).
- alascensis* Montg., 1907, 270-271, 272, figs. 1-3 (*Snug Harbor, Cook Inlet, Alaska*).
- alatus* (Rud., 1809a) Oken, 1815a, 190 (in *Simia maimon* to (Fil.)).
- alaudæ* (Zed., 1803) Rud., 1809a, [72], 355 (to Fil.) (quotes Gæze, 1782a, 125) (in Leipziger Lerche).
- alfredi* Cam., 1894b, 1 3 (hng.; S. Pablo, S. A.); 1897g, 390 (52) (to Parachord.).—Montg. 1898a, 28.
- alpestris* Villot, 1884, 44-45 [n.v.]; 1886, 294, pl. 13 figs. 1-3.—Cam., 1886a, 156-157, 158, figs. 10-13 (*Vallone delle Veggia, Biellese, Aizy-Sur-Noyare Italy*); 1887a, 4; 1888e, 1-10; 1897g, 393 (55) (to Parachord.).—Guéguen, 1905, 398-400 (in

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alpestris—continued.

Homo; France); 1905, v. 12, 257-266, pl. 8 figs. 1-9.—Stiles, 1907c, 55 (in H.; F.); 66 (to Parachord.).

angulatus Linst., 1906, v. 2 (2), 243, pl. 4 fig. 2 (Funchal, Madeira).

annulatus Linst., 1906, v. 2, 243 (in *Ontonotus onos*; Amur, E. Siberia).

aphidis gallarum abietis Dies., 1851a, 100 (in *Chermetis abietis*-larva; Hartig, 1834).

aphrophoræ-spumariæ Dies., 1851a, 100 (s. *Fil. cercopidis* Rud., *F. ptyelæ-spumariæ*) (in *Aphrophora* (*Ptyela*) *spumaria*).

api-cancriformis Dies., 1851a, 86 (s. *Fil. monoculi* Gmel.) (in *Apus cancriformis*).

aquaticus Linn., 1758a, 647 (s. *Gordius*, *Vitulus aquaticus*) (*argilla et aquis*).—Aitken, 1866, 873; 1872, 170.—A., D., & E., 1901b, 2.—Assmuss, 1858, v. 2, 178 (in *Steteophyma variegatum*; Tirol) (in *Oryctes nasicornis*; Moscow) (in *Staphylinus maxillosus*; Bregen), 179 (in *Libellula pedemontana*; M.), 179 (in *Cordulia metallica*; Leipzig), 180 (in *Calpe libatrix*) (in *Zygæna filipendulæ*; M.), 181 (in *Plusia gamma*), 181 (in *Zerene grossularia*; M.), (in *Tabanus bromius*; Kaluga); 1865, 3.—Baird, 1834a, 23-26.—Barbut, 1783, 7, pl. 1 fig. 1.—Bennet & Olivier, 1826a, 56-57.—Berthold, 1842a, 1-20, figs. 1-14 (structure); 1843a, 1-18, figs. 1-18.—Blainv., 1828, 536 (s. *Seta palustris*, *Chaetia* Hill, 1752).—Blumenb., 1825, 240.—von Bolschwing, 1842a, 339-341 (in *Fussgeschwuren*) (cf. *medinensis*).—Bosc, 1802a, 230, pl. 8 fig. 4.—Braun, 1895b, 246; 1903a, 306; 1908a, 349; 1915a, 373.—Brug., 1791, 89, pl. 29 fig. 1.—Brumpt, 1910a, 479; 1913a, 540.—Burm., 1837, 535.—Cam., 1886a, 153 (of Berthold, 1843, 1, so. *tolosanus*), 165, 166, 167, 168 (Duj.), 166 (Linn.), 166, 167, 168 (Meissner), 166, 167, 168 (Villot); 1897g, 398 (of Berthold, 1843, so. *Parachord. tolosanus*) 407 (69) (of Villot, pars, so. *subspiralis* Dies.), 408 (69, 70) (of Villot, so. *villoti*), 411 (73) (of Roemer, pars, so. *doriæ*).—Cast. & Chalm., 1910a, 407, 445, 926; 1913a, 523, 565, 1293.—Chiaje, 1825a, 36.—Chilton, 1801a, 147-148.—Cobbold, 1866, 9; 1866b, 12.—Crep., 1846b, 177.—Criv., 1845a, 4, 6, 7, 10, 11, 12, 13.—Desmonceaux, 1868a, 9, 17, 18.—Dewitz, 1892b, 128, fig. 88.—Drummond, 1835, *Edinb. N. Phil. J.*, v. 19, 400.—Eichwald, 1829a, 253.—[Falk, 1787, v. 15, 84-85].—F., S., & T., 1916a, 479.—Fellmann, 1907, v. 1 (26), Sept. 21, 194.—Forel, 1888a, 18; 1889a, 28 (Leman).—Freund, 1907, 725 (teste Hope, in *Cobitis fossilis*, *Petromyzon fluvi.*).—Galli-Val., 1901c, 358.—Geddelst, 1911a, 134 (in H.).—Gmel., 1779, 47-48.—Goëze, 1792, 76.—Godsall, 1836, v. 9, May, 242.—Grube, 1849a, in 358-375, pl. 7 figs. 1-20.—Guilding, 1836, v. 9, May, 241.—Hannover, 1864a, 5.—Hartmeyer, 1909, fig. 5 (in *Silpha atrata*).—Hempelm., 1912a, 107, 108, fig. 20.—Herbst, 1787a, 21, 22-23.—Hofer, 1904a, 230, 314 (in *C. barbatula* P. f., *Thymallus vulg.*).—Huard, 1905, v. 32, 117-122, 1 fig.—Johnst., 1850, 98; 1857, 262.—Kathariner, 1915, NW, v. 30, 330-331.—Kholodk., 1899a, 184.—Kirtland, 1836, 172 (in grasshopper); 1844a, 5.—Kolb, 1898, 29.—Krøyer, 1852-53a, 1114.—Lam., 1801a, 329 (s. *Seta palustris*).—Lauterborn, 1913, 871.—Leidy, 1850c (1904a), 98-100 (33-36) (development); 1851c, 262-263 (pars=varius), 266, 275; 1852b, 98; 1856b, 57 (s. *lineatus*, *robustus*, *Seta*).—Leuck., 1863, 38; 1867b, 151, 155; 1876a, 615, 649, 700; 1879a, 46; 1886d, 35.—Linst., 1883d, 373-374 (intermediate host); 1884, 137; 1892g, 503; 1898d, 747-763, pl. 22 figs. 1-8 (development); 1905, 191.—Merkel, 1857a, 34-35.—Meyer, 1913, *ZwZ*, 125-135, pls. 1-2.—Moniez, 1896, 413.—Montg., 1898a, 24, 27, 30, 32; 1899a, 651, 652.—Müll., 1859b, 136-137 (in Kerfen).—Nev.-Lem., 1902a, 128 (fig.), 129; 1904a, 132, 133; 1906a, 320, fig. 1, 321; 1908a, 512.—Nordm., 1840, 671.—Oerley, 1881, 329.—Par., 1901c (1901f), 627 (4) (so. *tolosanus*), 628 (5).—Pellieux, 1824a, 185-197; 1825a, 493; 1826a, 289-291; 1827a, 169; 1832a, 178-179.—Pepper, 1874a, 239.—Plotnikov, 1901, 247.—Riley, 1878, 329, 331, fig. 66.—Ritchie, 1915, 114, 141, 259, 261, 285.—Roemer, 1895, 791; 1896, 258, 259.—Rollest., 1888a, 687 (1st larva in mollusks, 2d larva in carnivorous insects, e. g., *Dytiscus*, *Carabus*, *Mantis*).—Rosa, 1882a, 334 (Duj. of Villot, so. *villoti*), 336, 337, 338.—Rudow, 1904, v. 18, 69-70.—Schneid., 1866a, 8, 180.—Schreitmüller, 1911, 495-497, figs. 1-5.—Scortegagna, 1840a, . . . —Sieb., 1838, 303; 1839, 159; 1846a, 182-183; 1850, 645, 646, 662-664; 1855c, 142, 143 (in *Carabus violaceus*, *Feronia melanaria*, *Omasus melas*, *Dytiscus marginalis*, *Locusta viridissima*, *Decticus verrucivorus*, *Gomphocerus viridulus*).—Silva, 1873, 153.—Stiles, 1914, MM, v. 2, 296, 315.—Stiles & Hass., 1894e, 351 (in *Blatta* sp.).—Thomps., 1855, 184.—Thorn, 1898, 164.—Topsent, 1900, 89, 91.—Tretjakov, 1901a, 19-22, 24; 1903a,

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- 34-35.—Villot, 1874a, 48, 49-50 (Europe, N. A.), 51, 65, 67, 68; 1886, 277; 1896, 258.—Wesenberg-Lund, 1910, v. 3, 122-127, 2 figs.—Westwood, 1851, 400, fig. 209.—Wilmsen, 1821, v. 3, 12-13.—Zsch., 1884, 6, 12, 81-82 (in *Thymallus vulg.*); 1896, 784, 820; 1912, v. 35, Apr. 19, 636 (in H.); 1912, v. 63, 64-67.—Also reported for *Rana temporaria*.
- , Cases in Man (*Homo*): Bacounin, 1791a, 207, 209.—R. Bl., 1890a, 88-90 (of Degland, so. *G. tolosanus* Duj.).—Cerruti & Cam., 1888b, 2.—Degland, 1823, 166-169; 1825, 309-310.—von Bolschwing, 1842a, 339-341 (in foot).—Hebra, 1875, 69-70.—Linst., 1906, v. 2 (2), 245.—Par., 1901f, 4, 5.—Patruban, 1875, 69 (Dalmatia).—Rail., 1893a, 562-563 (of Degland) (so. *tolosanus*).—Sieb., 1854, 107-109 (Bavaria).—Stiles, 1907c, 55 (Austria, Bavaria, Dalmatia, France), 56, 57-58 (Europe), 67, 68.—Zsch., 1912, S, 636 (1).
- aquaticus difficilis* Montg., 1898a, 31-32, figs. 14-15 (N. Carolina); 1899a, 650, 651 (N. A.), 652.—Stiles, 1907c, 67, 68.
- aquaticus robustus* (Leidy, 1851) Montg., 1898a, 28, 30, figs. 1-13, 16-19; 1899a, 651 (N. A.), 652.—Cam., 1903, 3.—Stiles, 1907c, 63, 67, 68.
- aquatius* Lauterborn, 1913, 871 (for *aquaticus*).
- aranæ* (Rud., 1809) Dies., 1851a, 87 (in *Aranæ* species incerta).
- aranearum* (Schrank, 1803b) Oken, 1815a, 190 to (Fil).
- arenarius* Müell., 1774a, 33 (in fundo sabuloso sinus Christianiensis norvegiæ); 1776, 213.—Bosc, 1802a, 231.—Dies., 1851a, 107.—Gmel., 1790a, 3083.—Herbst, 1787a, 24.—Wilmsen, 1821, v. 3, 14.
- argillaceus* Linn., 1758a, 647 (intra Argillam).—Bacounin, 1791a, 206.—Barbut, 1783, 8, pl. 1 fig. 2.—Bosc, 1802a, 231.—Criv., 1845a, 4.—Dies., 1851a, 106.—Guattanus, 1782a, 358; 1785a, 101-234, pls. 1-5; 1792, v. 17 (2) 265.—Herbst, 1787a, 21, 23.—Müell., 1776, 213.—Schneid., 1866a, 8.—Wilmsen, 1821, v. 3, 13.
- attenuatus* (Rud., 1803a) Oken, 1815a, 190 (in Kræhen) to (Fil).
- barbitistes-perforati* Dies., 1851a, 96 (s. *Fil. ephippigeræ-perforatæ*) (in *Barbitistes perforatus*; M. C. V.).
- barbitistes-terricaudæ* Dies., 1851a, 96 (in *Barbitistes terricauda*; Wien).
- blanchardi* Villot, 1874a, 56-57, 67, pl. 1 fig. 1 (Ile de France; Mus. Par.).—Cam., 1897g, 417 (79) (s. *violaceus* Roem.) (*Isola mauritius*).
- blapis-mortisagæ* Dies., 1851a, 93 (in *Blaps mortisaga*; Eng.).—Seur., 1916, 358 (in B. m.).
- blapis-productæ* Dies., 1851a, 93 (in *Blaps producta*; quotes l'Institut, 1834, 129).—Seur., 1916, 358 (in B. p.).
- blattæ-orientalis* Dies., 1851a, 94 (in *Blatta orientalis*; Koenigsb.).—Seur., 1916, 352, 358.
- bombi* Dies., 1851a, 99 (in *Bombus spec. inc.*; by Owen).
- bombi-terrestris* Dies., 1851a, 99 (in *Bombus terrestris*; quotes Hope).
- bouvieri* Villot, 1885, 47 [av.]; 1886, 316, pl. 15 figs. 22, 26.—Cam., 1897g, 384 (46) (to Chord.).—Janda, 1894, 606.
- brachyceri-undati* Dies., 1851a, 93 (in *Brachycerus undatus*; Dalmatia).
- bradipori-laxmanni* Dies., 1851a, 95 (in *Bradyporus laxmanni*; Siberia).
- bronchialis* (Gmel., 1790) Duj., 1845a, 47 (martis Werner, 1782a, 9, pl. 18 figs. 20-21, renamed) (in a "Martre").—Ben., 1858a; 1861a, 267.
- buprestidis* Dies., 1851a, 92 (for *buprestis* Rud., 1809) (in *Buprestis spec. incerta* Boucher d'Abbeville).
- calathi-cisteloidis* Dies., 1851a, 89 (in *Calathus cisteloides*; Gœtt.).—Baird, 1853a, 113.
- calathi-stephensii* Dies., 1851a, 89 (in *Calathus stephensii*; Eng.).
- caledoniensis* Villot, 1874a, 62-63, 67, pl. 2 fig. 8 to (Chord.) (in *Mantis*; New Caledonia; Mus. Paris).—Cam., 1897g, 381 (43) (to C.).—Janda, 1894, v. 7.—Roemer, 1896, 282.
- calliptami-italici* Dies., 1851a, 97 (s. *Fil. calopteri-italici*) (in *Calliptamus italicus*; M. C. V.).
- capsularia* (Rud., 1802a) Oken, 1815a, 189 to (Fil.).

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- capillaris* Fabr., 1780, 270 [nv.].—Herbst., 1787a, 24 (free).—Wilmsen, 1821, v. 3, 14.
- capitosulcatus* Montg., 1898a, 39–40, figs. 67–70 (Cuba).
- carabi-alternantis* Dies., 1851a, 89 (in *Carabus alternans*; Sicilia).
- carabi-catenulati* Dies., 1851a, 89 (in *Carabus catenulatus*; Anglia).
- carabi-hortensis* Dies., 1851a, 88 (s. *Fil. carabi-nemoralis*) (in *Carabus hortensis*; Eng.).
- carabi-monilis* Dies., 1851a, 88 (in *Carabus monilis*; Eng.).
- carabi-morbillosi* Dies., 1851a, 88–89 (in *Carabus morbillosus*; Eng.).
- carabi-violacei* Dies., 1851a, 88 (in *Carabus violaceus*; Eng., Austria).
- catocalæ-fraxini* Dies., 1851a, 104–105 (in *Catocala fraxini*; M. C. V.).
- chilensis* E. Bl., 1849e, 109 (free; Valparaiso, Chili).—A., D., & E., 1901b, 2.—R. Bl., 1890a, 91.—Braun, 1903a, 306; 1908a, 349 (in *Homo*); 1915a, 373.—Brumpt, 1910a, 479; 1913a, 540.—Cam., 1886a, 153; 1897g, 413 (75).—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Dies., 1851a, 106.—F., S., & T., 1916a, 479.—Gedæst, 1911a, 134.—Linst., 1906, v. 2 (2), 245 (in *Homo*).—Moniez, 1896a, 414.—Montg., 1898a, 24, 26.—Nev.-Lem., 1902a, 129; 1904a, 133; 1906a, 319–321; 1908a, 513.—Par., 1901, 4, 5.—Rail., 1893a, 563.—Stiles, 1907c, 58 (in H.; Valparaiso, Chile); 1914, MM, v. 2, 296.—Topsent, 1900, 89.—Villot, 1874a, 52 (V., C.), 67.
- chinensis* Villot, 1874a, 56, 67, pl. 2 fig. 7 (Pekin, Par. Mus.).—Cam., 1896d, 120–121 (4–5); 1897g, 395 (57) (so. *Parachord. kaschgaricus*), 415 (77).
- chinensis* Villot of Cam., 1895a, 2 (Borneo) (not Villot); 1897g, 371 (33) (so. *Chord. weberi*).
- chironomi-plumosi* Dies., 1851a, 105 (in *Chironomus plumosus*; by Jenyes).
- chordodes* Dies., 1851a, 94–95 (s. *Chord. parasiticus* Crep., *Fil. acanthoditis* Sieb.) (in *Acanthodis glabrata*; Brazil).—Villot, 1874a, 61 (s. *Ch. p.*, *Fil. ac.*; Brazil), 67 (in A. g.).—Montg., 1898a, 25, 26.
- chordodes* Guéguen, 1905, 399 (for *Gordius* (*Chordodes*)).
- cinctus* Fabr., 1780a, 270, fig. 3 (in fundo marino arenoso ad littora; Greenland).—Brug., 1791a, 89, pl. 29 fig. 2 A–B.—Criv., 1845a, 6.—Dies., 1851a, 107.—Herbst, 1787a, 24.—Lam., 1816b, 219; 1840a, 671.—Nordm., 1840, 671.—Wilmsen, 1821, v. 3, 14.
- cocci* Dies., 1851a, 100 (in *Coccus spec. inc.*).
- cognetti* Linst., 1907, 174 (for *cognettii*).
- cognettii* Cam., 1904, v. 19 (468), 1–3 (Alta Birmania).—Linst., 1907, AN, Jhg. 67, v. 2 (8), 174.
- coleopterorum* (Rud., 1809) Oken, 1815a, 190 to (Fil.).—Dies., 1851a, 89 (s. *Fil. carabi*) (in *Carabus sp. incert.*).
- colymbetis-ferruginei* Dies., 1851a, 92 (in *Colymbetes ferrugineus*; Eng.).
- colymbetis-striati* Dies., 1851a, 92 (in *Colymbetes striatus*; by Dohrn).
- corixæ-striatæ* Dies., 1851a, 100 (in *Corixa striata*; by Ball, 1846, v. 17, 135–136).—[Sieb., 1850, 8.]
- coronatus* (Rud., 1809) Oken, 1815a, 190 (in *Coracias garrula*) to (Fil.).
- corrugatus* Cam., 1895a, 2–3 (Sumatra); 1897g, 405–406 (67–68) (in Coll. Leyden).
- crassus* Grube, 1849a, 370 (Africa).—Cam., 1886a, 153; 1897g, 413 (75) (Africa).—Linst., 1901, 418.—Villot, 1874a, 61 (A.; Mus. Berl.), 67.
- cychri-rostrati* Dies., 1851a, 88 (in *Cychnus rostratus*; Eng.).
- cymindis-humeralis* Dies., 1851a, 88 (in *Cymindis humeralis*; Wien).
- danielis* Cam., 1894b, 4–5 (in Prov. St. Louis, Argentine); 1897g, 406 (68) (A.).—Montg., 1898a, 28.
- dectici-albifrontis* Dies., 1851a, 96 (in *Decticus albifrons*; Sicilia).—Cam., 1886a, 161 (so. *tricuspidatus*); 1897g, 400 (so. *Paragord. tricuspidatus*).
- de filippii* Rosa (1881a); 1881b, 572–574 (to *Chord.*) (Tiflis, Georgia).—Cam., 1888, 1–63, pl. 1 fig. 5, 8, 16, 18; 1897g, 382 (44) (to C.).—Janda, 1894, 606.
- densareolatus* Montg., 1898a, 29, 33–34, figs. 32–33 (Wyoming); 1899a, 650, 651, 652; 1907, 272.—Stiles, 1907c, 68.
- deshayesi* Villot, 1874a, 53, 67, pl. 1 fig. 3 (Venezuela, Mus. Paris).—Cam., 1897g, 417 (79) (V.).—Montg., 1898a, 27.

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- diblastus* Oerley, 1881a, 331, pl. 18 fig. 6 (New Zealand).—Cam., 1897g, 417 (79) (N. Z.).
- difficilis* Montg., 1898a, 31 (N. Carolina), see *aquaticus difficilis* and *villoti difficilis*.
- doriæ* Cam., 1890b, 128–129, 2 figs. (in *Acanthodis*; Birmania); 1897g, 411 (73), 419, fig. 46 (s. *aquaticus, sphaerurus*) (in A.; Monti Carin, Birmania); 1908, 115–116 (India); 1904, 3; 1912, 216 (W. Himalayas); 1914, 542.
- drassi-fusci* Dies., 1851a, 87 (s. ? *aquaticus* Sieb, 1848, 295) (in *Drassus fuscus*; lng. by Grube).
- drassi-lucifugi* Dies., 1851a, 87 (in *Drassus lucifugus*; M. C. V.).
- dubius* Weyenbergh, 1879, v. 3 (2–3), 217–218; 1880d, 110–111.—Cam., 1879g, 413 (75) (Argentine).—Montg., 1898a, 27.
- dytiscorum* Legrand, 1856, 274 [nv.]; 1858a, clxxxv–clxxxvii (in *Dytiscus marginalis*; Tróyes).
- elachistæ-cygnipenellæ* Dies., 1851a, 105 (in *Elachista cygnipenella*; Germany).
- emarginatus* Villot, 1884, v. 3, 45 [nv.].—Cam., 1897g, 407 (69) (so. *villoti*).
- emeryi* Cam., 1895a, 6–7 (hng.; Grandes Îles de la Sonde); 1897g, 401 (63) (to Paragord.).—Montg., 1898a, 54.
- ennomi-crategata* Dies., 1851a, 105 (in *Eunomos crategata*; by Stephens).
- epeiræ-ceropegia* Dies., 1851a, 87 (s. *Fil. mirandæ-ceropegia*) (in *Epeira ceropegia*; lng. by Duval).
- epeiræ-diademæ* Dies., 1851a, 86 (in *Epeira diadema*; by Roesel, lng.).
- equinus* A bildg., 1789a, 49–50, pl. 109 figs. 12 (in *Equus cab.*).—A., D. & E., 1901b, 14 (to Fil.).—E. Bl., 1849a, 154 (to F.).—Braun, 1903a, 276 (to F.); 1903a, 309.—Cast. & Chalm., 1910a, 424, 1188 (*equinis*); 1913a, 539.—Müell., 1789a, 49–50, pl. 109 fig. 12 (in *equorum cavo abdominis*).—Nordm., 1840, 668 (so. *Fil. papillosa*).—Rail., 1893a, 524 (to F.).—Rud., 1809a, 63 (so. F. p.).—Stiles, 1907b, 41.—Ward, 1895a, 340 (in *Equus cab.*).
- [*erucæ* Werner, 1782a, 24, pl. 8 fig. 16. Very doubtful whether this is used as a specific name.].—Schrank, 1803b, 186.
- [*erucarum* Werner, 1782a, 6, pl. 8 figs. 16–19. Very doubtful whether this is used as a specific name.].—Dies., 1851a, 101 (so. *lycænæ-betulæ* Dies.; *lycænæ-quercus* Dies.; *vanessæ-polychlori* Dies.; v. *urticæ* Dies.), 104 (so. *euprepia-cajæ* Dies.; *gastropachæ-quercus* Dies.).—Oken, 1815a, 190 (to Fil.).—Rud., 1809a, 79 (to Fil.).
- euprepia-cajæ* Dies., 1851a, 104 (s. *erucarum* Werner) (in *Euprepia caja*; by Werner).
- euprepia-jacobææ* Dies., 1851a, 104 (in *Euprepia jacobææ* by Germar).
- eurrhparæ-urticatæ* Baird, 1853a, 113 (in abd. *Eurrhpara* (Botys) *urticata*; Eng.).
- falconis-milvi* Rud., 1809a, 70 (quotes Goeze).
- fasciatus* Baird, 1853b, 21, pl. 30 fig. 6 (N. A.).—Cam., 1897g, 414 (76) (so. *longissimus* Roemer).—Montg., 1898a, 25.—Villot, 1874a, 53–54 (N. A., Brit. Mus.).
- fax* Cam., 1888h, 168–170, figs. 2 (Mus. Genova, from Birmania); 1897g, 404 (66), 419, fig. 47 (Alto Irawaddi, Italy); 1903, 3.—Roemer, 1896g, 270.
- feronia-madida* Dies., 1851a, 90 (s. *Fil. pterostichi-madidi*, *F. steropodis-madidi*) (in *Feronia madida*; Eng.).
- feronia-melanaria* Dies., 1851a, 90 (in *Feronia melanaria*; Gœtt.).
- feronia-metallicæ* Dies., 1851a, 90 (in *Feronia metallica*; Gœtt.).
- feronia-(omasei)-nigritæ* Dies., 1851a, 91 (s. *Fil. pterostichi-nigritæ*) (in *Feronia* (*Omaseus*) *nigrita*; by Sieb., lng.).
- feronia-striolæ* Dies., 1851a, 90 (s. *Fil. abacis-striolæ*) (in *Feronia* (*Abax*) *strioia*; Eng.).
- filaria* Rougier Grangeneuve, 1880a, 12 (refers to Levin, “et la filaire (Gordius filaria).”).
- filum* Müell., 1774a, 31–32; 1776, 213.—Assmus, 1865, 52 (so. *Mermis albicans*).—Bosc, 1802a, v. 1, 231.—Dies., 1851a, 106.—Gmel., 1790a, 3083.—Herbst, 1787a, 24.—Modeer, 1790a, 126.—Wilmsen, 1821, v. 3, 14.
- flavus* Linst., 1906, v. 3 (2), 243, pl. 4 fig. 1 (hng.) (New Britain Isl.; Waichu, Maui, Hawaii; ? Fiji Isl.; ? Adelaide, Australia).

GORDIUS—Continued.

- forficulæ-auriculariæ* Dies., 1851a, 94* (s. *Tænia forficulæ*, *Fil. forficulæ*) (in *Forficula auricularia*; Europe).
- forficulæ-borealis* Dies., 1851a, 94 (in *Forficula borealis*; by Spence, Ing.).—[Sieb., 1850k, 333.]
- formicarum* Dies., 1851a, 99 (in *Formica* sp. inc.; by Gould).—Linst., 1907, 83.
- fulgur* Baird, 1861a, 229–230 (free; Batchian).—Cam., 1897g, 410–411 (72–73) (s. *villoti* Cam., 1890, 130) (Batjan, Celebes, Nepal, Giappone, Birmania); 1908, 115 (Tavoy); 1912, 216 (Badarpur, Assam).—Oerley, 1881a, 328.—Römer, 1891, 795; 1896g, 267.
- gallerucæ-alni* Dies., 1851a, 93–94 (s. *Fil. chrysomelæ*, *F. chrysomelæ-alni*) (in *Galleruca alni*; Denmark).
- gallerucæ-tanacetii* Dies., 1851a, 94 (s. *Fil. chrysomelæ-tanacetii* (in *Galleruca tanacetii*; Germany, Eng.).
- gallinæ* (Schrank, 1788) Brug., 1791a, 89, pl. 29 figs. 4–6.—Hass., 1896a, 6 (so. *Trichosoma longicollæ* Rud.).—Mol., 1861, 320 (so. *Trichosomum annulatum*).—Nordm., 1840, 666 (so. *Hamularia nodulosa*).—Rud., 1809a, 84 (so. *H. n.) (in *Gallus*; Goeze, 1782a, 126, pl. 7 figs. 8–10).
- gastropachæ-quercifoliæ* Dies., 1851a, 104 (in *Gastropacha quercifolia*; Wien).
- gastropachæ-quercus* Dies., 1851a, 104 (s. *erucarum*, *Fil. eruc.*) (in *Gastropachæ quercus* larva; by Werner, Ing.).
- gastropachæ-trifolii* Dies., 1851a, 103 (s. *Fil. erucarum*) (in *Gastropachæ trifolii* larva; by Hettlinger, Ing.).
- gemmatus* Villot, 1884, 45 [n.v.]; 1886, 306, pl. 14 figs. 13–17.—Cam., 1886a, 153; 1897g, 395 (57) (to Parachord.).
- globicola* Fabr., 1780a, 268–269 (in *Gasterosteus aculeatus*; Greenland).—Herbst, 1787a, 24 (in *Stichling*).—Rud., 1810a, 279 (so. *gasterostei-aculeati*).—Wilmsen, 1821, v. 3, 14.
- glutinis* (Müll., 1783) Oken, 1815a, 191.
- gracilis* (Rud., 1809a) Oken, 1815a, 189 (in *Simia capucina*) to (Fil.).
- gracilis* Villot, 1874a, 53, 67 (Ténériffe, Gaimard; Mus. Paris).—Cam., 1897g, 413 (75) (Teneriffa).
- granulosus* Linst., 1897i, 31–32, fig. 12 (in *Idolomorpha defoliator*; Madagascar).
- gratianopolensis* Charvet of Dies., 1851a, 106 (in *aqua fluviatili prope Gratianopolim*) [not *G. gratianopolensis* Oerley, not *G. grat.* Schneid.].—Cam., 1886a, 161, 162 (so. *tricuspidatus*); 1897g, 400 (62) (so. t.).—Montg., 1898a, 26, 43, 45.—Villot, 1874a, 58–59 (s. t., *Fil. tricuspidata*, *F. bordigalensis*) (in *Gryllus burdigalensis*; France, Germany), 67, 68; 1886, 313.
- gratianopolensis* Charvet of Schneid., 1866a, 181–182, pl. 14 fig. 1 (s. *tricuspidatus* Meiss. & Sieb., *varius* Leidy) (Ing.).—Cam., 1897g, 414–415 (76–77).—Oerley, 1881a, 330, pl. 18 fig. 5 (s. t., *Fil. t.*, *F. grylli-bordigalensis*) (Ceylon).
- grylli* sp. inc. Dies., 1851a, 95 (in *Gryllus spec. incerta*; by Holme).
- grylli-bordigalensis* Dies., 1851a, 95 (s. *Fil. tricuspidata* Duf.) (in *Gryllus bordigalensis*; by Duf.).—Cam., 1886a, 161 (so. t.); 1897g, 400 (so. *Paragord. t.*).
- grylli-campestris* Dies., 1851a, 95 (in *Gryllus campestris*; by E. Bl., 1849a, 7).—[Sieb., 1850k, 335.]
- guatemalensis* Linst., 1902a, 228, figs. 15–16 (free; Guatemala).
- harangum* Herbst, 1787a, 23–24, pl. 1 figs. 3–6 (for *harengum*).—Wilmsen, 1821, v. 3, 14.
- harengum* Bloch, 1782a, 33, pl. 8 figs. 7–10 (in *Heringe*; Ing.).—Fabr., 1794, 32, 34 (in *herring*), 36.—Frœl., 1802, 50 (to *Asc.*).—Nordm., 1840, 668 (so. *Fil. capsularia*).—Rud., 1809a, 61 (so. *F. c.*).—Schrank, 1803b, 204 (to A.).
- harpali-ænei* Dies., 1851a, 91 (in *Harpalus æneus*; by Stephens, Ing.).
- harpali-azurei* Dies., 1851a, 91 (in *Harpalus azureus*; by Kirby & Spence, Ing.).
- harpali-binotati* Dies., 1851a, 91 (in *Harpalus binotatus*; Eng.).
- harpali-ruficornis* Dies., 1851a, 91–92 (in *Harpalus ruficornis*; Eng., Austria).
- hepioli-humuli* Dies., 1851a, 103 (in *Hepiolus humulus*; by Hope).
- hispidus* Linst., 1906, v. 3 (2), 243–244, pl. 4 fig. 4, pl. 5 fig. 3 (in *Thamnotrizon apteri*; Tirol).

GORDIUS—Continued.

- horsti* Cam., 1895a, 3-4 (Borneo); 1897g, 410 (72), 419, fig. 42 (B.); 1904, 3.
- hydrophili* Dies., 1851a, 92 (in *Hydrophilus spec. inc.*; by Deslgch.).
- hylotropis-bajuli* Dies., 1851a, 93 (in *Hylotropes bajulus*; Austria).
- impressus* Schneid., 1866a, 179, 181, pl. 14 fig. 3 (hng.; probably Berl.).—Cam., 1897g, 408 (70) (so. villoti).—Villot, 1874a, 54, 67, pl. 6 fig. 25 (B.).
- incertus* Villot, 1874a, 53, 67 (Tasmania; Mus. Par.).—Cam., 1886a, 153; 1897g, 413 (75) (T.).
- inermis* Kessler, 1869, 119 [nv.].—Cam., 1897g, 414 (76).
- inquilinus* Müell., 1774a, 33 (superficiem corporis Buccini auriculæ, Planorb. bullæ, purpuræ, et Neritæ janitoris frequens inhabitat); 1776, 313.—Dies., 1851a, 137 (to Phacelura).—Herbst, 1787a, 24.—Wilmsen, 1821, v. 3.
- insectorum* Schrank, 1776, 98, pl. 4 fig. 1 [nv.].—Dies., 1851a, 101 (so. vanessæ-polychlori).
- intestinalis* Bloch, 1782a, 33, pl. 10 figs. 8-9 (in birds and fish; lng.).—Fabr., 1780 269-270.—Herbst, 1787a, 23, pl. 1 figs. 1-2.—Lam., 1801a, 339 (to Fissula).—Wilmsen, 1821, v. 3, 13 (in birds and fish).
- lacteolus* Fabr., 1780, 271 [nv.].—Herbst, 1787a, 24 (free).—Wilmsen, 1821, v. 3, 14.
- lacteus* Müell., 1774a, 32 (in aquis fovearum); 1776a, 213.—Bosc, 1802a, v. 1, 231.—Dies., 1851a, 107.—Gmel., 1790a, 3083.—Herbst, 1787a, 24.—Oken, 1815a, 192.—Wilmsen, 1821, v. 3, 14.
- lacustris* Linn., 1767b, 1076 (in hepate Esocis luci).—Bloch, 1782a, 33.—Criv., 1845a, 4 (to Fil.).—Dies., 1851a, 201 (so. Asc. gasterostei), 202 (of Kœlreuter, so. A. albulæ).—Fabr., 1780a, 268 (in G. a.).—Gmel., 1790a, 3036 (to Asc.).—Herbst, 1787a, 21, 23.—Leidy, 1872 (1904a) 307 (130) (Fish Creek, Montana).—Montg., 1898a, 53 (of Leidy, is misprint for robustus).—Müell., 1776a, 213; 1780, 204; Müell., O. F., Zool. Dan., v. 2, 49.—Rud., 1809a, 201 (so. A. g.), 202 (so. A. alb.).—Schneid., 1866a, 8.—Wilmsen, 1821, v. 3, 13.
- lævis* Villot, 1874a, 52, 67 (New Caledonia; Mus. Par.).—Cam., 1897g, 413 (75) (N. C.).
- lapponicus* Linst., 1906, v. 3 (2), 244, pl. 4 fig. 6 (hng.; Lapland).
- larvarum* Brug., 1791a, 90, pl. 29 figs. 10-12 (sub cute larvarum et insectorum lepidopterorum).—Nordm., 1840a, 669 (so. Fil. acuminata) (see Goeze, 1782a, pl. 8 figs. 4-6).—Rud., 1809a, 66 (so. F. a.).
- latastei* Cam., 1895c, 8 (Chili), 9; 1897g, 390 (52) (to Parachord). (Chile).—Montg., 1898a, 29.
- latensis* Janda, 1893a, 596-597, pl. 19 figs. 4-8 (Tatragebirge) (for tatrensis, q. v.).
- leidy* Montg., 1898a, 37-38, figs. 53-59 (Coll. Leidy); 1899a, 650, 652 (N. A.).—Stiles, 1907c, 68.
- libellulæ-flaveolæ* Dies., 1851a, 98 (s. Fil. libellulæ) (in *Libellula flaveola*; by Selys-Longchamp.).
- libellulæ-variegatæ* Dies., 1851a, 98 (in *Libellula variegata*; Wien).
- linea* Oken; 1815a, 192 (im Schlamm, stehenden Wasser).
- lineatus* Leidy, 1851c, 263 (free; Essex Co., N. Y.); 1856b, 57 (so. aquaticus), 1904a, 63, 105.—Cam., 1886a, 153; 1897g, 414 (76) (of Baird).—Montg., 1898a, 26, 32, figs. 20-31; 1899a, 649-651, 652; 1907, 271.—Pratt, 1916a, 227, fig. 362.—Stiles, 1907c, 67, 68.—Stiles & Hass., 1894e, 351.—Villot, 1874a, 51 (Essex Co., N. Y.), 67.
- liparidis-disparis* Dies., 1851a, 103 (in *Liparis dispar*; Germany).
- liparidis-monachæ* Dies., 1851a, 103 (in *Liparis monacha*; by Nordm., 1832a, 17).
- liparidis-salicis* Dies., 1851a, 103 (s. Fil. attenuata, F. erucarum, F. plicata) (in *Liparis salicis*).
- littoreus* Müell., 1776a, 213.—Herbst, 1787a, 24.—Wilmsen, 1821, v. 3, 14.
- locustarum* Oken, 1815a, 190 to (Fil.) (in *Locusta*, *Gryllus*, *Cercopis*) (? cf. *locustinæ*).
- locustinæ* Dies., 1851a, 96 (in *Locustina*; Sieb., 1842e, 153).
- longaeolatus* Montg., 1898, Oct. 12, 334-335, figs. 1-5 (San Francisco); 1899a, 650, 651, 652; 1907, 272.—Stiles, 1907c, 68.
- longilobatus* Leidy, 1870, v. 2 (7), 194, fig. 120k (U. S. A.).—Montg., 1898a, 55.

GORDIUS—Continued.

longissimus Roemer, 1895b, 796, figs. 1-2 (in Saturnia; Südsee); 1896g, 272, 273.—Cam, 1897g, 414 (76).

lycænæ-betulæ Dies., 1851a, 101 (s. erucarum) (in Lycæna betula; by Werner).

lycænæ-quercus Dies., 1851a, 101 (s. erucarum) (in Lycæna quercus; by Werner).

maculatus Linst., 1883a, 300, pl. 9 fig. 41 (Turkestan).—Cam., 1897g, 413 (75) (T.).

madagascariensis Cam., 1893b, 1-2 (in Mantide; Madagascar); 1897g, 387-388 (49-50) (to Chord.).

[malabaricus.—Pall. (1760a), 1768a, 256.]

mantidis-pustulatæ Linst., 1879b, 336 (in Mantis [Polyspilota] pustulata; Gold Coast); 1889a, 106 (in M. p.)

marinus Linn., 1767a, 1075 (in Maris Norwegicis, piscibus, frequentissime in vis, ceribus Clypeæ halecis).—Barbut, 1783, 9, pl. 1 fig. 4.—Bloch, 1779a, 546-1782a, 33.—Criv., 1845a, 4 (so. Filocapsularia communis), 5.—Davies, 1815a, 292-295 (of Montagu); 1817a, 1054-1056.—Ebel, 1778a, [1777,] 421.—Fabr., 1780, 266-268; 1794, 37.—Herbst, 1787a, 21, 23.—Krøyer, 1838-40a, 57.—Muëll., 1776, 213; 1780, 204 (to Asc.); 1784, 106.—Muëll., O. F., Zool., Dan., v. 2, 49.—Nœl, 1807a, 81-82.—Nordm., 1840, 668 (so. Fil. capsularia).—Rud., 1809a, 61 (so. F. c.), 74 (so. F. piscium).—Schneid., 1866a, 8.—Wegelin, 1779, 8.—Wilmsen, 1821, v. 3, 13.

martis Werner, 1782a, 9-10, pl. 8 figs. 20-21.—Mol., 1858, 162 (so. Fil. mustelarum (pulmonalis)).—Rud., 1809a, 85, 243; 1810a, 263 (so. Asc. bronchialis Gmel.).—Zed., 1803a, 44.

medinensis Linn., 1758a, 647 (in Homo; India).—Anderson & Dubois, 1806, 300-307.—Barbut, 1783, 8-9, pl. 1 fig. 3.—Ben., 1878a, 274 (to Dracunculus).—Blumenb., 1825, 240.—Bosc, 1802a, 231.—Braun, 1903a, 260 (to Fil.); 1908a, 293; 1915a, 304.—[Browne, 1756, 381.]—Brug., 1791a, 89, pl. 29 fig. 3.—Carro, 1806a, 97-104; 1813a, 112-136.—Cast. & Chalm., 1910a, 417; 1913a, 541.—Crep., 1846b, 171.—Criv., 1845a, 4 (to Fil.).—Dubois, 1806, v. 2, 300; 1813a, 113-124.—Ducasse, 1834a, 165-176.—Guyon, 1835a, 827-829.—Herbst, 1787a, 21-22.—Hussem, 1771a, 443-464; 1776a, 255.—Jacobson, 1834a, 432; 1834b, 320.—Küech., 1855, 313.—Lam., 1801a, 329.—Linst., 1905, 193.—Looss, 1905c, 182 (to D.).—Meissner, 1863b, 51 (to F.).—Nordm., 1840, 667 (to F.).—Oken, 1815a, 188.—Rougier-Grangeneuve, 1880, 14.—Rud., 1809a, 55.—Schneidem., 1896, 306 (to F.).—Schneid., 1866a, 8.—Slawikowski, 1819, 7.—Sl. & Sw., 1912a, 355.—Stiles, 1907b, 39 (in H.; India).—Ward, 1903, 210 (to F.).—Wilmsen, 1821, v. 3, 12.

meruanus Cam., 1910, Sjoest. Exped., 28 (Mt. Méru, German E. Africa).

milvi Rud., 1809a, 85; 1810a, 379 (refers apparently to Gœze, 1782a, 85).

miseliæ-aprilinæ Dies., 1851a, 105 (in Miselia aprilina; by Duponchel, 1841, 21).—Cam., 1892, 639.

modiglianii Cam., 1892d, 539-541(1-3) (hng.; Bua-Bua, Isola di Engano); 1897g, 378-379 (40-41) (to Chord.).—Janda, 1893a, 607.

montenegrinus Kaltenbach, 1915 v. 13 (4), 525.

mononculorum Oken, 1815a, 190 (to Fil.) (in Mononculus apus).

noctuæ-typicæ Dies., 1851a, 104 (in Noctua typica; Hanover).

notodontæ-camelinæ Dies., 1851a, 102 (in Notodonta camolina; by Rossi).

notodontæ-ziczac Dies., 1851a, 102-103 (s. Fil. erucarum) (in Notodonta ziczac; by Deg. and Welch).

obesus Cam., 1895a, 4-5 (Holland); 1897e, 1-2; 1897g, 403-404 (65-66), 419, figs. 6, 41 (Ecuador, Leyden); 1903, 3.—Montg., 1898a, 28.

obtusus (Rud., 1802a) Oken, 1815a, 190 (in Hirundo rustica) (to Fil.).

œdypodæ-biguttulæ Dies., 1851a, 97 (s. Fil. gomphoceri-biguttuli) (in Oedypoda biguttula; Austria).

œdypodæ-cærulescentis Dies., 1851a, 97 (in Oedypoda cærulescens; Switz.).

œdypodæ-migratoriæ Dies., 1851a, 96 (s. F. grylli-migratorii) (in Oedypoda migratoria; Berl.).

œdypodæ-parallelæ Dies., 1851a, 97 (s. F. gomphoceri-paralleli) (in Oedypoda parallela; M. C. V.).

orientalis Dolley, 1894a, 996 (in Periplaneta orientalis) (see blattæ-orientalis).

GORDIUS—Continued.

- ornatus* Grenacher, 1868a, 323, pl. 23 figs. 1–12, pl. 24 figs. 13–14, 20–24 (in Mantide ; Philippines).—Cam., 1897g, 382 (44) (to Chord.).—Janda, 1893a, 595.—Römer, 1896g, 281.—Villot, 1874a, 62, 67 (to C.) (in Mantis; P.).
- otiorhynchi-ragusensis* Dies., 1851a, 93 (in *Otiorhynchus ragusensis*; Dalmatia).—Linst., 1878a, 303.
- ovatus* (Zed., 1803a) Oken, 1815a, 190 (in *Cyprinus gobio*) to (Fil.).
- pachydermus* (Erley, 1881a, 331, pl. 28 fig. 7 (New Zealand).—Cam. 1897g, 417 (79) (N. Z.).—Römer, 1896g, 290.
- pallidus* Linst., 1906, v. 3 (2), 244, fig. 5 (hng.; Kronstadt, Siebenbürgen).
- pallidus* n. sp. Linst., 1906, May 15, 557, fig. 95a (corrected in ink to semilunaris) (in fresh water pond; Korea); 1906, v. 43, 94 (renamed semilunaris).
- palustris* Linst., 1883a, 299–300, pl. 9 figs. 39–40 (in water; Turkestan).—Cam., 1897g, 412 (74).
- papilionis* Dies., 1851a, 102 (in *Papilio spec. inc.*; Mus. Breslau).—Linst., 1878a, 306 (in *P. diurn. spec.*).
- papillosus* (Rud., 1802a) Oken, 1815a, 189 (in *Equus cab.*) to (Fil.).
- paranensis* Cam., 1892b, 965–966 (1–2) (Palmeira, Paraná); 1894b, 4 (in ruscello (stream); Paraguay); 1897g, 406 (68).—Montg., 1898a, 27, 40–41, figs. 71–74.—Römer, 1896g, 270.
- parasitus* (? Crep., 1847) Dies. [nv., see parasiticus].—Montg., 1898a, 28.
- pardalis* Cam., 1893b, 2 (in *Aethiomerus adelphus*; Madagascar); 1897g, 381 (43) (to Chord.).
- paronæ* Cam., 1903, v. 18 (437), 2–3 (Kota Bharu); 1908, 116; 1914, 541.—Shipley, 1903, 153.
- peloris-blapoidis* Dies., 1851a, 91 (s. *Fil. carabi-blapoidis*, F. coleopterorum) (in *Pelor blapoides*; Wien).
- peloris-blaptoidis* Linst., 1878a, 298 (for p.-blapoidis) (in *Zabrus blaptoides*).
- peracæ* Cam., 1894b, 5–6 (hng.; S. Pablo, S. A.); 1897f, 1–3 (to Chord.); 1897g, 385 (47).—Montg. 1898a, 28.
- perronici* Cam., 1886a, 169, figs. 14, 24 (Italy); 1897g, 407 (69) (so. villoti Rosa).
- phryganæ-griseæ* Dies., 1851a, 98 (in *Phryganea grisea*).—Linst., 1878a, 296.
- pilosus* (Mœbius, 1855a) Villot, 1874a, 61–62 (in *Blabera gigantea*; Mus. Hamburg).—Linst., 1878a, 292 (in B. g.).
- pioloti* Cam., 1903, (437), 3 (for pioltii).
- pioltii* Cam., 1886a, 171–173, figs. 1–2, 25–26 (Italy); 1903, 3.
- piscium* Brug., 1791a, 89–90, pl. 29 figs. 7–9 (sub cute et in intestinis piscium).—Nordm., 1840, 668 (so. *Fil. ovata*).—Oken, 1815a, 190 to (Fil.) [? Brug. or Rud.].—Rud., 1809a, 60 (so. *Fil. ovata*).
- platycephalus* Montg., 1898a, 29, 34–36, figs. 40–49 (Guatemala and S. Montana); 1899a, 650, 651, 652; 1907, 272.—Stiles, 1907c, 68.
- platypteris-falculæ* Dies., 1851a, 105 (in *Platypteryx falcula*).—Linst., 1878a, 307.
- platyura* Baird, 1853a, 36, pl. 1 fig. 4 (Jamaica).—Montg., 1898a, 25, 36, figs. 50–52 (platyurus).—Villot, 1874a, 52 (? Jamaica), 67.
- platicus* (Rud., 1809a) Oken, 1815a, 190 to (Fil.).
- pleskei* Cam., 1896d, 118–119 (2–3) (hng.; China); 1897g, 391 (53) (to Parachord.).
- pæcili-cuprei* Dies., 1851a, 90 (in *Pæcilus cupreus*; Lond.).—Linst., 1878a, 299.
- preslii* Vejd., 1886, ZwZ, 371, figs. 1–6, 26–30, 41–44, 51–53, 60–66 (Prag).—Cam., 1886a, 158–161, figs. 3, 5–6, 19–21, 27 (Italy); 1888e, 1–10; 1897g, 393 (56) (to Parachord.).—Par., 1901e, 4.—Villot, 1895, 630.
- prismaticus* Villot, 1874a, 58, 67, pl. 1 fig. 2 (Nouvelle-Grenada, Bogota; Coll. Lindig).—Cam., 1894b, 3–4 (Prov. S. Louis); 1897g, 349 (56) (to Parachord.).—Montg., 1898a, 27.—Römer, 1896g, 274.
- pristonychii-terricolæ* Dies., 1851a, 89 (in *Pristonychus terricola*; Eng., Gœtt.).—Linst., 1878a, 299.
- pulmonalis apri* (Gmel., 1790) Rud., 1809a, 246 (quotes Ebel, 1778a, 420–423) (in *Sus scrofa dom.*) (so. *Str. suis*).—Braun, 1903a, 292; 1908a, 325.—Brumpt, 1910a, 471.—Cast. & Chalm., 1910a, 430; 1913a, 541.—Dies., 1851a, 317 (so. *Str. paradoxus*).—Rail., 1893a, 432 (so. S. p.).—Ward, 1895a, 331 (in *Homo*), 337 (in *Ovis aries*); 1903, 219 (so. *Str. apri*).

GORDIUS—Continued.

- pusillus* Chiaje (1823-1829), 177, 196, pl. 44 figs. 8-9 (in fundo limoso; Nap.) [nv.].—Dies., 1850a, 263 (to Tubulanus).—Mont., 1910, v. 3 (13), 1-3 (so. *Tubifex tubifex*).
- pusillus* Baird, 1853a, 37 (in *Blaps obtusa*; Lond.); 1853b, 20, pl. 30 fig. 4 (in B. o.; L.).—Braun, 1903a, 306; 1908a, 349.—Cam., 1892f, 598-607, pl. 9 figs. 1-9; 1892g, 1-12, pl. 1 figs. 1-9; 1892h, 791; 1892, v. 7, 1-5 (in B. mortisaga, B. obtusa; Grenoble); 1897g, 392 (54) (so. *Parachord. wolterstorffii*); 395 (57) (so. *P. gemmatus*); 396 (58) (to P.).—F., S., & T., 1916a, 479.—Janda, 1893a, 601; 1894a, 3-4, pl. 9 figs. 1-3, pl. 10 figs. 12-13.—Linst., 1878a, 303 (in *Blaps similis*).—Roemer, 1896g, 264.—Stiles, 1907c, 66 (to P.).—Villot, 1874a, 56 (L.), 67.
- raphaelis* Cam., 1893c, 213-215, fig. 1 (in *Phyllodromia hemerobina*, P. parenthesis; French Congo); 1897g, 389 (51) (to *Parachord.*).
- reticulatus* Villot, 1874a, 57-58, 67, pl. 1 fig. 5 (California; Mus. Par.); 1886, 309 (so. *violaceus*).—Cam., 1897g, 415 (77) (Cal.).—Montg., 1898a, 26.
- robustus* Leidy, 1851c, 263 (in grasshopper; N. J.); 1856b, 57 (so. *aquaticus*) (in *Pterostichus fastidites*); 1879g, 10-11; 1904a, 65, 105, 153-154.—Cam., 1886a, 153; 1897g, 414 (76) (so. *longissimus*).—Montg., 1898a, 26, 30, 32.—Pratt, 1916a, 227.—Stiles & Hass., 1894e, 351.—Villot, 1874a, 51 (Pemberton, N. J.), 67.
- rossæ* Cam., 1886a, 170-171, figs. 7-9 (Vallone della Veggia, Biellese).
- rubrifuscus* Cam., 1897g, 398 (60) (for *subfifureus*) (so. *Parachordodes tolosanus*).
- rugulosus* Risso, 1826a (b), 260 (in water; Alpes Maritimes).
- sage-natolizæ* Dies., 1851a, 96 (in *Saga natolizæ*).—Linst., 1878a, 293.
- salvadorii* Cam., 1895a, 3 (Coll. Leyden); 1897g, 411-412 (73-74), 419, fig. 40 (hng.; Grand îles de la Sonde).
- samoensis* Linst., 1906, v. 3 (2), 244, figs. 7-8 (hng.; Samoa).
- saturniæ-pyri* Dies., 1851a, 102 (in *Saturniæ pyri* larva).—Linst., 1878a, 307.
- semilunaris* Linst. [May 15, 1906, 557 (ink correction for *pallidus*);] 1906, 94 (in fresh-water pond; Korea); 1907, 259.
- seta* Müell., 1774a, 30-31 (s. *Lumbricus aquaticus*, *Vitulus aquaticus*, *Seta palustris*, *Chætia*); 1776, 212.—Baird, 1853a, 35 (so. *aquaticus*).—Carus, 1863, 465.—Dies., 1851a, 83-86 (in *Carabus gemmatus*, C. *violaceus*, *Dytiscus marginalis*, *Decticus pedestris*, D. *verrucivorus*, *Feronia* (Omaseus) *melas*, *Locusta hemitogia*, L. *viridissima*, L. spec. inc., in Brazil, *Mantis religiosa*, *Procrustes coriaceus*; Germany, Brazil).—Montg., 1898a, 26, 32.—Öken, 1815a, 192.—Villot, 1874a, 50 (so. *aquaticus*).
- setiger* Schneid., 1866a, 179, 181, 195, pl. 13 fig. 9 (free; Berl.).—Cam., 1886a, 173; 1879g, 407 (69) (so. *villoti*).—Villot, 1874a, 50-51, 67 (? so. *aquaticus*) (B., Tegelsee).
- silphæ-obscure* Dies., 1851a, 92-93 (s. Fil. *silphæ*; in *Silpha obscura*; Goeze, 1782a, 128).—Linst., 1878a, 297.
- smerinthi-tilizæ* Dies., 1851a, 102 (in *Smerinthus tilizæ*).—Linst., 1878a, 306.
- species* Cobb, 1891a, 213-214 (in water; Australia).
- species* Cort, 1915, v. 1 (4), 198-199, figs. 1-2 (in *Brachycœlium hospitale* in *Diemyctylus viridescens*; Douglas Lake).
- species* Lauterborn, 1904 (for 1903), 117-118 (in water; near Johanniskreuz); 1906, 57-58; 1906, v. 16, 268.
- species* Lab., 1864a, 678 (in *Mantis*; New Caledonia).
- species* Linst., 1889a, 68 (in *Rana temporaria*).
- species* Rosa, 1882a, 341 (in *Carabus leucophthalmus*).
- species* Leidy in Stiles & Hass., 1894e, 351 (6 bottles in Coll. Leidy, 1 marked with *Clepsine* as host; 1 Africa; 4 U. S. A.).
- species* Villot [nv.] (in *Cobitis fossilis*).—Linst., 1889a, 92.
- speciosus* Janda, 1893a, 597-599, pl. 19 figs. 9-10 (Krakau Mus.); 1894a, 9-10, pl. 9 figs. 16-18, pl. 10 figs. 14-15; 1894b, 597.—Cam., 1897g, 395 (57) (so. *Parachord. gemmatus*).—Roemer, 1896g, 272.
- sphæururus* Baird, 1853a, 112 (*sphæurura*) (Khasyan Hills, India); 1853b, 21; 1855a, 72 (*sphæurura*).—Cam., 1891b, 131 (Birmanian); 1897g, 412 (74) (India).—Dies., 1861a, 601 (Khasyan Hills; in India).—Oerley, 1881a, 329.—Roemer, 1896g, 265.—Villot, 1874a, 56, 67 (India; Brit. Mus.).

GORDIUS—Continued.

- sphaerurus* Baird of Cam., 1891b, 131 (Carin, Birmania); 1897g, 411 (73) (so. doriae).
sphecodis-gibbi Dies., 1851a, 99 (s. Fil. sphæcodis) (in Sphecodes gibbus).—
 Linst., 1878a, 305 (in Dichroa gibbus).
spherura Baird, 1853a, 112 (hng.; India) (see sphæurus).
sphingis-euphorbiae Dies., 1851a, 102 (s. Fil. erucarum) (in Sphinx euphorbiae).—
 Linst., 1878a, 306.
sphingis-ligustri Dies., 1851a, 102 (in Sphinx ligustri).—Linst., 1878a, 306.
sphodri-leucophthalmi Dies., 1851a, 90 (in Sphodrus leucophthalmus; Lond.).—
 Linst., 1878a, 299.
stellatus Linst., 1906, v. 2 (2), 244–245, figs. 9–10 (in Rüedersdorf, Mark Brandenburg, Predazzo in Tirol).
stylosus Linst., 1883a, 299, pl. 8 figs. 36–37, pl. 9 fig. 38 (in Otis macquini, as pseudoparasite; loc. unknown, apparently Turkestan).—Cam., 1897g, 401 (63) (to Paragord.).—Cerruti & Cam., 1888b, 5 (refers to Linstow's find in O. macquini; T.).—Montg., 1898a, 54.
subareolatus Villot, 1874a, 54, 67, pl. 2 fig. 10 (France; Mus. Paris).—Cam., 1886a, 165, 168, 171; 1897g, 408 (70) (so. villoti).
subbifurcus Sieb., 1848c, 296 (in Molops elatus; by Fuchs); 1855c, 143 (in Calathus cistelloides, Carabus hortensis, Drassus fuscus, Feronia melanaria, F. metallica, Harpalus hottentota, M. e., Omaseus melas, Pelor blaptoides, Pocilus lepidus, Procrustes coriaceus, Pterostichus nigrita); 1858a, 326, 333 (s. Mermis nigrescens, in Amara similata; by Lamb.), 334 (in A. fusca; Gøett.).—Assmuss, 1865, 2, 3, 22, 49–50, 53, pl. 3 figs. 1, 2, 4; 1858, v. 2, 178 (in Loricera pilicornis; Leipzig), 179 (in Libellula cancellata; Moskau), 180 (in Hepiolus humuli), 181 (in Abrostola urticae; Podolsk).—R. Bl., 1890a, 90 (so. tolosanus).—Cam., 1886a, 154 (so. t.).—Dies., 1851a, 90–91 (in Cal. cist., Feronia (Molops) elata); 1861a, 602 (in Amara similata, A. fusca, Carabus hortensis, Cal. c., Dr. fus., Fer. mel., F. metallica, F. (M.) e., Harp. hott., Om. mel., Pro. c., Pte. nig., Pœ. lep., Pel. blap., Silpha carinata; prope Tolosam, Muggendorf).—Fiori, 1881a, 730 (so. t.).—Linst., 1878a, 297 (in S. c.); 1889k, 278; 1890a, 40–41.—Meissner, 1855a, 59.—Oerley, 1881, 330.—Schneid., 1866a, 180, 306, pl. 14 fig. 2, pl. 16 figs. 9, 10 (in Tumpeln, Prov. Sachsen).—Stiles, 1907c, 65.—Villot, 1874a, 55 (so. t.).—Also reported for Cobitis barbatula.
subspiralis Dies., 1861a, 601 (s. Gordius Leidy, 1857, 204) (free; Kansas).—Cam., 1895a, 1 (Tex.); 1897g, 407 (69) (Cordius) (s. aquaticus Villot); 1903, 3.—Montg., 1898a, 26, 30.—Villot, 1874a, 51, 67 (K.).
sumatrensis Villot, 1891c, 138 (Sumatra).—Cam., 1897g, 381 (43) (so. Chord. caledoniensis).—Janda, 1893a, 607 (S.).
tatrensis Janda, 1893a, 596–597, 612 (in Tatragebirge); 1894a, 7–8, pl. 9 figs. 4–12, 26, pl. 10 figs. 16–17.—Cam., 1897g, 408 (70) (so. villoti).—Lauterborn, 1904 (for 1903), 118.—Montg., 1898a, 34.—Ritchie, 1915, 260.—Rœmer, 1896g, 271.
tellinii Cam., 1888e, 7–8, pl. 1 figs. 1–4 (Rio Forgaria, Valle del Tagliamento); 1897g, 375 (37) (to Chord.).
tenthredinis (Gmel. 1790) Dies., 1851a, 99 (in Tenthredinis spec. inc. larva; lng.).—Linst., 1878a, 305 (in Tenthredo sp.; lng.).
tenuis Leidy, 1879e, 384 (in Clepsine; Lily Pond, Rhode Island); 1904a, 150.
tenuis Weyenbergh, 1879, v. 3 (2–3), 7, 217, 218 (in Mantis precariu; by Weyenbergh); 1880d, 109–110 (in M. precariu; Cordoba).—Cam., 1897g, 413 (75).—Linst., 1889a, 106 (in M. p.).—Montg., 1898a, 27.
tolosanus Duj., 1842e, 146–149 (Toulouse, France).—A., D., & E., 1901b, 2 (tolusanus).—Assmuss, 1865, 49 (so. subbifurcus).—Baird, 1853a, 36.—R. Bl., 1890a, 90 (s. subbifurcus, Ophist. pontieri).—Blunck, 1915, v. 45 (7), 289–290 (in Dytsicus).—Braun, 1895b, 246; 1903a, 306; 1908a, 349.—Brumpt, 1910a, 479.—Cam., 1886a, 153–156, figs. 17–18 (s. aquaticus Berthold, subbifurcus) (Italy), 158, 159; 1888f, 397 (in Homo); 1889, v. 4, 66; 1890, v. 5, 83; 1892, 3; 1897g, 398 (60) (to Parachord.).—Cerruti & Cam., 1888b, 1, 2, 3 (in H.).—Criv., 1845a, 13 (tolusanus).—Dies., 1851a, 106 (in aqua fluviatili; prope Tolosam).—F., S., & T., 1916a, 479.—Fiori, 1881a, 727–736 (in H.).—Hempelm., 1912a, 101, fig. 6.—Janda, 1894, 602.—Linst., 1889k, 248–268, pls. 14–16 figs. 1–32 (development); 1889m, 390–396, pl. 22 figs. 1–8; 1890a, 40–41; 1891b, 239–249, pl. 12 figs. 1–14; 1891d, 760–762.—Moniez, 1896a, 414.—

GORDIUS—Continued.

tolosanus—continued.

Montg., 1898a, 54.—Nev.-Lem., 1902a, 129; 1904a, 133; 1906a, 319, 321; 1908a, 512.—Par., 1894a, 513; 1901e, 4 (to P.) (s. *aquaticus* Degland, O. p.), 5.—Rail., 1893a, 563.—Ritchie, 1915, 114.—Roemer, 1895b, 793; 1896g, 262.—Rosa, 1882a, 337–338–341, pl. 7 figs. 1–6 (s. *subbifurcus*).—Russ, 1912, v. 7 255–259.—Shipley, 1896, 170, figs. 83–86, 90; 1901b, 165f, 170, figs. 83–86.—Stiles, 1907c, 65 (of Duj., 1842, to P.).—Topsent, 1900, 89, 91.—Vejd., 1886, v. 43.—Villot, 1874a, 48, 50, 55, 67, 68, pl. 1 fig. 6, pl. 2 fig. 11 (s. *subbifurcus*) (France, Germany); 1886, 296.—Also reported for *Corethra*, *Chironomus*, *Carabus hortensis*, *Celathus fuscipes*, *Ephemera*, *Melops elatus*, *Pterostichus niger*, *Procerus coriaceus*, *Pterostichus*, *Sialis lutraria*, *Tanypus*.

tolusanus Criv., 1845a, 13 (for *tolosanus*).

tricuspidatus (Dufour, 1828) Meissner, 1855a, 55 (*gratianopolensis* renamed).—R. Bl., 1897d, 1–5 (in *Homo* sap.; Bassa, France).—Braun, 1903a, 306; 1908a, 349.—Brumpt, 1910a, 479.—Cam., 1886a, 161–162 (s. *grylli-bordigalensis*, *grat.*, *dectici-albifrontis*, *tricuspidatus spiralis*) (Italy); 1887d, 1–3, pl. 2 figs. 1–8; 1887e, 57; 1887, v. 2, 1–2; 1888e, v. 3, 42; 1888, 1–63, pl. 5 fig. 14, pl. 9 figs. 2, 4, 16; 1889, v. 4, 66; 1897g, 400 (62) (to *Paragordius*), 401 (63) (of Cam., 1888, pl. 5 fig. 14, pl. 9 figs. 4–16, so. *Paragord. stylosus* Linst.); 1903, 34; 1903, 1 [9 Mar.].—Dies., 1861a, 603 (s. *Fil. g.-b.*, *F. tricuspidata* Leon, *gratianopolensis*, *tricuspidatus*) (in *Gryllus bordigalensis*; prope *Gratianopolim*).—F., S., & T., 1915a, 479.—Lab., 1897, 675.—Linst., 1878a, 260 (in *Obbitis barbatula*) 294 (in *Decticus albifrons*).—Montg., 1898a, 26, 46.—Nev.-Lem., 1902a, 129; 1904a, 133; 1906a, 319, 321; 1908a, 513.—Par., 1894, 251; 1901e, 5.—Schneid., 1866a, 179, 180, 181.—Sieb., 1855c, 143.—Stiles, 1907c, 64 (to *Paragord.*).—Topsent, 1900, 89, 91.—Villot, 1874a, 59 (of Meissner & Sieb. 1856, so. *grat.*); 1874a, 59 (Sicily).

tricuspidatus spiralis Dies., 1861a, 604 (*dectici-albifrontis* renamed) (in *Decticus albifrons*; Sicilia).—Cam., 1886a, 162 (so. *tricuspidatus*).—Villot, 1874a, 59.

trifurcatus White, 1861a, 175 (possibly *Homo*; by Bowditch).—Montg., 1898a, 55 (so. ? *varius*).

trifurcatus-varius Stiles, 1907c, 64 (see *trifurcatus*).

trilobus Villot, 1874a, 59, 67, pl. 2 fig. 9 (Jersey; Mus. Par.).—Cam., 1897g, 400 (62) (so. *Paragord. tricuspidatus*).—Montg., 1898a, 27, 45.

trilobus Villot of Oerley, 1881a, 330–331 (Lima, Peru).—Cam., 1897g, 414 (76) (Peru).

truncatulus (Rud., 1819) Dies., 1851a, 87 (s. *F. phalangii-cornuti*, *F. p.-opilionis*) (in *Phalangium cornutum*, *P. opilio*; by Bear & Latr.; lng.).

truncatus (Rud., 1809) Oken, 1815a, 190 (in *Tinea padella*) to (Fil.)

tuberculatus Villot, 1874a, 63, 67 (to Chord.) (Rochamston, Nouvelle-Holland; Mus. Paris).—Cam., 1897g, 381 (43) (so. *C. caledoniensis*).—Janda, 1894, v. 7.

vanessæ-antiopæ Dies., 1851a, 100 (s. *Fil. erucarum*) (in *Vanessa antiopa*; M. C. V.).—Linst., 1878a, 305.

vanessæ-polychlori Dies., 1851a, 101 (s. *insectorum* Schrank, *erucarum*) (in *Vanessa polychloros*; Germany, Eng.).—Linst., 1878a, 306.

vanessæ-urticæ Dies., 1851a, 101 (s. *erucarum*, *Fil. erucarum*) (in *Vanessa urticæ*; by Werner & Hope).—Linst., 1878a, 306.

variabilis McArthy, 1902, BNCSB, 3–4 (N. Carolina).

varius Leidy, 1851c, 262 (U. S. A.), 263; 1856b, 56–57 (s. *aquaticus*, *tricuspidatus*) (in water; N. J.); 1858a, 112 (in *Lumbriculus limosus*); 1904a, 63, 64, 103–105, 114.—A., D., & E., 1901b, 2.—R. Bl., 1890a, 90–91.—Braun, 1895b, 246; 1903a, 306; 1908a, 349.—Brumpt, 1910a, 479.—Cam., 1893c, 216; 1895a, 5–6 (Bogota); 1897f, 1–3; 1897g, 402 (64) (to *Paragord.*).—Cerruti & Cam., 1888b, 2.—F., S., & T., 1916a, 479.—Fiori, 1881a, 731.—Moniez, 1896a, 414.—Montg., 1898a, 25, 28, 45.—Nev.-Lem., 1906a, 319, 321, 1908, 513.—Oerley, 1881, 331.—Par., 1901e, 4–5.—Rail., 1893a, 563.—Riley, 1878, 329.—Riley & Vasey, 1870, AEB, v. 2 (6), 180.—Roemer, 1896g, 279.—Schneid., 1866a, 181.—Stiles, 1907c, 59.—Stiles & Hass., 1894c, 351.—Topsent, 1900, 89.—Villot, 1874a, 59–60, 67, 68 (E. America).

vejtdovskyi Janda, 1894, 3–4, pl. 6 figs. 1–4 [nv.].—Cam., 1897g, 389 (51) (to *Parachord.*).

GORDIUS—Continued.

verrucosus Baird, 1853a, 36, pl. fig. 5 (Ing.); 1853b, 20; 1855a, 71.—Bell, 1885b, 236 (in Kilimanjaro).—Braun, 1903a, 306; 1908a, 349.—Cam., 1893c, 215; 1897g, 388 (50) (so. Chord. ferox), 415–416 (77–78) (Africa); 1903, 34; 1903, 1 [9 Mar.].—Dies., 1861a, 602 (A.).—Janda, 1893a, 606.—Linst., 1901, 418.—Montg., 1898a, 27.—Oerley, 1881a, 331.—Römer, 1896g, 274, 291.—Villot, 1874a, 60, 67 (A., Brit. Mus.).

vespæ-crabronis Dies., 1851a, 98–99 (in *Vespa crabro*; Sardinia).—Linst., 1878a, 305; 1905, 359.

vespæ-vulgaris Baird, 1853a, 113 (in *Vespa vulg.*; Eng.).

villoti Rosa, 1882a, 333–338, pl. 7 figs. 1–6 (s. aquaticus Duj.) (Alps).—Braun, 1903a, 306; 1908a, 349.—Cam., 1886a, 162–168, 169, 171, 172, 173 (s. aq. Villot) (Italy); 1888e, 110; 1888f, 397; 1889, v. 4, (66); 1890, v. 5 (83); 1892b, 966 (2); 1892, 3; 1897g, 407–410 (69–72), 419 fig. 44 (s. aquaticus, perronciti, emarginatus, setiger, impressus, subareolatus, tatrensis); 1903, 2 [17 Mar.]; 1904, v. 19, in 1–3; 1905, v. 20, 1–2; 1906, 2.—Cerruti & Cam., 1888a; 1888b, 1–2, 3, 5 (in *Aspius rapax*, *Coregonus wartmanni*, *Cobitis fossilis*, *Homo*, *Petro-myzon fluviatilis*, *Salmo fario*, *Thymallus vexillifer*).—F., S., & T., 1916a, 479.—Janda, 1893a, 602; 1896, 121.—Moniez, 1896a, 414.—Montg., 1907, 271, 272 (in *Acridiids*).—Par., 1901e, 4, 5.—Ritchie, 1915, 113, 139, 141, 258–261, fig. 6.—Southern, 1909, 117 (Ireland).—Stiles, 1907c, 55 (in H.; Italy), 58.—Topsent, 1900, 89 (so. aquaticus).

villoti of Cam., 1891b, 130; 1897g, 410 (72) (so. fulgur).

villoti difficilis (Montg., 1898), Montg., 1907, June, 271 (N. Carolina).

violaceus Baird, 1853a, 36–37 (in *Carabus violaceus*; Berwickshire); 1853b, 20, pl. 30 fig. 3; 1855a, 71–72 (in C. v.; B.).—Braun, 1903a, 306; 1908a, 349.—Cam., 1886a, 157–158, figs. 15–16 (Italy); 1888e, 1–10; 1896d, 121 (5); 1897g, 392 (54) (to Parachord.), 393 (55) (of Römer, 1896), 415 (so. chinensis), 417 (79) (of Römer, so. blanchardi).—Dies., 1861a, 604–605 (in C. v.; B.).—F., S., & T., 1916a, 479.—Linst., 1878a, 300 (in C. v.).—Montg., 1907, June, 272; 1898a, 27, 30, 42–43, figs. 75–77.—Oerley, 1881a, 325–333.—Par., 1901e, 5.—Ritchie, 1915, 114.—Römer, 1895b, 794; 1896g, 266 (partim).—Stiles, 1907c, 66 (to P.).—Topsent, 1900a, 86–91 (in H.; France); 1904a, 20.—Villot, 1874a, 60, 67 (B., Brit. Mus.); 1886, 307, pl. 15 figs. 18–21; 1895, 630; 1896a, 650–657, figs. 1–3.

viviparus Bloch, 1782a, 33 (an der Seuche verrekten Viehes; by Camper).—Dies., 1851a, 316 (so. *Str. micurus*).—Herbst, 1787a, 24.—Nev.-Lem., 1912a, 693.—Rail., 1893a, 430 (so. S. m.).—Rud., 1809a, 245 (so. *Str. vitulorum*).—Ward, 1895a, 334 (in *Bos taurus*), 340 (in *Equus cab.*).—Wilmsen, 1821, v. 3, 14.

weberi Villot, 1891c, 137–138 (Sumatra).—Cam., 1894d, 410; 1897g, 371 (33) (to Chord.).—Janda, 1894, 607.

willeyi Cam., 1899, ArAS, 466–467 (Nuova Britannia), fig. 6.

wolterstorffii Cam., 1888e, 6, pl. 1 fig. 5; 1897g, 392 (54) (to Parachord.).

zavattarii Cam., 1908, RIM, 117 (Darjiling).

GRAMMOCEPHALUS Rail. & Henry, 1910, 312, 315 (tod. *clathratus*); 1910, 565 (g. of *Bunostomeæ*, *Strongylinae*); 1912, v. 14, 565.—Gedöelst, 1911a, 126.—Lane, 1914, July, 397; 1917, IJMR, 420, 422, 436, 437.—Nev.-Lem., 1912a, 648.

clathratus (Baird, 1868) Rail. & Henry, 1910, 315 (in *Elephas indicus*).—Gedöelst, 1911a, 126 (in elephant; India).—Lane, 1914, 380.—Nev.-Lem., 1912a, 743.—R., H., & B., 1914, 130.

GRAMMOPHORA Gedöelst, 1916, Rza, 49 (tod. mt. *katangensis*) [not *Grammophora* Guen., 1852, lepidopt.; Chev., 1863, coleopt.; etc.].

katangensis Gedöelst, 1916, 49–51, figs. 15a–b (in *Petrodromus tetradactylus*; Katanga).

GRAPHIDIUM Rail. & Henry, 1909a, 86 (tod. *strigosum*); 1912, 565.—Hall, 1916a, 123, 139; 1916, RMv, 518.—Nev.-Lem., 1912a, 645.—Trav., 1914, 5.

affine (Mégn., 1895) Rail. & Henry, 1909a, 86 (s. *Str. rectus*) (in *Dolichotis patagonica*).—Rail., 1916, RMv, 519.

rudicaudatum Rail. & Henry, 1909a, 86–87 (in *Lagostomus trichodactylus*; Argentine).—Rail., 1916, RMv, 519.

GRAPHIDIUM—Continued.

strigosum (Duj., 1845) Rail. & Henry, 1909a, 86 (s. *Str. blasii*, *leporum*).—Hall, 1916a, 126, 139–141, figs. 181–183 (in *Oryctolagus cuniculus*, *Lepus europæus*; Europe); 1916, RMv, 518.—Hut. & Mar., 1913b, 478.—Nev.-Lem., 1912a, 711.

GRAPHONEMA Cobb, 1898d, 406–407 (mt. *vulgaris*).—Stiles & Hass., 1905b, 110.

vulgaris Cobb, 1898d, 406–407 (coast of N. S. Wales and Victoria).—Stiles & Hass., 1905b, 110.

GRATHOSTOMIDÆ Skrj., 1916, CrSB, 972 (misprint for Gnathostomidæ).

GYALOCEPHALUS Looss, 1900c, 191–192 (mt. *capitatus*).—Nev.-Lem., 1912a, 649.—Rail. & Henry, 1902a, 110; 1909b, 170; 1912, 565.—Stiles & Hass., 1905b, 110.

capitatus Looss, 1900c, 191–192 (in *Equus*; Cairo); 1901a (1902), 39, 132–134 (diag.), 136, figs. 20–23 (in mule; Egypt).—Nev.-Lem., 1912a, 744.—Rail., 1915, 493.—Rail. & Henry, 1909b, 170; 1915, IVC, 735 (in mule).—Stiles & Hass., 1905b, 110.

GYMNOASCARIDÆ Dies., 1851a, 143–144 (group of *Ascaris*, contains *Apterocephalæ*, *Pterocephalæ*); 1861c, 275.—Mol., 1861c, 280.

GYMNODERMI Burm., 1856a, 205, 270–273 (contains *Nematodes* and *Gephyrei*).

GYMNOLAIMUS Cobb, 1913 JWAS, 443 (mt. *exilis*).

exilis (Cobb, 1893b) Cobb, 1913, 443 (Fiji).

GYMNOTHECÆ Dies., 1851a, 251 (sec. of *Trichosomum*).—Carus, 1863, v. 2, 463 (div. of *Trichosomum*, contains subg., *Calodium*, *Liniscus*).—Eberth, 1863a, 44, 45, 55 (group of *Trichotracheliden*).—Rail. & Lucet, 1890b, 19.

GYMNOTOMA Schneid., 1866a, 326 (order, to contain *Rhaphogordius*).

Haarwurm, Haarwormen, Hairworms.—Coster, 1864a, 1–23; 1864b, 1–47.—Frœhner, 1915a, 744 (of lungs).—Hutcheon, 1891, AJ, v. 3 (24), 241 (in sheep).—Laubser, 1906, AJ, v. 28 (1), 123 (in sheep).—Oerley, 1881a, 325–332, figs. 1–7 (Brit. Mus.); 1882a, 70–71 (Zealand).—Schulzen, 1756, 12–15 (in *Homo*).—Utz, 1880a, 33–35 (in sheep).—Virchow, 1864c, 1–68, pl. 1.

HABRONEMA Dies., 1861c, 270, 273–274 (mt. *muscæ*).—Rail. & Henry, 1911, v. 4 (10), 695; 1915, BSPE, 695–704, 8 figs.—Seur., 1914, v. 77 (25), 344, 347; 1914, 152–153; 1914, 1017 (type *leptoptera*); 1915, 14, 15; 1916, 312, 319, 339.—Skrj., 1916, 500–501; 1917, P, 463.—Stiles & Hass., 1905b, 110.

chevreuxi Seur., 1913, CrSB, 678–679, figs. 3–7 (in *Felis ocreata*; Algeria); 1915, 14; 1915, 160, 161, fig. 6; 1917, BSHnA, 22.

equi Place, 1914, JDA, v. 17 (12), 1240.

ficheuri Seur., 1916, CrSB, 295–297, figs. 1–3 (in *Bubulcus lucidus*; Algeria).

grimaldiæ Seur., 1915, CrSB, 157–159, figs. 1–3 (in esoph. and stom. *Vulpes antilantica*; Algeria); 1915, 26–30, figs. 1–6; 1917, BSHnA, 23.

leptoptera (Rud., 1819) Seur., 1914, CrSB, v. 76, 21–24, figs. 1–5 (to *Habronema* (*Spiropt.*)), (in *Accipiter nisus*; Algeria); 1914, 1017 (type of H.); 1914, 150, 153; 1914, 70; 1914, 428, 429; 1914, 393.—Skrj., 1916, 501 (in *Circus cinereus*; Aoulié-ata).

mansioni Seur., 1914, CrSB, v. 76 (10), 427–429, figs. 1–3 (in *Buteo*, cf. *Buteo vulg.*; Corse); 1914, 150, 152, 153; 1916, CrSB, 297.—Skrj., 1917, P, 463, 464, 465.

megastoma (Rud., 1819) Seur., 1914, 626.—Rail., 1915, RMv, 472, 477, 480, 481, 493; 1915, IVC, 735 (in horse); 1915, RMv, 700.—Rail. & Henry, 1916, BSPE, 696, 700.

microstoma (Schneid., 1866) Rans., 1911, 690–692 (in horse, *Musca dom.*).—Place, 1915, 122, 123.—Rail., 1915, 493; 1915, RMv, 477, 480, 481; 1915, IVC, 735 (in horse); 1915, BSPE, 700.—Rail. & Henry, 1915, 700.—Seur., 1913, 678, 1914, 626, 1017; 1915, 14; 1916, 319–320, 321, 346.

muscæ (Carter, 1861) Dies., 1861c, 274.—Graham-Smith, 1913, 240.—Hall, 1916a, 224.—Leidy, 1874d (1904a), 139–140 (133) (in *Musca dom.*).—Place, 1915, 120, 121, 122, 123.—Rail., 1915, 493; 1915, IVC, 735 (in horse); 1915, RMv, 477, 478, 479, 480, 481; 1915, BSPE, 700.—Rail. & Henry, 1915, 700, 701.—Rans., 1911, 76 (in horse; U. S. A.); 1911, v. 34, 690–692 (in h., M. d.); 1913 (163), 1–36, figs. 1–41.—Rincones, 1916, GmC, v. 23 (17), 134–135.—Seur., 1912, 778, 780, fig. 1 (in cheval, mulet; Algeria); 1913, 678; 1914, 391; 1914, v. 77 (25), 347; 1914, CrAS, 1017; 1915, 14; 1915, 565; 1916, 319, 320–321, 346, 358 (in c., *mouche dom.*, *Stomoxys calcitrans*).

nouveli Seur., 1915, CrSB, 160–161, figs. 4–5 (in stom. and intest., *Genetta afra bonapartei*; Algeria); 1917, BSHnA, 22–23.

HABRONEMA—Continued.

rotundata (Linst., 1883) Seur., 1914, CrSB, v. 77 (25), 347; 1914, BSHnA, v. 6 (5), 117-119, fig. 1 (in *Houbara undulata*; Bou-Saâda); 1914, 153.—Skrj., 1916, 501-502, figs. 19-21 (in *Oedicnemus oedicnemus*).

seurati Skrj., 1917, P, 463-465, pl. 18 figs. 3-7 (in *Falco cenchris*; Siberia).

species Rail. & Henry, 1916, BSPE, 701 (in *Equidae*).—Seur., 1916, 347 (s. *Fil. irritans*, *Trichina uncinata*; Brazil).

unilata Seur., 1914, 151, figs. 1-6 (lapsus for *unilateralis* Mol.).

unilateralis (Mol., 1860) Seur., 1914, BSHnA, v. 6 (6), 149-153, figs. 1-6 (in *Neophron percnopterus*; Algeria, Hamman Meskoutine); 1915, NZ, 15 (s. *Fil. tulostoma*) (in N. p.; H. M.); 1916, CrSB, 297.—Rail. & Henry, 1916, BSPE, 368.—Skrj., 1917, P, 463, 465.

HABRONEMIASIS, HABRONÉMOSE (infection with *Habronema*).—Descazeaux, 1915, RMv, 485.

—, cutaneous, of horse: Descazeaux, 1915, 485.—Bull, 1916, JCPT, v. 29 (3), 187-199 (1-15), figs. 1-5.

HADJELIA Seur., 1916, CrSB, 517-519 (? mt. *lhuillieri*).

lhuillieri Seur., 1916, 517-519, figs. 1-3 (in *Caccabis petrosa*; Bou-Saâda).

HÆMATOZOA, NEMATODE, pathological significance: Lewis, 1874c (d), 111-133, figs. 1-2, pls. 1-3; 1875a, 410-451, figs. 1-2, pls. 1-3; 1875b, 115 (in *pariah dog*); 1875d, 218-220; 1875e, 613-615; 1875f, 268-277, pl. 13 figs. 1-5 (in *dog*); 1888, 533-559, figs. 34-35, pls. 38-40.—Cobbold, 1875c, 216-217.

—, —, in *Homo* and animals, relation to disease: Lewis, 1878b (c), 157-208 (1-90), figs. 1-27, pls. 1-3; 1879c, 245-259, pl. 12.

—, in stomach of *Culex*: Lewis, 1878a, 89-93.

HÆMATOZOON Leisering, 1865, 125 (used in a collective rather than in a generic sense, for *H. subulatum*); 1865, v. 33 (1), 117-125, pl. 2 figs. 1-4.—Stiles & Hass., 1905b, 110.

subulatum Leisering, 1865, 117-125, pl. 2 figs. 1-4 (in *Canis fam.*; Dresden).—Cobbold, 1873c, 92; 1878c, 366.—Deffke, 1889a, 121 (so. *Str. vasorum*).—Fiebiger, 1912a, 225.—Hut. & Mar., 1913a, 935.—Rail., 1893a, 553 (of *Gurli*, 1864).—Züern, 1882, 245.

Hæmatozoon, nematode, in *Homo*, relation to *Chyluria*, etc., cf. *Fil. sanguinis hominis*.—Lewis, 1872c (d), 241-260 (1-50), figs. 1-3, 1872e, 889-890; 1873a, 52-54; 1873b, 120-121; 1873c, 217-219; 1873d, 325-328, figs. 1-3; 1873d, 540-541 1874a (b), 504-509 (1-53) figs. 1-3; 1880a, 45-46.—Cunningham, 1873a, 835-837 (and *dog*).

—, in camel, Evans: Lewis, 1882b, 63-64; 1882c, 127-128; 1882d, 509; 1907, JTVS, 151.

—, of Lewis: Grassi & Caland., 1890a, 18-26, figs. 1-16.—Ward, 1895a, 343 (larva of *Fil. recondita*) (in *dog*).

HÆMOCHUS Trav., 1914, Bm, 5 (reprint) (misprint for *Hæmonchus*).

HÆMONCHUS Cobb, 1898a, 447 (mt. *contortus*).—Braun, 1915a, 348.—Brumpt, 1910a, 333, 392; 1913a, 462.—Geddelst, 1911a, 116.—Nev.-Lem., 1912a, 645.—Rail. & Henry, 1912, 565.—Rans., 1911a, 14, 18, 21, 22, 47, 49-50, 54.—Sl. & Sw., 1912a, 327-329.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905, 110.—Theiler, 1912, v. 3, 572-586, figs. 1-3 (treatment, sheep).—Trav., 1914, 5.—Walker, 1913, v. 33, 588-589, fig. 1.—Ward, 1916, 698.

bispinosus (Mol., 1860) Rail. & Henry, 1909a, 86.—Rans., 1911a, 14, 47, 50, 54, 123 (generic determination not proved) (in *Mazama nana*; Brazil).

cervicornis (M'Fadyean, 1897) Sl. & Sw., 1912a, 379-380, 402.

contortus (Rud., 1803) [Cobb, 1898a, 447, figs. 120, i-v] Stiles & Hass., 1905b, 110.—Alexander, 1908, v. 54 (9), 366-367.—ASB, 1909, 583.—Barber, 1916, 33 (in *cow*; Guam).—Blgr., 1914, v. 7 (3), 242 (in *stom.*, *Ovis aries*; Eng.); 1915, 134, 139, 142, 145, 146, 147.—Boynton & Wharton, 1916, 350, 352 (in *goat*, *cow*; P. I.).—Braun, 1915a, 348.—BMJ., 1896, 1528-1529 (in *sheep*; Lincolnshire, Leicestershire, Northampton).—Brown, 1915, QAJ, v. 4 (2), 71-73; (3), 162-163.—Brumpt, 1910a, 392; 1913a, 463.—Cast. & Chalm., 1913a, 552.—Coffey, 1915, BG, v. 68 (4), 118, 120; (5), 152, 154.—Conradi, 1914, S, 356 (in *cattle* and *sheep*; S. C.).—Craig, 1915, 498, 500.—Detmers, 1883, 68-81, pls. 1-5.—Dixon, 1913, v. 6, 34-37.—Dodd, 1908, QAJ, v. 21, 197-198; 1909, ESR, v. 21, 181; 1914, QAJ, v. 1 (6), 421-426, figs. 1-2.—F., S., & T., 1916a, 436-438, figs. 315-316.—Fiebiger, 1912a, 270.—Gardener,

HÆMONCHUS—Continued.

contortus—continued.

1911, 483, 486, 487, 489, 491, 493 (in cattle, goats, sheep; Asia, Africa, Australia, New Zealand, S. A., Europe, U. S. A.).—Garin, 1913, 8.—Gedœlst, 1911a, 116, fig. 154 (in goat, ox, man, sheep, etc.).—Gough, 1908, 3–4 (in sheep; Transvaal).—Ihle, 1917, 165, 167, 168.—Klein, 1905, 1–11; 1906, 18–19.—Leiper, 1908 (3), 189–190 (in O. a.; Nasser, Sobak River); 1911, v. 8, 448.—Magal., 1908, v. 12 (2), 283–286 (in Homo; S. America); 1908, v. 14, 162–167; 1908, 218; 1909, Cif, 129 (case in Homo; Santa Victoria).—Maupas & Seur., 1913, 34.—Meyer, 1897, 21.—Mote, 1914, 27, 31, 38–39, figs. 8, 9.—Nev.-Lem., 1912a, 706, 707.—Powers, 1909, v. 21 (2), 181–182; Bull. 142, 3–19 (in cattle, sheep).—Rail., 1915, 493; 1915, JVC, 735 (in goat, ox, sheep).—Rail. & Henry, 1909a, 86 (in *Addax nasomaculata*); 1912, 566; 1913, 454.—Rans., 1906g, 10–11, 53–54; 1906i, 1–7, figs. 1–2 (in O. a.; U. S. A., life history); 1906h, 207–212 (in lambs); 1907a, 163–168; 1907b, 1–7; 1907c, 340–345; 1907d, 437–443; 1907g, 735; 1910, 269–278; 1910 (157), 1–10; 1911a, 14, 15, 34, 49, 50–54, 82, 85, 99, 121, 122, 123, 124, figs. 33–37 (s. *Str. filicollis*, placei) (in *Ad. nas.*, *Alce americanus*, *Antilocapra americana*, *Bos taurus*, *Bison bison*, *C. h.*, *Capreolus capreolus*, *Homo*, *Odocoileus hemionus*, *Ovis a.*, *O. nahura*, *O. ammon*, *O. mexicana*, *Mazama sp.*, *Rupicapra rupicapra*, *Rangifer terrænovæ*; Europe, U. S. A., Asia, Africa, Australia, New Zealand); 1915, v. 2 (50), 4, 6; 1916, 297; 1917, TASTM, 83.—Seur., 1913, 75, 76, 79, 81; 1914, 623–626, 634.—Shipley, 1911, 212.—Sl. & Sw., 1912a, 327, 328, 377, 402, fig. 185.—Stiles, 1903l, 14, 17, 75; 1914, MM, v. 2, 294.—Theze, 1916, BSPe, 402.—Veglia, 1915, RDA, Nov., 347–500, figs. 1–60, pls. 1–18; 1916, JCPT, v. 29 (3), 265–277.—VJ, 1909 (410), v. 65, Aug., 426–427.—Ward, 1916, 698.—Wing, 1908, v. 18 (7), 11; 1908, v. 54 (2), 48.—Wolfh., 1911, 64–65.—Woodruff, 1911, v. 8, 363.

gracilis (M'Fadyean, 1896) Sl. & Sw., 1912a, 380, 402.

longistipes Rail. & Henry, 1909a, 86 (in dromadaire; Africa, India).—Gedœlst, 1911a, 116 (in d.).—Nev.-Lem., 1912a, 715.—Rail., 1915, 493; 1915, IVC, 735 (in d.).—Rans., 1911a, 14, 54, 123 (in *Camelus dromedarius*; Africa, India).

lunatus Trav., 1914, Bm, 325 (5) (in *Bos taurus*; Rio de Janeiro, Peuha).

ostertagi (Stiles, 1892) Stiles, 1903, 75.

rubidus (Stiles & Hass., 1892) Sl. & Sw., 1912a, 378, 379, 402.

similis Trav., 1914, Bm, 3–4 (in *Bos taurus*; Brazil).

species Marshall, 1904, 182 (in *Ovis aries*; Montana) [see *Ostertagia marshalli*].—Rans., 1911a, 62 (so. *Ostertagia marshalli*).

vasorum (Bail., 1866) Sl. & Sw., 1912a, 381, 403.—Rail., 1915, IVC, 747 (in dog).

ventricosus (Rud., 1809) Sl. & Sw., 1912a, 380, 402.

HÆMONSTRONGYLUS Craig, 1915, AVR, 508 (misprint for *Hæmostr.*).

HÆMOSTRONGYLUS Rail. & Henry, 1907a, 753 (tod. *Str. vasorum*); 1907, 566; 1909a, 86; 1913, 453.—Nev.-Lem., 1912a, 644.

subcrenatus Rail. & Henry, 1913, v. 6 (6), 451–454, figs. 1–2 (in *Felis pardus*; at Dongou, Congo belge).

vasorum (Bail., 1866) Nev.-Lem., 1912a, 701 (in dog).—Craig, 1915, 508 (treatment).—Rail., 1914, 168–179; 1915, 506, 509.—Rail. & Henry, 1913, 453; 1913, 213–215, figs. 4–6 (in dog).

HÆRUCA Gmel., 1790a, 3050 (mt. muris) (refers to *Pseudoechinorhynchus* Gœze, 1782, 138).—Ben., 1858a, 3; 1861a, 3.—Brug., 1791, 106 (musculi).—Cuv., 1798, 637; 1817a, 40.—Deslgch., 1824u, 451.—Dies., 1851a, 19 (so. *Echinor.*).—Duj., 1845a, 483.—Goldb., 1855a, 107.—Hémont, 1827a, 9.—Lamour., 1825b, 9.—Looss, 1902m, 755.—Lühe, 1905b, 202 (type *E. muris*).—Marval, 1905a, 204 (so. *E.*).—Nordm., 1840, 641 (*Hœruca*).—Raf., 1815, 151 (of “*L*” renamed *Hærucula*).—Rud., 1793a, 21–22; 1801a, 54; 1802a, 65 (stomach of mouse); 1809a, 302.—Stiles, 1905y, 28; 1906a, 36 (so. *Tænia*).—Stiles & Hass., 1905b, 110.—Stiles & Stev., 1905a, 8 (so. *Tænia*).—Westrumb, 1821a, 40.

erinacei Rud., 1793a, 22 (in *Erinaceus europæus*; by Rud.); 1809a, 254 (so. *Echinorh. napæiformis*).—Dies., 1851a, 22 (so. *E. n.*).—Lühe, 1905a, 334; 1905b, 202, 263, 334 (so. *E. erinacei*=*n.*).—Westrumb, 1821a, 8(= *E. n.*).

muris (Schränk, 1788) Gmel., 1790a, 3050 (= ? *Cysticercus fasciolaris*).—Cuv., 1817a, 40.—Dies., 1851a, 54 (to *Echinor.*).—Lühe, 1905a, 334; 1905b, 150 (so. *C. f.*), 225, 260, 334 (= *Pseudoechinor.*).—Risso, 1826a (b), 261 (in rat;

HÆRUCÆ—Continued.

muris—continued.

Alpes Maritimes).—Rud., 1793a, 21–22; 1809a, 302 (to E.); 1819a, 76 (to E.).—Stiles, 1905z, 28; 1906a, 44 (so. ? C. f.).—Stiles & Stev., 1905a, 8.—Zed., 1803a, 169.

musculi Brug., 1791a, 107, pl. 37 fig. 1 (in *muris musculi ventriculo*).—Rud., 1809a, 302 (so. *Echinor. muris*).

HÆRUCULA Pall., 1760, 52; 1768a, 289 (“habitat in ranæ, esocis, cernuæ, percæ & maxime in *Truttæ nobilis intestino*.” See also *Tæniola*).—Dies., 1851a, 29 (so. *Echinorh. hæruca*).—Encycl. méth., 1824, v. 2, 451.—Goldb., 1855a, 107 (so. *Echinorh.*).—Lamour., 1825b, 9.—Lüche, 1905a, 334–335; 1905b, 334.—Marval, 1905a, 204 (to E.).—Rud., 1809a, 265 (=E. h.).—Stiles & Hass., 1905b, 110.—Westrumb, 1821a, 18 (=E. h.).

HÆRUCULA Raf., 1815a, 151 (“*Hæruca L.*” renamed, hence type *muris*=*fasciolaris*).—Stiles & Hass., 1905b, 150.

HALALAIMUS Man, 1888a, 2–4 (mt. *gracilis* Man).—Stiles & Hass., 1905b, 110.

gracilis Man, 1888a, 3–4, pl. 1 fig. 1 (free; Walcheren Isl.); 1907, 86 (Zealand).

HALAPHANOLAIMUS Southern, 1914a, 11–12 (mt. *pellucidus* Anguillulidæ).

pellucidus Southern, 1914a, 11–12, pl. 1 figs. 2 a–f (Clew Bay).

HALICHOANOLAIMUS Man, 1886a, 66 (tod. *Spilophora robusta*); 1888, 36–39 (mt. S. r.); 1907, 55.—Stiles & Hass., 1905b, 111.

dolichurus Savelev, 1912, 121 (Kolafjord, Catharinahafen).

minor Savelev, 1912, 120–121 (Kolafjord, Catharinahafen).

rapax Savelev, 1912, 122 (im Sande; Mogilnojsee, Kolafjord, Palafjord).

robustus (Bast., 1865) Man, 1907, v. 20, 87 (marine; Zealand).—Southern, 1914a, 24 (Blacksod B., Clare Isl.).

HALIGMUS Carus, 1863, v. 2, 461 (for *Heligmus*).

HALIPLECTUS Cobb, 1913, JWAS, v. 3 (16), 443 (mt. *pellucidus*).

pellucidus Cobb, 1913, 443 (brackish and fresh water; Eastern U. S. A.).

HAMANIA Trav., 1915, Bm, v. 29, 105 (3–4) (tod. *microcephala*).

microcephala (Rud., 1819) Trav., 1915, Bm, v. 29, 105 (4).

HAMANIELLA Trav., 1915, Bm, v. 29, 137 (1) (*Hamannia* Trav., not R., H., & S., 1912) (type *microc.*).

HAMANNIA Trav., 1915, Bm, v. 29, 137 (1), for *Hamania*, 1915 (renamed *Hamaniella*).

HAMANNIA R., H., & S., 1912, CrSB, 624 (3) (tod. *uncinata*) (subg. of *Acuaria*).

calcarata (Mol., 1860) R., H., & S., 1912, 624 (3) to A. (H.).

contorta (Mol., 1858) R., H., & S., 1912, 624 (3) to A. (H.).

longeornata (Mol., 1860) R., H., & S., 1912, 624 (3) to A. (H.).

phœnicopteri Seur., 1916, CrSB, 439–441, figs. 1–4 to A. (H.) (in *Phœnicopterus roseus*; Algeria).

squamata (Linst., 1883) R., H., & S., 1912, 624 (3) to A. (H.).

uncinata (Rud., 1819) R., H., & S., 1912, 624 (3) to A. (H.).

HAMULARIA Treutler, 1793, 10–13 (mt. *lymphatica*).—Blainv., 1824a, 513; 1828, 549.—Braun, 1915a, 308, 325.—Cast. & Chalm., 1910a, 407, 424; 1913a, 522, 539.—Crep., 1846b, 161 (to *Tentacularia*).—Criv., 1845a, 5.—Cuv., 1817a, 30–31.—Deslch., 1824v, 454.—Eiss, 1838a, 26.—Gerv. & Ben., 1859a, 145.—Hémont, 1827a, 8.—L’Herminier, 1826a, 11.—Joy, 1835a, 505.—Lam., 1816a, 215.—Lamour., 1825b, 39.—Leuck, 1868a, 264; 1876a, 619.—Looss, 1902m, 755.—Mlinarich, 1832a, 12.—Mol., 1858a, 162.—Nordm., 1840a, 665.—Oken, 1815a, 186.—Rail. & Henry, 1911, 387.—Rud., 1801, 55–56; 1809a, 3, 13–14, 32, 82, pl. 12 fig. 6.—Schneid., 1866a, 12, 13, 15.—Slawikowski, 1819b, 61.—Stiles, 1907b, 41 (mt. *lymphatica*=*equina*).—Stiles & Hass., 1905b, 111.—Valentin, 1811a, 3.—Zed., 1803a, 40 (to *Tentacularia*).

cylindrica (Zed., 1803) Rud., 1809a, 83–84, pl. 12 fig. 6 (s. *Linguatula bilinguis*) (in *Lanius collurio* by Schrank).—Chiaje, 1825a, 3.—Lam., 1816a, 216.—Mol., 1858c, 393 (so. *Fil. tridens*).—Nordm., 1840, 666 (s. L. b., *Fil. collurionis pulmonalis*) (in L. c.).—Oken, 1815a, 186.

equi (Gmel., 1790) Cast. & Chalm., 1910a, 1190; 1913a, 539 (s. *lymphatica*).—Neum. & Mayer, 1914a, 406.

HAMULARIA—Continued.

linfatica (Brera, 1810a) Criv., 1845a, 6 (s. Fil. bronchialis).

lymphatica Treutler, 1793a, iv, 10-13, pl. 2 figs. 5-7 (in Homo; Europe).—Blainv., 1828a, 549 (in H.).—R. Bl., 1890a, 15 (to Fil.).—Braun, 1883a, 182 (so. F. bronchialis); 1903a, 276 (so. F. equina); 1908a, 309; 1915a, 325.—Brera, 1810a, 225-231.—Cast. & Chalm., 1910a, 424; 1913a, 539.—Chiaje, 1825a, 3, pl. 1 fig. 2 (so. F. hominis bronchialis).—Dav., 1877a, cix.—Hémont, 1827a, 11 (in H.).—Leuck., 1867b, 150; 1868a, 264, fig. 161; 1876a, 618, fig. 308.—Linst., 1902a, 222 (s. F. hominis not F. inermis, F. equina).—Nordm., 1840, 665 (so. subcompressa).—Olfers, 1816, 31.—Rail., 1893a, 530 (to F.).—Rail. & Henry, 1911, 387.—Rud., 1809a, 82.—Schmalz, 1831, 26.—Slawikowski, 1819b, 23, 25.—Stiles, 1907b, 41 (s. F. equina, Str. longevaginatus) (=Metastr. apri).—Ward, 1903, 212 (to F.).

nodulosa Rud., 1809a, 84-85 (s. Gord. gallinæ, Fil. gallinæ, Linguatula unilinguis, Cap. semiteres) (in Gallinæ intestinis; by Gœze); 1810a, 379; 1814a, 85; 1819a, 14.—Brems., 1811, 18, 24.—Hass., 1896a, 5, 6 (so. Trichosoma longicollae).—Lam., 1816a, 216.—Mol., 1861, 320 (so. Trichosoma annulatum).—Nordm., 1840a, 666 (s. G. g., F. g., T. l.).—Oken, 1815a, 186.—Risso, 1826a (b), 259 (in chicken; Alpes Maritimes).

subcompressa (Zed., 1803) Rud., 1809a, 82-83 (s. lymphatica) (in Homo); 1819a, 7.—R. Bl., 1890a, 15 (so. Fil. lym.).—Braun, 1915a, 325.—Brems., 1824, 250-253, pl. 3 fig. 2.—Chiaje, 1825a, 3 (so. Fil. hominis bronchialis).—Cuv., 1817a, 31.—Eiss, 1838a, 26.—L'Herminier, 1826a, 14.—Joy, 1835a, 516.—Küsch., 1855a, 296 (so. Str. longevaginatus).—Lam., 1816a, 216.—Leuck., 1868a, 404.—Lundborg, 1817a, 7.—Mlinarich, 1832a, 12.—Most, 1836a, 978.—Nordm., 1840a, 665 (s. lym., Crino truncatus, F. h. b.).—Oken, 1815a, 186.—Püettner, 1837a, 5 (in H.).—Sjöbeck, 1830a, 10.—Slawikowski, 1819b, 62, 140.—Stiles, 1907b, 41.—Valentin, 1811a, 3-4 (s. lym.) (in H.).

HAMULARIA Slawikowski, 1819b, 23, 25 (for Hamularia).

lymphatica Slawikowski, 1819b, 23, 25 (for lymphatica).

HAPLACIS Rail. & Henry, 1916, CrSB, 114 (tod. silvestrii).

silvestrii (Par., 1896) Rail. & Henry, 1916, 114.

HAPLONEMA Ward & Magath, 1917 (for 1916), JP, 61 (mt. immutatum) (?Spiruridæ).

immutatum Ward & Magath, 1917, JP, 61, figs. 1-2 (in Amia calva; Lake St. Clair, Fairport, Ia.).

HARTERTIA Seur., 1914, CrAS, 1017; 1915, NZ, 11 (type by present designation obesa) (between Habronema and Protospirura).

obesa Seur., 1915, 11-14, figs. 10-15 (in Caccabis petrosa spatzi; Oued N'za).

rotundata (Linst., 1883) Seur., 1915, 14.

HAULARIA Lee, 1840a, 242 (misprint for Hamularia).—Stiles, 1907b, 40.

subcompressa (Zed., 1803) Lee, 1840a, 282.—Stiles, 1907b, 41.

HEDRURIDÆ Rail, 1916, RMv, 521.

HEDRURIDÆ Dies., 1861a, 646 (f., contains: Hedruris, Synplecta).—Carus, 1863, v. 2, 460.

HEDRUIS Schneid., 1866a, 340 (misprint for Hedruris).—Stiles & Hass., 1905b, 111.

HEDRURIS Nitzsch, 1821a, 48-49 (mt. Asc. androphora).—Burm., 1837a, 535.—Carus, 1863, v. 2, 460.—Crep., 1839a, 281.—Duj., 1845a, 291.—Goldb., 1855a, 110.—Kreft, 1871a, 210.—Leuck., 1876a, 547; 1879a, 153; 1886d, 119.—Linst., 1909, 63; 1909 (15), 71, 75.—Linst., 1909, 63; 1909a, 71, 75.—Mol., (1857a) 1858d, 151; 1861c, 292.—Moniez, 1889p, 361-385, pl. 7 figs. 1-13; 1889q, 1-25, pl. 7 figs. 1-13; 1890c, 192.—Mordw., 1908, v. 13 (1-2), 144.—Perrier, 1871a, 5-64, pls. 1-2 figs. 1-34; 1871b, 337-339.—Rail., 1916, JP, 99.—Schneid., 1866a, 29, 107, 235, 238.—Shipley, 1896a (1901b), 163.—Stiles & Hass., 1905b, 111.—Wallenstedt, 1847, 8.

androphora Nitzsch., 1821a, 48-49 (in Triton tæniatus; by Nitzsch).—Carus, 1863, v. 2, 460 (in Tritonen).—Crep., 1839a, 281 (in Wassersalamander).—Dies., 1851a, 205 (s. Asc. (Hed.) a., A. leptocephala) (in Bufo calamita; Berl.; B. igneus; M. C. V.; Hypochthon laurentii; M. C. V.; Lissotriton punctatus, Triton cristatus; Breslau); 1861c, 274.—Duj., 1845a, 291.—Galeb. 1878b, 367.—Hannover, 1864a, 3 to (Asc.).—Leidy, 1886a (1904a), 313 (193) (s. Synplecta pendula) (in Nanemys guttatus).—Linst., 1909, J. 75, 63-64 (in stomach of Bombinator igneus, H. l., Triton alpestris, T. c., T. exiguus, T. t.; in spleen of Bufo calamita; larva in Asellus aquaticus); 1909a, 75, fig. 66

HEDRURIS—Continued.*androphora*—continued.

- (in *Bufo*. cal., Bom. ig., T. a., T. c., T. t.).—Mol., 1858, 151; 1861c, 292–295, pl. 10 figs. 3, 5–8, 19 (in B. c., B. i., H. l., T. c., T. e., L. p.).—Pavesi, 1881a, 296–297 (in *I'ulune*, B. c.).—Schulthess, 1882a, 183.—Schneid., 1866a, 107–108, 234, 252, 278, 280, 286, 313, pl. 4 fig. 8, pl. 24 fig. 17.—Seur., 1916, 347 (of Schmelz).—Stiles & Hass., 1894e, 341 (in *Amblystoma mexicana*, N. g.).—Stoss., 1891d (e), 109 (1) (in T. c.).—Wedl, 1855b, 403–404, 408, fig. 12 (in T. igneus, T. c.).—Also reported for *Emys guttata*, *Proteus anguineus*.
- armata* Perrier, 1871a, 1–64, figs. 1–34 (in *Emys picta*; Mus. Paris); 1871c, 337–339.—Galeb, 1878b, 329, 331.—Linst., 1909, v. 1 (1), 63 (in E. p.), 66.
- hipsirhinæ* Chatin, 1876a, 803–805 (in *Hipsirhina bocourti*; Cochinchina).—Linst., 1909, AN, J. 75, 64 (in intest. H. b.).
- orestiæ* Moniez, 1889p (q), 361–385 (1–25), figs. 1–6, 8–13 (in intest. of *Orestias mülleri*; Lake Titicaca, Peru and Bolivia); 1890c, 192.—Linst., 1909, Jhg. 75, 64 (in O. m.).—Nev.-Lem., 1905g, 255, 256 (in O. albus, O. m.; L. T.); 1909, 110.—Seur., 1916, 347 (in *Allorchestes*).
- siredonis* Baird, 1858a, 225–226, pl. 52 figs. 1–4 (in stom. *Siredon mexicanus*; Mex.).—Linst., 1878a, 204; 1909, J. 75, 64 (in S. m.).
- squamata* Linst., 1909, AN, v. 1 (1), 63–66, figs. 1–8 (in *Clemmys guttata*; Offen-burg).

HELICOTHRIX Galeb, 1878b, 296–298 (tsd. *Oxyuris spirotheca*) (subg. of *Oxyuris*, contains *spirotheca*, *hydrophili*, *hydroi*, *hydrobi*), 379 (*Helicotrix*).—Rail. & Henry, 1916, 114 (so. *Pseudonymus* Dies.).—Stiles & Hass., 1905b, 111.

HELICOTRIX Galeb, 1878b, 379 (for *Helicotrix*).

HELIGMOSOIDES Rail., 1916, RMv, 519 (for *Heligmosomoides*, 1916).

HELIGMOSOMINÆ Trav., 1914, Bm, 325, 326 (3, 5, 6) (contains *Heligmosomum*, *Viannaia*).—Hall, 1916a, 123, 148–149, 158, 160 (contains *Heligmosomum*, *Heligmosomoides*, *Viannaia*); 1916b, 518.

HELIGMOSOMOIDES Hall, 1916a, 149, 159, 160–161 (tod. *linstowi*).

linstowi Hall, 1916a, 161–162, figs. 205–208 (s. *Str. polygyrus* Duj. of Linst.) (in *Microtus arvalis*; Germany).

HELIGMOSOMUM Rail. & Henry, 1909a, 86–87 (tod. *costellatum*); 1912, 566.—Hall, 1916a, 141, 146, 148, 149–150, 151, 153, 154, 155, 157, 158, 159; 1916b, 519.—Seur., 1917, CrSB, 354.—Trav., 1914, 5.

agoutii Neiva, Cunha, & Trav., 1914, 184–185, pl. 26 fig. 4.

brasiliense Trav., 1914, Bm, 326 (34) (in *Mus decumanus*; Rio de Janeiro).—Hall, 1916a, 150, 154–155 (in *Epimys norvegicus*; Brazil); 1916b, 519.

costellatum (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 149, 150–151, 153 (in *Microtus arvalis*; France).

depressum (Duj., 1845) Rail. & Henry, 1909a, 88.

gracile (Leuck., 1842) Rail. & Henry, 1909a, 88.—Hall, 1916a, 150, 153 (in *Glis glis*; Europe).

lave (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 150, 153–154, 160 (in *Dipodilla campestris*, *Pitymys subterraneus*, *Apodemus sylvaticus*, *Eliomys quercinus*; Europe, Algeria).—Seur., 1914, 521 (in D. c.; A.); 1915, v. 48 (3), 171–177 (1–7), figs. 1–4 (in D. c.; A.).

minutum (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 150, 151–152, 153, 157, fig. 199 (in *Microtus arvalis*, *Apodemus sylvaticus*, *Pitymys subterraneus*; France).

polygyrum (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 159 (to *Viannaia*).

vexillatum Hall, 1916a, 150, 152, 155–158, figs. 200–204 (in *Thomomys fossor*; Colo.)

HELIGMUS Duj., 1845a, 136, 147–148 (mt. *longicirrus*) [not *Eligma* Hübn., 1816, lepidopt.; corrected to *Heligma* by —?, — see Scudd., 1884, 143; *Heligmus* Cand., 1864, coleopt.; not *Eligma* Desl., mollusk].—Carus, 1863, 461.—Mol., 1857a, 151.—Stiles & Hass., 1905b, 111.

longicirrus Duj., 1845a, 148 (in *Pleuronectes platessa*; Rennes).—Carus, 1863, 461.—Dies., 1851a, 206 (in *Platessa vulg.*; Rennes).—Krøyer., 1838–40a, 610 (in P. v.).

- HELMINS** Schlotthauber, 1860, 128 [it is doubtful whether this should be interpreted as a generic name].—Stiles & Hass., 1905b, 111.
nematoides dubius Schlotthauber, 1860a, 128 (in intest. *Equus cab.*; by Schlotth.).
nematoides paradoxus Schlotthauber, 1860a, 128 (in *Gadus æglefinus*, *Sterna hirundo*).
- HELMINTHUS** Duml., 1895a, 518 (Hairworm; *Seta equina*). [It is very doubtful whether this is intended as a generic name.]
gordii Duml., 1895a, 518 (Hairworm; *Seta equina*).
- HEMIPSILUS** Quatref., 1846a, 131-132 [one unnamed species] (marine anguillule).—Bast., 1865c, 172 (gives three species).—Büetsch., 1874b, 277 (so. *Thoracostoma*).—Leuck., 1849a, 157-159.—Schneid., 1866a, 51.—Stiles & Hass., 1905b, 111.
amphacanthus Grube, 1855, [nv.].—Bast., 1865c, 172; species Quatref., 1846a, 131 (marine; côtes de la Manche).—Bast., 1865c, 172.
trichodes Leuck., 1849a, 157-159 (marine; Iceland).—Bast., 1865c, 172.
- HEMONCHUS** Horta, 1913, RVZ, v. 3 (1), 3-10, 3 pls. (for *Hæmonchus*).
contortus (Rud., 1803a) Horta, 1913, v. 3 (1), 3-10, 3 pls.
- HEPATICOLA** Hall, 1916a, 19 (*Trichurinae*), 30, 31 (tod. *hepatica*); 1916b, 517.
hepatica (Bancroft, 1893) Hall, 1916a, 30, 31-33, figs. 35-36 (in *Epimys alexandrinus*, *E. norvegicus*, *Lepus europæus*; Australia, Europe, U. S. A.).
- HERUCA** Scop., 1777, 383 (gives only *Tenia heruca*, see also *Hæruca*).—Blainv., 1824a, 515 (*Heruque*, French).—Stiles & Hass., 1905b, 111.
- HETERACHIS** Galeb, 1878b, 310, 317 (for *Heterakis*).
vesicularis (Froel., 1791a) Galeb, 1878b, 310, 317.
- HETERACIS** Mol., 1858d, 149-150 (type *vesicularis*; for *Heterakis*); 1861c, 289-290.—Müll., 1904a, 119.—Olss., 1869b, 487.—Stiles & Hass., 1905b, 111.
- Heterakiasis** (infection with *Het.*).—Hut. & Mar., 1913b, 500-502.
- HETERAKIDÆ** Rail. & Henry, 1914, ICZ, 674-682 (key to genera: *Ascaridia*, *Aspidodera*, *Cissophyllus*, *Dacnitis*, *Het.*, *Subulura*); 1915, 447.—Hall, 1916a, 39, 44, 51, 62, 64, 65 (contains: *Het.*, *Asp.*, *Ascaridia*, *Dac.*, *Sub.*, *C.*); 1916b, 518.—Lane, 1914, 655; 1916, IJMR, 99-103.—Rail., 1915, 491; 1915, 734.—Seur., 1916, 143; 1917, CrSB, 350.—Skrj., 1916, 487; 1916, 53.—Trav., 1914, 137, 138 (contains: *Ascaridia*, *Asp.*, *Het.*, *Oxinema*, *Paraspidodera*, *Strongyluris*, *Subulura*).
- HETERAKINÆ** Rail. & Henry, 1912, 256 (changed in footnote to *Heteracinae*).—Hall, 1916a, 44, 45, 49; 1916b, 518.—Lane, 1914, 655 (contains: *Ascaridia*, *Aspidodera*, *Het.*, *H. (Strongyluris)*); 1916, IJMR, 101.—Trav., 1913, 271 (contains: *Aspidodera*, *Ascaridia*, *Cissophyllus*, *Dacnitis*, *Het.*, *Subulura*); 1913, v. 5 (3), 271-318, pls. 27-31 figs. 1-38; 1914, v. 6 (2), 137, 138 (subf. of *Heterakidæ*, contains: *Ascaridia*, *Asp.*, *Het.*, *Paraspidodera*, *Strongyluris*).
- HETERAKIS** Duj., 1845a, 136, 222-230 (tod. *vesicularis* de la poule).—Bail., 1866b, 36.—R. Bl., 1888a, 661.—Bonneson, 1911, v. 23 (7), 177-182.—Braun, 1883a, 159; 1895b, 213; 1903a, 253; 1915a, 285, 291.—Carus, 1863, v. 2, 461.—Cobb, 1896a, 746-753, figs. 1-8 (in fowls).—Geddelst., 1911a, 132.—Gendre, 1909, v. 63, 33-41, figs. 1-22, 74-83, figs. 1-15; 1911, v. 65, 68-78, figs. 1-9 (*Dahomey*); 1911, 1-11, figs.—Guerrini, 1914, AdP, v. 16, 337-372 (*eosinophilia*).—Hall, 1916a, 44, 45, 52, 105.—Johnst., 1913, PRSQ, v. 24, 63-91, pls. 1-4.—Kasperek, 1902a, 245-247.—Lane, 1914, Oct. 655 (g. of *Heterakinæ*), 656 (diag. type *vesicularis*), 660; 1916, IJMR, 100, 101; 1917, IJMR, 754-756.—Leiper, 1908, RWRL, in 187-199, figs. 1-12.—Linst., 1898c, in 280-291, 2 pls.; 1900g, 6; 1902a, in 217-232, 1 pl.; 1904f, 9 (6), 2 pls.; 1906, SZ, v. 3, in 163-188, 3 pls.; 1906, AN, Jhg. 72, in 249-258, 3 pls.; 1906, v. 41, in 749-752; 1907, v. 2, 324; 1907, v. 47, in 111-114; 1907, in 251-259; 1909, CfB, v. 50, in 448-451, figs. 1-4; 1909a, 48, 55.—Looss, 1901a (1902), 41; 1905a, 18; 1911a, 182, 183, 189, 515.—Nev.-Lem., 1908a, 416; 1912a, 643.—Rail., 1893a, 405-409 (contains: *Cheilostomi* for *H. sensu stricto*, and *Acheilostomi* for *Stelmus* and *Subulura*); 1915, 491.—Rail. & Lucet, 1892d, 117-120; 1893a, 43 (cf. *Cheilostomi*, *Acheilostomi*).—Rail. & Henry, 1912, 256, 257 (type *vesicularis*).—Rollet., 1888a, 679, 681, 682, 686.—Schep., 1908f, 198.—Schneidem., 1896a, 305.—Schneid., 1866a, 25, 29, 30, 31, 66-70, 109, 126, 189, 190, 204, 234, 235, 239, 241, 242, 243, 245, 247, 248, 286.—Seur., 1914, BSHnA, v. 6, 195-202, figs. 1-5 (of birds); 1914, v. 6 (8), 222-225, figs. 1-4.—Shipley, 1896a (1901b), 131, 139.—Skrj.,

HETERAKIS—Continued.

- 1916, 487-488.—Sons., 1891d, 291 (in *Gallus dom.*).—Stiles & Hass., 1905b, 111.—Stoss., 1887f (1888a), 277-301 (1-25), pls. 3-9 figs. 1-45; 1889, 277; 1898c, 75-76; 1904b, in 1-4, pl. 1 figs. 1-11.—Theobald, 1899, (thymol).—Trav., 1913, 271, 272, 274-275 (type vesicularis); 1914, v. 6 (2), 138.—Ward, 1897b, 184.—Will.-Suhm, 1870a, 14.
- abbreviata* (Rud., 1819) Stoss., 1887f (1888a), 294, 295, 299 (18, 19, 23) (in *Scorpaena cirrhosa*).
- acuminata* (Schrank, 1788) Duj., 1845a, 227-228 (in *Hyla arborea*, *Rana escul.*, *R. temp.*, *Triton palustris*; Europe).—Baird, 1853a, 27 (s. *Asc. subulata*, *acuminata*, *ranæ*) (in *R. t.*).—Dies., 1851a, 153 (to *Asc.*).—Olss., 1876a, 147.—Stewart, 1914, 167.—Stoss., 1898c, 80 (to *Oxysoma*).
- acutissima* (Mol., 1860) Stoss., 1887f (1888a), 289, 297, 298, 299, 301 (13, 21, 22, 23, 25) (in *Cuculus seniculus*, *Strix atricapilla*).
- ægyptiaca* Linst., 1902a, 218, fig. 2 (in *Ardea garzetta*; Egypt).
- africana* Gendre, 1909, xxxiii-xxxvi (1-6), figs. 1-7 (in *Cinixys belliana*; Saré Kindia, French Guiana); 1911, PVSL, Bordeaux, 69 (2) (in *C. b.*, *Varanus arenarius*; Abomey, Guiana).—Rail. & Henry, 1914, 676 (in *C. b.*, *V. a.*).
- alata* Schneid., 1866a, 76, 1 fig. (in *Tinamus sp.*; Brazil).—Lane, 1917, IJMR, 758.—Stoss., 1888a, 285 (in *T. sp.*; B.).—Rail. & Henry, 1914, 675 (in *T. sp.*).—Trav., 1913, 279, 280-281, pl. 27 fig. 2 (in *Crypturus sp.*, *T. sp.*).
- allodapa* (Crep., 1853) Seur., 1914, CrSB, 154-157, figs. 1-4, to *Subulura* (H.) (in *Cariama cristata*; Brazil).
- amblymorpha* Drasche, 1883a, 139 (1), pl. 12 figs. 1-3 (in *Caprimulgus* (*Podager nacunda*) *campestris*; Brazil) (*Heteracis*).—Stoss., 1888a, 282 (in *C. c.*; B.).
- annulata* Mol., 1860e, 340 (12) (s. *colubri*) (in *Ophis saurocephalus*; Caiçara).—Dies., 1861a, 643 (in *O. s.*; Brazil).—Rail. & Henry, 1914, 676 (in *O. s.*).—Stoss., 1888a, 292 (in *O. s.*).
- anomala* Linst., 1904f, 7, pl. 1 figs. 10-11 (in *Tropidontus piscator*; Colombo).—Baylis, 1916, 229 (to *Tangua*).—Rail. & Henry, 1914, 676 (in *Tropidonotus p.*).
- arguata* Schneid., 1866a, 77, 1 fig. (in *Crypturus cupreus*; Brazil).—Lane, 1917, IJMR, 755.—Stoss., 1888a, 286 (in *C. c.*; B.).—Trav., 1913, 278, 281-282, pl. 27 fig. 3 (in *C. c.*, *Psophia viridis*).
- attenuata* (Mol., 1858) Stoss., 1888a, 293 (in *Leuciscus cavedanus*).
- australis* Linst., 1898c, 285, fig. 10 (in *Macropygia nigrirostris*; Ralum).
- banerofti* Johnst., 1912, 72-73, pl. 4 figs. 28, 30 (in *Cathetus lathamii*; Australia); 1912, v. 12, 106 (in *C. l.*; S. Q.).—Rail. & Henry, 1914, 676 (in *Talegallus (C.) l.*).
- beramporia* Lane, 1914, 658-660, pl. 75 figs. 1-3 (in domestic fowl; Berhampore, Bengal); 1917, IJMR, 755.
- borealis* Linst., 1884a, 131-132, pl. 8 fig. 12 (in *Lagopus mutus*); 1903u (1904a), 268 (4) (in *Tetrao lapopus*; Kamtschatka).—Stoss., 1888a, 283.
- bosia* Lane, 1914, 656, 657-658, 660, pl. 74 figs. 8-10 (in gut, *Ceriornis satyra*; Calcutta Zoo.).
- boueti* Gendre, 1911, ASL, Bordeaux, 74-76 (7-9), figs. 1-6 (in *Xerus erythropus*; Agouagon).—Hall, 1916, 54 (to *Subulura*).
- brasiliانا* Linst., 1899b, 11-12, pl. 2 fig. 21 (in *Perdix sp.*; Brazil).—Lane, 1917, IJMR, 756.—Rail. & Henry, 1914, 676 (in *P. sp.*).
- brasiliensis* Magal., 1892g, 210, 219-221, figs. (in *Gallus dom.*; Rio de Janeiro).—Geddes, 1903a, 58, 103 (in *G. gallinaceus*); 1911a, 133 (in chicken).—Hass., 1896a, 5 (in *G. d.*).—Hut. & Mar., 1910b, 500.—Nev.-Lem., 1912a, 1214; 1912, 682.—Par., 1900c, 195.—Rail., 1893a, 408-409 (in poule).
- brevicauda* Ratz, 1897c, 450-452, 1 fig. (in intest., *Lucioperca sandra*; by Ratz in Balaton).—Hofer, 1904a, 230 (in *L. s.*).—Linst., 1909a, 56 (in *L. s.*).—Pratt, 1916a, 225.
- brevicaudata* (Zed., 1800) Duj., 1845a, 228-230, pl. 5 fig. E. (in *Anguis fragilis*, *Bufo cinereus*, *B. igneus*, *B. fuscus*, *B. viridis*, *Coluber natrix*, *Rana temp.*, *Salamandra maculata*, *S. atra*; Europe).—Dies., 1851a, 153 (of Duj., so. *Asc. acuminata*).—Schneid., 1866a, 114 (in *R. t.*).—Stewart, 1914, 166, 167-168.—Stoss., 1898c, 80 (to *Oxysoma*).—Also reported for *Lucioperca sandra*.

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- brevicaudata* (Muëll., 1894) Rail. & Henry, 1914, 677 to (Strongyluris) (in Agama colonorum).
- brevispiculum* Gendre, 1911, 72-73 (5-6), figs. 1-4 (in Gallus gallinaceus, Numida meleagris, Francolinus bicalcaratus; Abomey, Zagnando).—Rail. & Henry, 1914, 676 (in G., N., F.).
- calcarata* Gendre, 1909, lxxv-lxxviii (4-6), figs. 1-6 (in Numida meleagris; Labé; 1911, 71 (4) (in N. m.; Abomey, Zagnando).
- campanula* Linst., 1899b, 10-11, pl. 2 fig. 16 (in intest., Lacerta campestris; Ypanema, Brazil).—Trav., 1913, 279, 283-284, pl. 27 fig. 7 (in L. c.).
- campula* Rail. & Henry, 1914, IZC, 676 (misprint for campanula) (in Lacerta campestris (?), "probablement Agama"; Brazil).
- catheturinus* Johnst., 1912, PRSQ, v. 24, 73-74, pl. 3 figs. 23, 25, pl. 4 figs. 26, 27 (in Catheturus latham; Burnett River); 1914, v. 12, 106 (in C. l.).
- caudata* Linst., 1906, v. 1 (3), 250-251, fig. 4 (in Lampronessa sponsa; Zool. Mus. Königsb.).—Rail. & Henry, 1914, 676 (in Anas sponsa).
- chenonettæ* Johnst., 1912, PRSQ, v. 24, 71-72, pl. 4 figs. 31, 33 (in Chenonetta jubata; Sydney); 1912, v. 12, 107 (in C. j.; N. S. W.).—Rail. & Henry, 1914, 676 (in C. j.).
- circularis* Linst., 1903k, 110, fig. 6 (in Centropus sinensis; Siam).—Lane, 1914, 664 (in C. s.; S.).—Shipley, 1903l, 153 (in C. s.).
- circumvallata* Linst., 1906, v. 1 (3), 251, fig. 5 (in Cygnus atratus; Zool. Mus., Königsb.).—Gedølst, 1911a, 133 (in swan).—Johnst., 1912, v. 12, 107 (in Chenopsis atrata; K.).—Rail. & Henry, 1914, 676 (in Cyg. a.).
- columba* (Gmel., 1790) Rail., 1885a, 324 (s. Asc. maculosa) (in pigeon); 1893a, 406 (so. mac.).—Gedølst, 1911a, 133 (in domestic pigeon, pheasant, etc.).—Hut. & Mar., 1913b, 500.—Martin, 1913, 4, 32-34, 41, 57, 64, 67, 68, 88, 118, 119, 122, 127, 130, 141, 142, 145, 146.—Nev.-Lem., 1912a, 677.—Vaull., 1901a, 136 (in pigeons, pheasants) ("=H. mac. Rud.").
- compar* (Schrank, 1790) Stoss., 1887f (1888a), 287, 296, 299 (11, 20, 23) (in Caccabis saxatilis, Coturnix dactylisonans, Ortyx virginianus, Perdix cinerea, Tetrao urogallus, T. lagopus; Fla.); 1890e, 55.—Fiebiger, 1912a, 302, fig. 224.—Gedølst, 1903a, 58, 103 (in Gallus gallinaceus); 1911a, 133.—Hass., 1896a, 5 (s. Asc. lagopodis) (in G. dom.).—Hut. & Mar., 1913b, 500.—Linst., 1899b, 12, pl. 2 fig. 18 (in T. u.; Isergebirge); 1906, v. 47, 112 (in T. tetric).—Muëll., 1897a, 10, 11, pl. 2 fig. 1a, 1b (in T. t., T. u.) (Heteracis).—Nev.-Lem., 1912a, 682.—Rail., 1893a, 408 (s. Asc. l.).—Wehrmann, 1909a, 234, 235, 237 (in G. d., Numida meleagris).—Also reported for Colinus virginianus, Coturnix communis.
- compressa* Schneid., 1866a, 67, 71, pl. 3 fig. 14 (in Gallus dom.; Adelaide, S. Australia).—Anacker, 1887c, 514.—Caruccio, 1886, 293.—Fiebiger, 1912a, 303.—Gedølst, 1903a, 58, 103 (in G. gallinaceus); 1911a, 133 (in rooster).—Hass., 1896a, 5 (in G. dom.).—Hut. & Mar., 1910b, 500; 1913b, 500.—Land., 1882, 23.—Magal., 1892g, 220, 221 (in G.; Australia).—Nev.-Lem., 1912a, 681.—Rail., 1893, 406.—Stoss., 1888a, 280 (in G. d.; Adelaide, A.).—Verrill, 1870c, 180 (in chicken).—Wehrmann, 1909a, 237 (in G. d.).
- cordata* Linst., 1906, v. 41 (7), 749-750, fig. 1 (in Callipepla squamata; Mex.).
- crassispiculum* Sons., 1889c, 227-228 (in Megalotis cerdo; Egypt); 1895c (d), 124 (6) (in M. c.).—Seur., 1915, CrSB, 126.
- cristata* Linst., 1901b, 413, figs. 8-9 (in Balearica regulorum; Langenburg, Nyassa-See, Africa).
- curvata* Linst., 1883a, 291-292, pl. 7 fig. 24 (in Perdix græca; Turkestan); 1886, 15.—Seur., 1914, 156.—Stoss., 1887f (1888a), 287-288, 296, 299, 300 (11-12, 20, 23, 24), fig. 23 (in P. g.; T.).
- cylindrica* Blome, 1909, ZV, v. 21, 353, 365-368, pl. 2 figs. 12-15, pl. 3 figs. 13-16 (in Tetrao urogallus; Breslau).
- dahomensis* Gendre, 1911, 76-78 (9-11), figs. 1-5 (in Cricetomys gambianus; Abomey).—Hall, 1916a, 45, 48 (so. spumosa).—Rail. & Henry, 1914, 676 (in C. g.).
- differens* Sons., 1890k, 136-137 (3-4) (in Gallus dom.; Pisa); 1891d, 291.—Fiebiger, 1912, 303.—Gedølst, 1903a, 58, 103 (in G. gallinaceus); 1911a, 133 (in

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differeus—continued.

- chicken).—Hass., 1896a, 5 (in G. d.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500.—Nev.-Lem., 1912a, 682.—Par., 1894a, 222, 672 (in G. d.).—Rail., 1893a, 409 (in G. d.; Pisa).
- dispar* (Schränk, 1790) Duj., 1845a, 225–226 (in geese).—Bail., 1866b, 36.—Clerc, 1903, 250, 256.—Cobbold, 1859d, 365, pl. 63, figs. 26–27 (in Sandwich Island goose).—Dies., 1851a, 149 (to Asc.); 1861a, 643 (in *Strix passerina*; Padua); 1861, 274.—Fiebiger, 1912a, 301, fig. 222.—Geddes, 1903a, 58, 106 (in *Anas boschas* dom. *Anser cinereus* dom.); 1911a, 133, fig. 178 (in domestic ducks, fat geese).—Hut. & Mar., 1906a, 399; 1910b, v. 2, 500; 1913b, 500, 501.—Linst., 1909 (15), 55, fig. 14 (in *Anas boschas*, *Anser anser*, *A. fabalis*, *Tadorna tadorna*).—Lucet, 1896a, 289 (in oie).—Mol., 1858d, 150 (in *Strix passerina*; Padua) (*Heterakis*); 1861c, 291–292 (in *Anas anser* dom., *A. canadensis*, *A. leucopsis*, *A. moschata*, *Strix passerina*).—Nev.-Lem., 1912, 680.—Rail., 1893, 408, fig. 268.—Rail. & Henry, 1914, 676 (in *Anas*, *Anser*).—Schneidern., 1896a, 323 (in Ente, Gans).—Schneid., 1866a, 75, 1 fig. (in *Anas tadorna*; Berl.).—Skrij., 1916, 492–493 (in *A. a. d.*; *Aoulié-ata*, *Syr Daria*).—Stoss., 1887f (1888a), 284 (8), 295, 298, 299, 300 (19, 22, 23, 24), fig. 13 (in *Anas b. d.*, *A. c.*, *A. l.*, *A. m.*, *A. tadorna*, *Anser cinereus*, *Surnia passerina*); 1890e (f), 55 (10) (in *Anas* dom.).—Trav., 1913, 275.—Verrill, 1870c, 180 (in goose).—Also reported for *Anser segetum*.
- distans* (Rud., 1809) Schneid., 1866a, 66, 68, 73–74, 233, 234, pl. 3 fig. 10 (in *Simia sabaea*; ? Berl.).—Linst., 1900g (1901), 5–9, pl. 2 figs. 10–22 (in *Callithrix caligata*, *Cercopithecus cephus*, *C. collaris*, *C. fuliginosus*, *C. sabæus*, *Hapale bicolor*, *H. chrysoleucos*, *H. jacchus*, *H. melanura*); 1902k, 373; 1907, v. 26 (6), 469.—Stoss., 1888a, 291, 298, 299, 300 (15, 22, 23, 24) (in *Cebus caligatus*, *Cercopithecus s.*, *C. f.*, *H. j.*, *H. chrysoleucos*, *Jacchus melanurus*, *J. bicolor*; Brazil).—Stewart, 1914, 173.
- dolichoerca* Stoss., 1902c (d; e), 7–8 (67–68; 7–8), pl. 5 figs. 30–32 (in *Circus spilo-thorax*; New Guinea).
- elegans* Gendre, 1909, xxxvi–xxxix (6–9), figs. 1–7 (in *Chamaeleon gracilis*; Labé, French Guiana); 1911, 69 (in *Cameleons*; Abomey).—Rail. & Henry, 1914; 667 to (*Strongyluris*) (in *C. g.*).
- fariæ* Lane, 1917, P, 756 (for *fariai*).
- fariai* Trav., 1913, MIOC, 278, 284, pl. 28 fig. 10 (in *Odontophorus capueira*, Sta. Cruz im Staate Rio).—Lane, 1917, IJMR, 756 (*fariæ*).
- fasciata* Schneid., 1866a, 68, 69, 78, 236, pl. 3 figs. 18–20 (in *Dasypus novemcinctus*; Brazil).—Stoss., 1888a, 287 (in *D. n.*; *B.*).
- fax* Par., 1889c, 769–770, pl. 3 figs. 9–11 (in intest., *Testudo* sp.; Birmanie); 1891, v. 10, 495 (in *T. sp.*).—Rail. & Henry, 1914, 676 (in *T. sp.*).—Trav., 1913, 310 (of Sons.).
- flexuosa* Schneid., 1866a, 67, 72–73, pl. 3 fig. 17 (in *Crotalus*; Brazil).—Stoss., 1887f (1888a), 283, 295, 299, 301 (7, 19, 23, 25), figs. 9, 43 (in *C. sp.*; *B.*).—Trav., 1913, 279, 288, pl. 27 fig. 9 (in *C. sp.*).
- forciparia* Schneid., 1866a, 68, 75 (in *Bucco* sp., *Caprimulgus ruficollis*, *C. nacadua*, *C. urutau*, *Cuculus navius*, *C. seniculus*, *C. tingazu*, *Dicholophus cristatus*, *Tetrao uru*; Brazil, Spain).—Stoss., 1887f (1888a), 288–289 (12–13) (s. *Asc. strongylina*) (in *Bucco collaris*, *B. macrorhynchus*, *B. melanoleucos*, *B. rufiventris*, *B. striolatus*, *B. tamatia*, *Caprimulgus nacadua*, *C. r.*, *C. u.*, *Cuc. n.*, *C. s.*, *C. t.*, *D. c.*, *Monasa leucops*, *M. rubecula*, *M. tenebrosa*, *M. torquata*, *M. tranquilla*, *Perdix dentata*, *Podager nacula*, *Tet. u.*, *Tinamus tatuapa*).
- foveolata* (Rud., 1809) Schneid., 1866a, 68, 69, 74, 189, 198, 218, 221, pl. 4 fig. 1 (s. ?abbreviatus, ?alatus, heterochrous, minutus) (in *Blennius phycis*, *Pleuronectes maximus*, *P. fesus*, *P. passer*; Europe).—Carus, 1885a, 173 (in *Murena*, *Phycis*, *Pleuronectides*, *Phycis mediterranea*).—Linst., 1905d, 329, 330 (s. *Cucullanus globosus*, *C. sp.*), 350, 351, 395 (in *Anguilla chrysypa*, *Galeichthys milberti*, *Leptocephalus conger*, *Micropogon undulatus*; Beaufort); 1907, v. 33, 93–94, 121–122, figs. 5–10 (in *Diplodus sargus*, *Holocentrus ascensionis*, *Lycodontis moringa*, *Mycteroperca apua*, *Neomænis grieseus*; Bermuda).—Müeh., 1898b, 46 (in *Platessa fesus*).—Nicoll, 1907a, 71, 72, (in *Gadus æglefinus*, *Hippoglossus vulg.*, *Pl. platessa*).—Stoss., 1887 (1888a), 290–291, 295, 299, 300 (14–15, 19, 23, 24), fig. 27 (s. *Cucullanus heterochrous*, *Dacnitis heterochrous*, *D. esuriens*) (in *Dentex vulg.*, *P. m.*, *Platessa vulg.*,

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foveolata—continued.

- P. flesus*, *P. limanda*, *Solea vulg.*; 1898c, 78 (to *Dacnitis*).—Will.-Suhm, 1870a, 14.—Also reported for *Conger cassinii*, *Gadus morrhua*, *Hippoglossus maximus*, *Pleuronectes passer*.
- francolina* Linst., 1899b, 11, pl. 2 fig. 20 (in *Francolinus bicalcaratus*; Togo, Bismarckburg).
- fusiformis* (Mol., 1860) Stoss., 1887f (1888a), 290, 295, 299 (14, 19, 23) (in *Platessa flesus*); 1890, 56; 1898c, 78 (in *P. passer*; Trieste).
- gadum* (Ben., 1858) Stoss., 1887f (1888a), 295, 299 (19, 23) (in *Gadus morrhua*).
- gallopavonis* (Gmel., 1790) Rail., 1893b, 36.—Vauil., 1901a, 130, 135–136 (in Gallinaces).
- gracilis* Linst., 1883a, 294 (in *Agama sanguinolenta*; Turkestan); 1886, 18.—Rail. & Henry, 1914, IVC, 676 (in *A. s.*).—Stoss., 1888a, 294 (in *A. s.*; T.).
- granulosa* Linst., 1906, v. 3 (11), 168, pl. 3 fig. 49 (in *Gallus gallinaceus*; Colombo).—Gedöelst, 1911a, 133 (in chicken).—Lane, 1914, 664 (in *G. g.*; C.).
- hamulus* Linst., 1906, v. 1 (3), 251–252, fig. 6 (in *Pavo spicifer*; Zool. Mus. Königsb.).—Gedöelst, 1911a, 133 (in peacock).—Rail. & Henry, 1914, 675 (in *P. s.*).
- hians* (Duj., 1845) Stoss., 1887f (1888a), 293–294, 299 (17–18, 23) (*s. Dacnitis hians*) (in *Conger vulg.*, *C. cassinii*, *Muraena helenae*).
- inflexa* (Zed., 1800 of Rud., 1819a) Schneid., 1866a, 67, 70, pl. 3 fig. 12 (*s. Asc. perspicillum*) (in *Gallus dom.*, *Meleagris gallopavo*; Berl.).—Anacker, 1887c, 514.—R. Bl., 1891t, 484 (in poule; Liberia).—Carruccio, 1886b, 279, 280–281 (in hen's egg); 1887a.—Centosculi, 1911, v. 37, 394, 399.—Cobb, 1896a (b), 747, 750–752 (2, 5–7), figs. 2–4, 7 (in *Gallus gallus*; cosmopolitan); 1905, v. 16, 561–562, 1 fig. (in fowl's egg).—Demateis, 1895, v. 1, 209.—Favre & Garin, 1913, v. 22, 90–91; 1913, v. 120, 410–412; 1913, v. 11, 130–132.—Fiebiger, 1912a, 300.—Guittard, 1899b, 414.—Hass., 1896a, 5, 6 (*so. p.*); 1896b, 2 (*so. p.*).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500, fig. 70.—Kowal., 1894a (b), 225; 1902d, 12, 30 (*so. p.*).—Land., 1882, v. 1, 23.—Linst., 1883a, 292 (in *Gallus dom.*; Turkestan); 1884, v. 50, 131, pl. 8 fig. 11; 1886, 16; 1903u (1904a), 268 (4) (in *Tetrao urogallus*; Petrograd); 1909 (15), 55, fig. 15 (in *Anas boschas*, *A. acuta*).—Lucet, 1888a, 314 (in chicken); 1898c, 91–92.—Magal., 1892g, 220, 221 (in *Gallus*; Brazil).—Möebius, 1888a, 19 (in hen's egg).—Müh., 1898b, 46 (in *Anas boschas*, *G. d.*).—Nev.-Lem., 1912a, 673.—Par., 1887b, 347–348 (75–76) (*s. Asc. teres galli* (major), *teres anatis*, *lumbrioides*, *gallopavonis*, *anatis*, *inflexa*, *vesicularis*, *p.*, *crassa*, *funiculus*, *Fus. reflexa*) (in *Anas boschas dom.*, *A. b. fer.*, *A. moschata*, *A. acuta*, *G. d.*; Bologna, Padova); 1900c, 195 (in *G. d.*; Brazil).—Rail., 1893a, 406 (*so. p.*).—Roth, 1903a, in 1–40, 3 pls.; 1904a, 264; 1907a, 167; 1907b, 223–224.—Santassofia, (1673), v. 4, 106–108.—[Santinelli, 1687, 17–22].—Saunders, 1914, v. 14, 132, 138.—Schneid., 1896a, 323 (in Huhn, Ente).—Stiles & Hass., 1894e, 342 (in *G. d.*, *Phasianus gallus*).—Stoss., 1887, v. 10, 186, pl. 11 fig. 47; 1887f (1888a), 279–280, figs. 1, 35 (*s. Asc. p.*) (in *Anas ac.*, *A. m.*, *A. b. dom.*, *A. b. fer.*, *G. d. Meleagris gallopavo*, *Tet. ur.*; Europe & Turkestan); 1890e (f), 56 (11) (in *G. gallorum*); 1890g (h), 129 (1) (in *G. d.*; Semlino); 1891a, 216 (1) (in *M. g.*); 1898c, 76 (*s. p.*).—Wehrmann, 1909a, 235 (in *Numida meleagris*).—Wolffh., 1900a, 10, 49, 50, 51, 52, 53 (in *Tet. ur.*, *T. tetrix*; Europe).—Also reported for *T. bonasia*.
- isolonche* Linst., 1906, v. 1 (3), 252, fig. 7 (in *Thaumalea amherstiae*; Zool. Mus. Königsb.).—Gedöelst, 1911a, 133 (in pheasant).—Hut. & Mar., 1913b, 500, 501.—Lane, 1914, 659, 660.—Lucet & Henry, 1911, v. 88, 320–333, 15 figs.; 1911, v. 88 (14), 320–333, figs. 1–15 (in *Crossoptilon mantchurianum*, *Phasianus colchicus*, *P. chrysomelas*, *Thaumalea picta*, *T. amherstiae*).—Rail. & Henry, 1914, 675 (in *Phasianus*).
- laticauda* (Mol., 1860) Stoss., 1887f (1888a), 282–283, 296, 299, 301 (6–7, 20, 23, 25), figs. 8, 42 (in *Dicholophus marcgrafi*; Brazil).
- laticaudata* Trav., 1913, 276, 278, 287, pl. 28 fig. 13 (for *laticauda* Mol.) (in *Microdactylus cristatus*).
- leprincei* Gendre, 1909, lxxviii–lxxxii (7–8), figs. 1–8 (in *Macrodipteryx macrodipterus*; Labé); 1911, 73 (in *Caprimulgus fossii*; Dahomey).—Seur., 1913, 329.
- lineata* Schneid., 1866a, 67, 70–71, fig. 1, pl. 3 fig. 15 (in *Gallus sp.*; Brazil).—Fiebiger, 1912a, 303.—Gedöelst, 1903a, 58, 103, 106 (in *Anas boschas dom.*,

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lineata—continued.

- Gallus gallinaceus*; 1911a, 133 (in domestic duck, also roosters).—Hut. & Mar., 1913b, 500.—Linst., 1883a, 292, pl. 7 fig. 25 (in A. b. d.); 1886, 16; 1909 (15), 56, fig. 16 (in A. b.).—Magal., 1892g, 220 (in *Gallus*; B.).—Nev.-Lem., 1912a, 682.—Par., 1900c, 195.—Rail., 1893a, 406 (in A. dom.; G. sp.; B., Turkestan).—Stoss., 1888a, 280, figs. 2, 36 (in A. b. d., G. sp.; B., T.).—Wolffh., 1900a, 10, 48, 59 (in A. b. d., G. d.; Europe).
- longicaudata* Linst., 1879a, 174, pl. 11 figs. 22–22a (in *Megacephalon* maleo; lng.).—Rail. & Henry, 1914, IZC, 675 (in *M. malco*).—Stoss., 1888a, 286 (in M. m.).
- longecirrata* Linst., 1879a, 175, pl. 11 fig. 23 (in *Geopelia* sp.? [Dolchstichttaube; lng.]).—Stoss., 1888a, 283–284.
- macronis* Stewart, 1914, RIM, 170–173, 186–187, pl. 19 figs. 17–24, pl. 20 figs. 25–34 (in *Macrones* aor; Lucknow).
- macroura* Linst., 1883a, 293–294, pl. 8 fig. 28 (in *Megaloperdix nigellii*; Turkestan); 1886, 17.—Rail. & Henry, 1914, 675 (in M. n.).—Stoss., 1888, 280–281 (in M. n.).
- maculosa* (Rud., 1802) Schneid., 1866a, 67, 69, 72, pl. 3 fig. 11, pl. 17 fig. 8 (in *Columba* dom.; Berl.).—Aless., 1907, v. 8, 220–224, 2 pls. (in pigeon); 1907, v. 17 (3), 323–329, pl. 12 figs. 1–4; 1908, v. 41 (19–21), 661–662.—Anacker, 1893g, 184.—A., D., & E., 1901b, 3.—Bedel, 1902a, 147 (in C. d.); 1902, DtW, 305; 1903, 233 (in C. d.).—R. Bl., 1888a, 666 (in C. d.).—Collinge, 1911, 58 (in pigeon).—Fiebiger, 1912a, 302, figs. 225, 226.—Galli-Val., 1901c, 363 (in C. d.).—Gedølst, 1903, 58.—Gendre, 1911, 69–71 (in C. d.; Abomey, Athiémé).—Guerrini, 1912–1913, v. 2, 238–245.—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500, 501.—Jacquot, 1891a, 169–171 (in C. d.).—Knauer, 1888a, 40.—Kowal., 1902d, 25 (in C. livia dom.; Lwow).—Linst., 1896b (c), 204 (17) (toxine, convulsions); 1899b, 11, pl. 2 fig. 17 (in C. d.); 1901c, 186–188, pl. 8 figs. 5–9 (in C. l.; Mus. Frankf.).—Looss, 1892a, 12.—Messner, 1901b, 241–242.—Müh., 1898b, 46 (in C. d.).—Par., 1885a, 440–441 (19–20) (s. *Asc. columbæ*, *teres*) (in *Stictoénas arquatrix*; Scioa); 1887 (76), 348–350; 1896, 5–6.—Pearson & Warren, 1896, 42, fig.—Rail., 1893a, 406–407, fig. 266 (s. A. c.) (in C. d., faisan).—Sabrazès & Salm, 1904a, 117; 1904b, 307–308.—Schneidem., 1896a, 323 (*makulosa*) (in pigeon).—Stiles & Hass., 1894e, 342 (in C. d.).—Stoss., 1887f (1888a), 281, 296, 297, 299, 301 (5, 20, 21, 23, 25) figs. 5, 39 (in C. d.; Italy, Germany; C. livia; Italy; C. gutturosa, C. risoria, C. talpacoti, C. picui, C. speciosa, *Stictoénas arquatrix*; Europe, Scioa Africa); 1891, 110; 1896c (d), 121–122 (3–4) (in C. d. *laticauda*, C. livia; Trieste); 1898c, 76 (in *piccioni domestici e selvatici*; Trieste).—Vaull., 1901a, 136.—Wolffh., 1911, 78.—Also reported for C. *arquatrix*, *Turtur sylvaticus*.
- magalaei* Lane, 1917, P, 758 for *magalhaesi* (*Ascaridia*).
- magnipapilla* Linst., 1906, v. 47, 112, figs. 3–4 (in *Tetrao tetrix*; Friedland).
- makulosa* Schneidem., 1896a, 323 (for *maculosa*) (in pigeon).
- monticelliana* Stoss., 1892b, 72, 73 (9, 10). pl. 2 figs. 9–10 (in *Otistarda*; Leipzig); 1893, 333.—Rail. & Henry, 1914, 676 (in O. t.).—Skrj., 1916, 491, 493 (in O. tetrax; Auolié-ata, Tchén Kent, Syr-Daria).
- numidæ* Leiper, 1908 (3), 193–194, fig. 44 (in *Numida ptilorhyncha*; White Nile).
- ornata* Linst., 1897i, 29, fig. 5 (in *Stellio* vulg.; Coll. Koenigsb. Mus.).—Gendre, 1909, 75 (so. *strongyluris* or *strongylura*); 1909, 39–41, figs. 1–7 (in *Agama colonorum*; Labe, French Guiana).—Rail. & Henry, 1914, 677 (to *Strongyluris*) (in *Stellio* vulg.).
- orthocerca* Stoss., 1902c (d. e), 67 (7), pl. 3 figs. 4–8 (in *Rhea americana*; Cagliari).—Trav., 1913, 278, 286, pl. 28 fig. 15 (in R. a.).
- papillosa* (Bloch, 1782) Rail., 1885a, 324 (s. *Asc. vesicularis*) (in dindons, faisans, poules, paons, pintades, etc.); 1893a, 407–408 (s. *ves.*, *Asc. ves. pars.*)—Ackert, 1917, AR, v. 11, 537–538 (prevention).—Carruccio, 1886, 293 (s. *Asc. ves.*); 1886b, 281–283; 1887a, 281 (in hen's egg).—Centosculdi, 1911, ZA, v. 37, 394, 398, 399.—Clerc, 1903, v. 11, 248, 256 (in *Meleagris gallopavo*; Oural).—Cobb, 1896a (b), 748, 752–753 (3, 7–8), figs. 5–6, 8 (in common fowl; cosmopolitan).—Cobbett & Graham-Smith, 1911, 283, 307 (in grouse).—Fiebiger, 1912a, 300, fig. 223.—Galli-Val., 1901c, 362 (in *Phasianus versicolor*, P. *colchicus*, Poule).—Gedølst, 1903a, 58, 103, 104, 105, 106 (in *Anas boschas* dom., A. *cinereus* dom., *Gallus gallinaceus*, M. g. dom., *Numida meleagris* dom.).

HETERAKIS—Continued.

papillosa—continued.

- Pavo cristatus*. Ph. col.).—Hass., 1896a, 5 (s. Asc. *papillosa*, ves.) (in *Gallus dom.*); 1896b, 2 (s. v., A. p., v.) (in M. g.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500.—Khitrow, 1900a, 4, 8 (cf. ves.).—Kowal., 1902d (e), 30 (12) (s. ves.) (in N. m.; Dublany); 1904, v. 38, 24 (9) (in *Perdix perdix*; D.).—Lucet, 1888a, 314 (in chicken).—Magal., 1892g, 220 (in *Gallus*).—Mote, 1914, 30.—Mueh., 1898b, 46 (s. ves.) (in G. d.).—Neum., 1892d, 373 (in intest. of cat) [cat has probably eaten this].—Nev.-Lem., 1912a, 674.—Nicoll, 1914, 5 (in chickens; Queensland).—Perronc., [?1902], 377 (*Heterakis*).—Perronc. & Tomiolo, 1901, 66, 68, 69, 72.—Rabieaux, 1900a, 19.—Rail. & Lucet, 1892d, 119–120 (12–13) (in *Anser dom.*, *Cerionis satyra*, *Phasianus veneratus*).—Repp, 1903d, 288 (in chicken).—Shipley, 1908d, 11 (s. ves.) (in grouse, poultry, pheasants; Frimley); 1911, 217–218.—Smith, A. J., 1908a, 266 (in *Chrysolophus pictus*; Phila. Zool. Gard.).—Sons., 1890k, 137 (4) (so. ves.) (not *papillosa* Mol. in *Corvus caianus*).—Steele, 1916, Bull. 51, 1233–1234, 2 figs.—Stoss., 1887f (1888a), 291–292, 297, 299, 300 (15–16, 21, 23, 24) fig. 24 (in *Corvus cajanus*); 1898c, 77 (in galline; Trieste, Istria, Goriziano); 1900b (1901a), 90 (2) (in M. g., N. m.; Trieste).—Vaull., 1901a, 136.—Wehrmann, 1909a, 234, 237 (in A. b., G. d.).—Also reported for *Coturnix communis*.
- paradoxa* Linst., 1906, v. 41 (7), 750, fig. 2 (in intestine of *Didelphys dorsigera*; Ing.).—Rail. & Henry, 1914, 676 (in D. d.).
- parisi* Blanc, 1913, CrSB, 1272–1274 (in nandou; Dijon); 1914, v. 39 (2), 78–82, figs. 1–4.
- paronai* (Stoss., 1902) Rail. & Henry, 1914, ICZ, 677 to (*Strongyluris*) (in *Amphibolurus muricatus*).
- perarmata* Ratzel, 1868b, 150–152 (in *Tarsius spectrum*).—Seur., 1913, 127.—Stoss., 1888, 289.
- perspicillum* (Rud., 1803) Rail., 1893a, 406 (s. inflexa, Asc. *gallopavonis gibbosa*, funiculus, inflexa, Fus. reflexa, strumosa).—Fiebiger, 1912a, 300, fig. 221.—Galli-Val., 1901c, 363 (in poule).—Gedöelst, 1903a, 58, 103, 104 (in *Gallus gallinaceus*, *Meleagris gallopavo dom.*, *Numida meleagris dom.*); 1911a, 132 (in chicken, guinea fowl, turkey).—Hass., 1896a, 5–6 (s. inf., Asc. fun., gallop., gib., inf., *perspicillum*, Fus. ref., st.) (in *Gallus dom.*); 1896b, 2 (s. inf., Asc. f., g. gib., i., p. teres, F. r., s.) (in M. g.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500, 501.—JAMA, 1909, v. 52 (18), 1440 (in eggs).—Kasperek, 1902a, 245–247 (*Taubenepizootie*); 1903a, 233.—Kowal., 1902d, 30 (12) (s. inf.); 1904, v. 38, 25 (10) (in G. d.; Dublany).—Mote, 1914, 30.—Nev.-Lem., 1912a, 673.—Nicoll, 1914, 5 (in chickens; Queensland).—Norgaard, 1915, 191.—Rail. & Lucet, 1892d, 117–119.—Scott, 1913, v. 38, 672–673 (in *Helodrilus parvus*).—Smith, A. J., 1908a, 266 (in G. gallin.; Tex.).—Stoss., 1898c, 76 (s. inf., Asc. inf., *gibbosa*) (in galline & anitre; Trieste, Istria e Goriziano).—Ward, 1897b, 184–185, figs. 7–8 (in chicken; Neb.).—Wolfh., 1912, 77–78.
- poculum* Linst., 1909, v. 50 (4), 449, fig. 2 (in *Francolinus adpersus*; German S. W. Africa).—Seur., 1914, 197 (in F. a.; A.).
- præcincta* (Duj., 1845) Stoss., 1887f (1888a), 289, 290, 295, 299, 300 (13–14, 19, 23, 24), fig. 26 (in *Conger vulg.*); 1898c, 77–78 (in C. v.; Trieste).
- psophiæ* Trav., 1913, 278, 285, pl. 28 figs. 11–12 (in *Psophia viridis*; Brazil); 1917, IJMR, 756.
- pusilla* Linst., 1906, v. 3 (11), 167, pl. 1 fig. 9 (in *Gallus lafayetti*; Mamadu, N. Prov.).—Gedöelst, 1911a, 133 (in chicken).—Lane, 1914, 660.
- putaustralis* Lane, 1914, 656, 658, 659, 660, pl. 75 figs. 4–7 (in domestic fowl; Berhampore, Bengal).
- recurvata* Linst., 1901b, 412–413, fig. 7 (in *Eurystomus afer*; Langenburg, Nyassa See, Africa).—Seur., 1914, 201 (in E. a.).
- retusa* (Rud., 1819a) Schneid., 1866a, 73, 78 (in *Dasypus novæmectus*; Brazil).—Stoss., 1887f (1888a), 288, 298, 299, 300 (12, 22, 23, 24), fig. 22 (in D. n.; B.).—Trav., 1913, 276, 279, 286, pl. 27 fig. 8 (in D. n.).
- rima* Linst., 1906, 252–253, pl. 17 fig. 8 (in *Otis haubara*; Zool. Mus. Königsb.).—Seur., 1914, 202.
- rimula* Linst., 1903k, 110, fig. 5 (in *Centropus sinensis*; Siam).—Shipley, 19031, 153 (in C. s.).
- rotundata* (Mol., 1859) Stoss., 1887f (1888a), 293, 295, 299 (17, 19, 23) (in *Cantharus vulg.*).

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- schebeni* Linst., 1909, Cfb, v. 50 (4), 448–449, fig. 1 (in *Cynictis penicillata*; German S. W. Africa).
- serrata* Schneid., 1866a, 67, 72, pl. 3 fig. 16 (in *Penelope humeralis*; Brazil).—Stoss., 1887f (1888a), 282.—Trav., 1913, 278, 283, pl. 27 fig. 6 (in P. h.).
- similis* Gendre, 1909, lxxxii–lxxxiii (10–11), figs. 1–2 (in *Coracias abyssinicus*, *Eurystomus afer*, *Scops leucotis*; Labé); 1911, 73 (in *Centropus monachus*, E. a., S. l.; Dahomey).
- sonsinoi* Linst., 1894g, 733–735, figs. 1–3 (in intest. *Chamaeleo vulg.*; Gabes and Gefsa, N. Africa); 1894h, 452.—Rail. & Henry, 1914, 676 (in C. v.).
- species* Linst., 1903u (1904a), 268 (4) (in *Caesarea rutila*; China).
- species* Lint., 1905d, 325, 329 (for Asc. sp. Lint., (1899), 1901, 481, figs. 57–61 and *Cucullanus* sp. Lint., (1899), 1901, 441, pl. 17 figs. 207–208).
- species* Lint., 1905d, 330, 392 (in *Leiostomus xanthurus*; Beaufort, N. C.); 330, 414 (in *Lophopsetta maculata*; B.); 330 (in *Paralichthys albiguttus*; B.); 330, 390, figs. 24–25 (in *Sciænops ocellatus*; B.).
- species* Lint., 1907, v. 33, 95–96, figs. 11–14, 15–20 (in *Hæmulon carbonarium*, *Neomænis griseus*; Bermuda).
- species* Par., 1900c, 195 (host not known).
- species* Sons., 1896g (h), 32–33 (1–2) (in *Salamandrina perspicillata*).
- sphærocephala* (Rud., 1809) Schneid., 1866a, 66.—Stoss., 1887f (1888a), 292, 294, 299 (16, 18, 23) (in *Accipenser stellatus*, A. sturio).
- spinicauda* (Olfers, 1819) Rail. & Henry, 1914, IZC, 676 (in *Podicnema teguixin*).
- spumosa* Schneid., 1866a, 77, 1 fig. (in *Mus decmanus*; Berl.).—Hall, 1916a, 45–49, 59, figs. 50–54 (in *Cricetomys gambianus*, *Epimys rattus*, E. norvegicus; cosmopolitan).—Lane, 1914, 662 (in M. d.; Berl.); 1917, IJMR, 1756.—Rail. & Henry, 1914, 676 (in M. d.).—Saunders, 1914, v. 14, 132, 138.—Stoss., 1887f (1888a), 286, 298, 299, 300 (10, 22, 23, 24), fig. 19 (in M. d.; B.); 1890b (c), 45–46 (7–8), pl. 15 fig. 64 (in M. d.); 1891d (e), 110 (2) (in M. d.); 1898c, 77 (in M. d.; Trieste).—Trav. 1913, 279, 282, pl. 27 fig. 4 (in M. d.).
- squali* (Duj., 1845) Stoss., 1887f (1888a), 293, 294, 299 (17, 18, 23) (in *Galeus canis*).
- streptosophaea* (Connal, 1912), Rail. & Henry, 1914, 677, to (*Strongyluris*) (in *Agama colonorum*).
- stroma* Linst., 1899b, 11, pl. 2 fig. 19 (in *Grus paradisea*; Mus. Berl.).
- strongylura* Gendre, 1909, lxxv (for *strongyluris*); 1911, 69 (in *Agama colonorum*; Dahomey).
- strongyluris* Gendre, 1909, ASL, Bordeaux, v. 63, lxxv (in *Agama colonorum*) (s. *Strongyluris brevicaudata*, H. ornata of Gendre, 1909).
- stylosa* Linst., 1907, v. 3 (3), 253, pl. 6 fig. 6 (in *Otis tarda*; Nauen i. Mark).—Rail. & Henry, 1914, 676 (in O. t.).
- styphlocerca* Stoss., 1904b, 2 fig. 11 (in volatile dom.; Gambia, by Shipley).
- subulata* Schneid., 1866a, 69 (no further clue).
- suctoria* Mol., 1860e, 341 (s. *Spiropt. caprimulgi*) (in *Caprimulgus campestris*; Manaos, Brazil).—Dies., 1860, 643.—Drasche, 1883, 119.—Gendre, 1909, 81–82 (in C. C., *Dicholophus marcgrafi*, *Gallus dom.*, *Numida meleagris*); 1911, 73 (in *Francolinus bicalcaratus*; Dahomey).—Seur., 1914, 154; 1914, 196 (pars so. *Allodapa allodapa*), 197 (pars to *Allodapa*).—Stoss., 1888, 292.
- tenuicauda* Linst., 1883a, 293, pl. 7 fig. 26, pl. 8 fig. 27 (in *Perdix græca*; Turkestan); 1886, 17.—Stoss., 1888a, 283.
- tenuicaudata* Rail. & Henry, 1914, 676 (for *tenuicauda* Linst., 1883) (in *Perdix græca*).
- trilabium* Linst., 1904f, 7, pl. 1 fig. 9 (in *Centropus sinensis*; Horana).—Lane, 1914, 664 (in C. s.; Ceylon).
- truncata* (Zed., 1803) Schneid., 1866a, 67, 71, pl. 3 fig. 13 (in *Psittacus macao*; Brazil).—Stoss., 1887f (1888a), 281, 297, 300, 301 (5, 21, 24, 25), figs. 4, 38 (in *Chrysotis festiva*, *Conurus pavua*, C. solstitialis, *Pionus menstruus*, *Psittacus æstivus*, P. aracanga, P. ararauna, P. dominicensis, P. m., P. pulverulentus, P. pertinax, P. phoenicurus, P. purpureus, P. leucoc., P. leucotis, P. sulfureus, P. vinaceus; B.).
- turgida* Schneid., 1866a, 69, 77 (in *Ameiva teguixin*; Brazil).—Stoss., 1887f (1888a), 286–287, 300 (10–11, 24), fig. 20 (in A. t.; B.).—Trav., 1913, 279, 288, pl. 28 fig. 14 (in *Tejus teguixin*).—Also reported for *T. monitor*.

HETERAKIS—Continued.

- uncinata* (Rud., 1819) Schneid., 1866a, 73 (in *Cavia aperea*, C. pacca; Brazil).—Hall, 1916a, 49, 50, 53 (of Travassos, 1914, to Paraspidodera).—Par., 1900c, 195 (in C. a.; Buenos Aires).—Stoss., 1887f (1888a), 286, 298, 300 (10, 22, 24) (in C. a.; B.).—Trav., 1913, 276, 279, 286, 287 (in *Agouti paca*, C. a.); 1914, v. 6 (2), 139 (type of Paraspidodera).—Also reported for *Coccyzus paca*.
- valdemucronata* (Mol., 1860) Stoss., 1887f (1888a), 293, 295, 300 (17, 19, 24) (in *Ciconia maguari*).—Trav., 1913, 276, 279, 287 (in *Euxenura maguari*).
- valvata* Schneid., 1866a, 76, 1 fig. (in *Crypturus cupreus*; Brazil).—Lane, 1917, IJMR, 758.—N., C., & T., 1914, 181.—Rail. & Henry, 1914, 676 (in C. c.).—Stoss., 1887f (1888a), 285, 296, 300 (9, 20, 24), fig. 15 (in C. c.; B.).—Trav., 1913, 279, 282, 283, pl. 27 fig. 5 (in C. c., C. noctivagus).
- verrucosa* Mol., 1860e, 340–341 (in *Dasyprocta aguti*; Caiçara).—Hall, 1916a, 105–106, fig. 133 (in *Dasyprocta aguti*; Brazil).—Linst., 1878a, 26 (in D. a.).
- vesicularis* (Fröel., 1791), Duj., 1845a, 223–225 (s. Asc. papillosa, teres (minor), vesicularis pars) (in *Anas tadorna*, *Meleagris gallopavo*, *Numida meleagris*, *Otis tarda*, *O. tetrax*, *Phasianus gallus*, *P. colchicus*, *P. nycthemerus*, *P. pictus*, *Perdix cinerea*, *P. coturnix*, *P. græca* ou *saxatilis*, *Pavo cristatus*, *Tetrao bonasia*, *T. urogallus*; Europe).—Bail., 1866b, 36 (in dindon, faisan, paon, poules, poulets).—Baylis, 1916, 418 (s. Asc. unduloso-striata) (in *Sarcophagus* papa).—Ben., 1866a, 211.—Carus, 1863, v. 2, 461 (in *Auerhahn*, *Truthahn*, *Haushahn*).—Dies, 1851a, 148; 1860, 643; 1861c, 274.—Eberth, 1860d, 41–60; 1863a, 63, 65, 67, 68.—Fiebiger, 1912a, 300.—Garin, 1913, 13, 18, 51–61, 148, figs. 11–16.—Geddelst, 1911a, 133 (in domestic chicken, duck, fowl, goose, guinea, peacock, pheasant, turkey, etc.).—Hall, 1916a, 45, 48.—Hass., 1896a, 5, 6 (s. papillosa); 1896b, 2 (s. p.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500, 501.—Johnst., 1912, v. 12, 107 (in *Chenopsis atrata*; Berl. Zoo.).—Khitrow, 1900a, 4 (cf. p.).—Kowal., 1894a (b), 225; 1902d (e), 30 (12) (s. p.).—Land., 1882, 23.—Lane, 1914, 656–657, 660; 1917, IJMR, 754, 755, pl. 43 figs. 1–4, pl. 44 figs. 5–14, pl. 45 figs. 15–16.—Letulle & Marotel, 1909, v. 12 (3), 361–368, figs. 1–2; 1910, v. 46 (16), 499.—Leuck., 1867b, 24, 130.—Linst., 1883a, 292 (in *A. boschas dom.*, *Gallus dom.*); 1886c, 16–17 (in *A. b. d.*, *G. d.*); 1897c, 618, pl. 28 fig. 28 (in *Fasan* and *Huhn*); 1900g, 6, 7; 1906, v. 1 (3), 252; 1909 (15), 56, fig. 17 (in *A. b.*, *Anser anser*, *Tadorna tadorna*).—Magal., 1892g, 220, 221 (in *Gallus*).—Mol., 1859e, 150, 298 (in *Perdix cot.*; Padua); 1859h, 24 (in *M. g.*, *Phas. col.*; P.); 1861c, 290–291, 292, pl. 10 fig. 1 (s. Asc. p., *gallinarum*, *tetraonis*, teres (minor *phasiani-galli et-picti*), *urogalli*, *vesicularis* (*phasiani-colchici*), *Fus. tetraonis*, *papillosa*) (in *Anas tadorna*, *M. g.*, *N. m.*, *O. t.*, *O. tet.*, *Pavo cristatus*, *Perdix cin.*, *P. cot.*, *P. sax.*, *Phas. col.*, *P. gallus*, *P. nyct.*, *P. pic.*, *Tetrao bonasia*, *T. lagopus*, *T. ur.*).—Nev.-Lem., 1912a, 674.—Par., 1887b, 346–347 (74–75).—Pratt, 1916a, 225.—Rail., 1893a, 407 (so. *papillosa*); 1915, 499.—Schneidem., 1896a, 323 (*vesikularis*) (in *Huhn*, *Ente*).—Schneid., 1866a, 69, 70, 76, 197, 227, pl. 4 fig. 2.—Shipley, 1908d, 11 (so. p.).—Skrj., 1916, 488–491 (in *G. gallus dom.*; *Aoulié-ata*, *Syr-Daria*).—Sons., 1890k, 136–137 (3–4) (s. p.) (in *G. d.*; Pisa).—Stewart, 1914, 172.—Stiles & Hass., 1894e, 342 (in *Cupidonia cupido*, *G. d.*, *M. g.*, *Ortyx virginianus*).—Stoss., 1885b, 346–347 (74–75) (s. Asc. *tetraonis*, p. teres, *gallinarum*, *urogalli*, *Fus. tetraonis*, *papillosa*) (in *Anas tad.*, *Chen. at.*, *M. g.*, *N. m.*, *O. t.*, *O. tet.*, *Phas. gal.*, *P. col.*, *P. pic.*, *P. nyc.*, *Pavo cr.*, *Per. cin.*, *P. cot.*, *P. sax.*, *Tetrao lagopus*, *T. bonasia*, *T. ur.*; *Ancona Bologna*); 1887d (e), 187 (4), pl. 12 figs. 50–51 (in *Gallus*; Trieste); 1887f (1888a), 284–285, 295, 296, 300 (8–9, 19, 20, 24), fig. 14 (s. p.) (in *A. b. d.*, *A. tad.*, *Ch. at.*, *Coturnix dactylisonans*, *G. d.*, *Lagopus mutus*, *Mel. gal.*, *N. m.*, *O. t.*, *O. tet.*, *Ortyx virginianus*, *Phas. col.*, *P. pic.*, *P. nyc.*, *Pavo cris.*, *Per. cin.*, *P. sax.*, *Tet. u.*, *T. bon.*, *T. lag.*; Europe, Fla., Turkestan); 1891a, 217 (2) (in *M. g.*, *N. m.*); 1898c, 77.—Trav., 1913, 274, 275–276, 278, 279–280, pl. 27 fig. 1 (in *A. b. dom.*, *A. tadorna*, *Chenopsis atrata*, *Coturnix dacty.*, *Gallus dom.*, *L. mutus*, *Mel. gal.*, *Numida meleagris*, *Otis tarda*, *O. tet.*, *Ortyx virg.*, *Pavo cristatus*, *Perdix cin.*, *P. sax.*, *Phasianus col.*, *P. ny.*, *P. pi.*, *Tetrao urogallus*, *T. bon.*).—Verrill, 1870c, 180 (in hen and turkey).—Wedl., 1856a, 36 (to Asc.).—Will.-Suhm, 1870a, 15.—Wolfh., 1900a, 10, 46, 47, 48, 49, 53, 58, 59 (in *A. b. d.*, *G. d.*, *Grossiptodon manschuricum*, *Pavo c.*, *Perd. sax.*, *Ph. col.*, *P. pi.*, *Polyplectron bicalcaratum*, *St. cin.*, *Tet. u.*; Europe); 1911, 78.—Also reported for *Colinus virginianus*.
- vesikularis* Schneidem., 1896a, 323 (for *vesicularis*) (in *Ente*, *Huhn*).

HETERAPIS Linst., 1889g, 563 (misprint for Heterakis).

HETERIKIS Linst., 1907, v. 33, 93 (for Heterakis).

HETEROBOLBUS Rail., 1896d (e), 161 (5) (Heterodera Schmidt, 1871, renamed because of Heteroderes Latr., 1834, hence type *schachtii*).—Stiles & Hass., 1905b, 111.

radicicola (Greef, 1872) Julien, 1898a, 86 to Heterodera (Heterobolbus).

HETEROCEPHALUS Mar., 1870a, 18–19 (mt. *laticollis*) [not Heterocephalus Rüppel, 1842, mammal].—Stiles & Hass., 1905b, 111.—Villot, 1875a, 456, 461 (so. Phanoderma).

laticollis Mar., 1870a, 18–19, pl. D (Pharo, Mallamoussque).—Villot, 1875a, 462, 465.

HETEROCHEILIDÆ Rail. & Henry, 1915, BSPE, 271 (s. Heterocheilinae) (contains also Goezia, Kathleena, Rhaphidasc., Terranova).—Rail., 1916, RMv, 521.

HETEROCHEILINÆ Rail. & Henry, 1912, BSPE, 256 (subf. of Ascaridæ; contains: Heterocheilus, Typhlophoros, Porrocæcum, Contracæcum, Crossophorus, Lecanoc.); 1915, 270.

HETEROCHEILUS Dies., 1839a, 229–232 (mt. *tunicatus*=Lobocephalus heterolobus 1838 renamed) [not Heterocheila Rond., 1857, dipt.; not Heterocheila for Heterochella Lioy, 1864, dipt.; not Heterochelus Burm., 1844, coleopt.; not Heterochilus for Heterocheila; not Heterochilus; 1840, 229–230.—Carus, 1863, v. 2, 461.—Crep., 1841a, 82.—Duj., 1845a, 288–289.—Mol., 1857a, 151; 1861c, 296.—Nordm., 1840a, 550, 648.—Olss., 1869b, 487.—Stiles & Hass., 1899a, 107 (possibly so. Asc.); 1905b, 111.

tunicatus Dies., 1839a, 230–232, pl. 15, figs. 1–8, pl. 19 (Lobocephalus heterolobus renamed) (in Manatus exunguis; Borba); 1840, 230–232, pl. 15 figs. 1–8, pl. 19; 1851a, 209 (in M. e.; Brazil).—Carus, 1863, v. 2, 461 (in M.).—Cobbold, 1879b, 429.—Crep., 1841a, 82 (in M. e.).—Duj., 1845a, 289.—Nordm., 1840a, 648 (in M. e.: S. A.).—Stiles & Hass., 1899a, 107 (in M. inunguis).

HETEROCHILUS Crep., 1841a, 82 (for Heterocheilus) [not Heterochilus Kuwert, 1891, insect].

tunicatus (Dies., 1839) Crep., 1841a, 82 (in Manatus exunguis).

HETERODERA Schmidt, 1871a, 1 (mt. *schachtii*) [not Heteroderes Latr., 1834, coleopt.] (renamed Heterobolbus).—A., D., & E., 1901b, 8.—Bos, 1891, 9, 10.—Braun, 1895b, 212; 1903a, 253.—Hempel., 1912a, 101, 110.—Kirk, 1908 (16), in 97–162.—Larbalétrier, 1898a, 310–312, figs. 1–6.—Magnus, 1888, 170.—Melcher, 1915, Ohio N., v. 15, 551–555, 4 figs.—Müell., 1884a, 1–42, pls. 1–4.—Nev.-Lem., 1913a, 283.—Pierre, 1897a, 97–107, pls. 2–3, figs. 1–4.—Pratt, 1916a, 217.—Rail., 1896d (e), 161 (renamed Heterobolbus).—Schneidem., 1896a, 304.—Shiple, 1896a, 155; 1901b, 155, 160, 164.—Southern, 1909, v. 4, 91.—Stiles & Hass., 1905b, 112.—Stoedter, 1901a, 55.—Stone & Smith, 1898, Bull. 55, in 1–67, pls. 1–12.—Tarnani, 1896, 445–448 (Russia).—Tischler, 1902a, 95–107 (on Circaea lutetina); 1902b, 514–515.

göttingiana Liebscher [nv.]—Nev.-Lem., 1913a, 284, 311–312 (on plants; Goett.).

javanica Treub., 1885, Meded. uit 's lands plantentuin, 13.—Bos, 1889, 265, 291.

radicicola (Greef, 1872) Müell., 1884a, 321–323 (2, 5, 7–42), pls. 1–4 (on roots of various plants, namely: Angelica archangelica (Englewurzarten), A. silvestris (E. w.), Cichorium intybus (Cichorienpflanze), Cissus aconitifolius, Clematis species, C. vitalba (Waldrebe), Coffea arabica (Kaffeebaum), Daucus carota (Möhre), Dodartia orientalis, Elymus arenarius (Straddhafer), Erythrina cristagalli, Euphorbia cyparissias (Wolfsmilch), Hamiltonia spectabilis, Heliconia pulverulenta, Ixora crocea, I. aurea, I. flammea, Lactuca sativa (Kopfsalat), Leontodon taraxacum (Löwenzahn), Medicago sativa (Luzerne), Musa cavendishii, M. dacca, M. rosacea, Onobrychis sativa (Espanette), Pirus communis (Birnbäum), Plantago lanceolata (Wegebreit), Poa annua (Rispengras), Sempervivum glaucum (Hauslaucharten), S. tectorum, Sedum species, Sonchus macrophyllus, Soya hispida (Soyabohne), Strelitzia nicolai, Theophrasta crassipes (?), Triticum repens (Queckenras), Vitio labrusca (amerikan. Wein).—Bd. Agric. & Fish., Lond., 1911, 9 ed., 1–3, figs. A–B.—Bessey, 1911, 1–89, figs. 1–3, pls. 1–3.—Bessey & Byars, 1915, 1–19, figs. 1–20.—Bos, 1888, 49; 1888, 165; 1889, 291; 1891, 6, 16, 43; 1892a, 560, 587; 1907, 2, 5.—Haan, 1904, v. 15, 367–386 (Java).—Chiffot, 1900a, 128–134, pl. 1.—Childs, 1913, v. 2 (12), 737–756, figs. 390–397.—Dewitz, 1892b, 141, fig. 111.—Dyke, 1896, J. Hort., v. 33, 423–424, figs. 1–8; 1897, v. 16,

HETERODERA—Continued.

radicicola—continued.

3. s., v. 7 (33), 52–56.—von Faber, 1909, CfB, 193–219, figs. 13–40 (in coffee plant).—Frank, 1884, 6–8.—Gandara, 1906, 1–7, figs. 1–2, pls. 1–4, figs. 3–6.—Gilbert, 1914a, 8, figs. 10–11.—del Guercio, 1915, 236–245, figs. 1–3.—Hawkins, 1911, v. 34, 127.—Houard, 1907, 447–453, figs. 1–7.—Howard, 1908, v. 6 (24), 611–612.—Jack, 1913, v. 10 (5), 676–679, 1 pl.—Julien, 1897e, 540, 543, 546; 1898, 86 (to *Heterobolbus*).—Korff, 1910, v. 8 (6), 61–67, figs. 1–3.—Laidlow, 1914, JDA Victoria, 370–377, figs. 1–3.—Lounsbury, 1904n, 406–412, figs. 1–4.—Melchers, 1914, v. 40, 241; 1915, v. 15 (8), 551–555, figs. 1–4.—Mosseri, 1903a, 5–35, pls. 1–3, figs. 1–4 (Egypt).—Mirande, 1909, v. 67 (32), 519–521.—Nemec, 1912, CfB, v. 32 (6–12), 311–312.—Nev.-Lem., 1913a, 284, 305–311, figs. 257–260.—Newcomer, 1912, v. 1, 81–85.—Peglion, 1902a, 201–204 (on *Cyclemen europaeum*, *C. persicum*; Rome).—Pratt, 1916a, 217.—Scofield, 1912, 3–15, figs. 1–21.—Stœdter, 1901a, 43.—Tischler, 1902 (1), 95–107, 1 fig., pl. 25 figs. 1–14 (on *Circæa lutetiana*).—Tryon, 1909, v. 22 (2), 100–102 (*radicola*).—Voigt, 1890b, 66–74; 1890c, 93–98; 1891b, 21–22; 1891c, 207–208.—Vuillemin & Segrain, 1894a, 549–551 (Sahara).—Wager, 1913, v. 10 (3), 51–53, figs. 1–4, pl. 3.—Ward, 1895a, 321–323 (s. *Anguillula arenaria* pars).

radicola (Müell., 1884a) Peglion, 1902a, 201 (error in Concilium card, for *radicola*).—Tryon, 1909a, 100–102.

schachtii Pratt, 1916a, 217 (for *schachtii*).

schachtii Schmidt, 1871a, 1–19, pl. 1 figs. 1–25 (in sugar beets; Germany).—Berliner & Busch, 1914, v. 34 (6), 349–356, pl. 1 figs. 1–6.—Bos, 1889, 274, 293; 1907, 1, 5; 1908, 70, 71.—Chatin, 1878e, 130–132 (in betterave, etc.); 1887f, 390–391; 1887g, 959–960; 1888f, 139–141 (structure of integument and modifications in fertilized females); 1888g, 738 (integument); 1890a, 17–18; 1891a, 457–506, pls. 1–9 figs. 1–37; 1891b, 1–52, pls. 1–9 figs. 1–37; 1891c, 1516–1518; 1891d, 598–599; 1891e, 1066–1067; 1891f, 51–52; 1892a, 135.—Ebert, 1894a, 18–21.—Dewitz, 1892d, 140, 141, fig. 110.—Fiebiger, 1912a, 225.—Fuchs, 1911, v. 14 (7), 923–952; 1912, CfB, 312–313.—Fulmek, 1912, v. 32 (6–12), 314.—Garman, 1915, v. 8 (4), 403–404.—Hansen, 1904, v. 11, 289–299; 300–302.—Hempelm., 1912a, 108, 110.—Huber, 1909, 6 (in various plants).—Kuhn, 1891, v. 11 (11), 343–351.—Liebscher, 1878a, 687–690; 1879a, 1–41.—Lindner, 1890a, 26.—Lonay, 1900, v. 37, 967–968 (eradication); 1900, v. 14 (7), 317–319.—Menz., 1914, 86.—Müell., 1884a, 38–40 (on various plants, namely: *Beta vulg.* (Runkelrube), *Brassica oleracea acephala* (Kuhkohl), *B. o. botrytis* (Blumenkohl), *B. o. capitata* (Strunk Kraut, Kopfkohl), *B. o. gongyloides* (Kohlrabi), *B. o. gemmifera* (Rosenkohl), *B. o. sabauda* (Wirsing), *B. napus oleifera* (Winterraps, Sommerraps), *B. n. rapifera* (Kohlräbe), *B. rapa oleifera* (Rüebesen), *Helianthus annuus* (Sonnenblume), *Lepidium sativum* (? Gartenkresse), *Raphanus sativus* (Rettig), *Sinapis alba* (Weisser Senf), *Sinapis arvensis* (Ackersenf), *Spinacea oleracea* (Spinat).—Müell. & Molz, 1914, v. 707, 959–1050, figs. 1–3.—Nemec, 1911, v. 40 (3), 422–424, pl. 2, figs. 1–3.—Nev.-Lem., 1913a, 284, 297–305, figs. 251–256.—Pratt, 1916a, 217 (*schachtii*).—Rostrup, 1896, v. 2, 52; 1900, v. 6, 50; 1902, v. 9, 128; 1903, v. 10, 371.—Schwartz, 1911, 35.—Shaw, 1915, v. 17, 31–35, pls. 1–6; 56–60; fig. 1, 58–61; 58–63, figs. 2–3, pls. 8–10; 58–61, 62, pl. 7; 55–58, 51–53, 54–55; 1916, 1–19, figs. 1–6.—Shipley, 1896a (1901b), 155, 160, 164, figs. 77–78 (in plants).—Southern, 1909a, 91 (in beet).—Spiegler, 1893a, 1–27, figs. 1–7 (eradication); 1895, 1–52.—Stift, 1895, v. 1 (11), 398–406; 1909, CfB, v. 23, 173–192; 1915, CfB, v. 44, in 129–142.—Strubell, 1887a, 42–46, 62–66; 1887b, 603–604; 1887c, 401–402; 1888a, 1–50, figs. 1–57; 1888b, 1–46; 1888c, 737–738; 1889a, 423–429.—Uzel, 1909, v. 13, 32–42.—Voigt, 1892b, 813–815; 1894a, 94–97; 1895a, 633.—Willot, 1888a, 507–509; 1888b, 953; 1896a, 1019–1020; 1901a, 703.

HETEROPLUS Kostylew, 1914, ZA, v. 44 (4), 186–188 (tod. otidis=Echinor. tæniatus) (*Gigantorhynchidae*) [not *Heteroplus* Muls. Rey., 1871, coleopt.]; 1916, 393–394, fig. 8.

mirabilis (Marval, 1904) Kostylew, 1914, 188.

otidis (Marval, 1905) Kostylew, 1914, 188; 1916, 394 (in *Oedicnemus crepitans*, *Otis macqueenii*; Oural).

HETEROURA Sieb., 1836a, 116 (*Heduris* Nitzsch renamed, hence type androphora).—Stiles & Hass., 1905b, 150.

androphora (Nitzsch, 1821) Sieb., 1836a, 116.—Ben., 1858a (1861a), 201.—Cobbold, 1879b, 444.

- HETEROXYNEMA Hall, 1916a, 52 (Subulurinae), 56, 57 (tod. cucullatum); 1916b, 518.
cucullatum Hall, 1916a, 56, 57-60, figs. 64-69 (in *Eutamias amoenus operarius*; Colo.).
- HETH Cobb, 1898a, 299 (4) (mt. juli).—Rail. & Henry, 1916, CrSB, 115.—Stiles & Hass., 1905b, 112.
juli Cobb, 1898a (b), 299 (4), figs. 10, i-iv (Ing.).—Rail. & Henry, 1916, 115.
- HISTIOCEPHALUS Mol., 1860, 913 (misprint for *Histioc.*).—Stiles & Hass., 1905b, 112.
- HISTIOCEPHALUS Dies., 1851a, 230-232 (tsd. *laticaudatus*) [not *Histioccephalus* De Zigno, 1891, fish].—Carus, 1863, 462.—Goldb., 1855a, 111.—Linst., 1902a, 220 (s. *Proleptus*).—Mol., 1857a 151; 1860c, 507-516.—Olss., 1869b, 487.—Par., 1894a, 522.—Poche, 1912, AN, 15, 22.—Scudd., 1884a, 164.—Skrj., 1916, 509 (type *laticaudatus*).—Stiles, 1907b, 37 (type ? *laticaudatus*).—Stiles & Hass., 1905b, 112.
- bicuspis* (Rud., 1819) Linst., 1878a, 135 (s. *gracilis* Dies.) (in *Vanellus melanogaster*).
brevicaudatus (Duj., 1845) Dies., 1851a, 231-232 (s. *Str. ardeæ-stellaris* C. E. V.) (in *Ardea stellaris*; M. C. V.).—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
coronatus (Mol., 1860) Skrj., 1916, 511, 512 (in *Rallus cayennensis*, *Alcedo americana*).
dacnodes (Crep., 1851) Mol., 1860c, 512-513 (in *Mustelus vulg.*, *Raja clavata*; Ostend.).—Linst., 1890d, 181 (to *Spiropterna*).—Oerley, 1885a, 109 (to *Spir.*).—Skrj., 1916, 511.
decorus (Duj., 1845) Dies., 1851a, 232 (in *Alcedo ispida*; Rennes).—Skrj., 1916, 511 (in A. i.).—Stiles & Hass., 1905b, 112.
denudatus (Duj., 1845) Dies., 1851a, 232 (in *Leuciscus erythrophthalmus*; Rennes).—Linst., 1902a, 222 (to *Ancyracanthus*).—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
gracilis Dies., 1851a, 231 (s. *Disph. bicuspis*, *Spiropt. bicuspis*) (in *Vanellus melanogaster*; M. C. V.).—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
laciniatus Mol., 1860c, 513 (s. *Spiropt. ralli* M. C. V.) (in *Rallus cayennensis*; Paranagua, Brazil).—Skrj., 1916, 511 (in R. c.).
laticaudatus (Rud., 1819) Dies., 1851a, 230 (in *Otis tetrax*; M. C. V.).—Mol., 1860c, 511 (in O. t.; M. C. V.).—Skrj., 1916, 462, 509-513, figs. 25-27 (in *Gallus gallus dom.*; Aoulié-Ata, Syr-Daria).—Stiles & Hass., 1905b, 112.
minutus (Rud., 1819) Dies., 1851a, 230 (in *Platessa flesus*; M. C. V.).—Krøyer, 1838-40a, 611 (in P. f.).—Mol., 1860c, 511-512.—Skrj., 1916, 611 (in P. f.).
spiralis Dies., 1851a, 231 (s. *Spiropt. obvelata* Crep.) (in *Alca torda*, *Larus maximus*, *L. argentatoides*, *L. argentatus*, *L. medius*, *L. canus*, *L. fuscus*, *L. marinus*, *L. ridibundus*, *Mergus serrator*, *Sterna risoria*, *Totanus maculatus*, *T. hypoleucus*); 1861a, 673 (so. *Cosmoc. alatus*; Europe).—Olss., 1876a, 147.—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
stellæ-pollaris Par., 1901g, 1-2 (in *Fulmarus glacialis*; by Par.); 1901h, 828.
subulatus Mol., 1860c, 513-514 (s. *Spiropt. turgida didelphidis-cayopolin*; M. C. V.) (in *Didelphys myosurus*; Ypanema).—Cobbold, 1879b, 434.—Skrj., 1916, 511 (in D. m.).—Also reported for *D. nudicaudatus*.
- HISTIOSTRONGYLUS Mol., 1861a (b), 436, 530-534 (12, 106-108) (mt. *coronatus*).—Rail. & Henry, 1909a, 86; 1912, 566.—Stiles & Hass., 1905b, 112.—Trav., 1914, 5.
coronatus Mol., 1861a (b), 533-534 (109-110), pl. 6 figs. 1-2 (s. *Str. phyllostomatis*) (in *Phyllost. discolor*; Cuyaba, Caiçara).—Stoss., 1899d, 114 (60) (to *Sclerost.*).
- HÆMONCHUS Trav., 1914, MIOC, v. 28 (19), 183 (misprint for *Hæmonchus*).
similis Trav., 1914, 183 (3-4) (in *Bos taurus*; Brazil).
- HÆRUCA Nordm., 1840, 641 (for *Hæruca* Gmel.).—Stiles & Hass., 1905b, 112.
- Holomyaires French for *Holomyarii*.
- HOLOMYARIA Rhode, 1893d, 42-43 (for *Holomyarii*).
- HOLOMYARII Schneid., 1866a, 23, 24, 30 (contains: *Anguillula*, *Ichthyonema*, *Gord.*, *Mermis*, *Pseudalius*, *Sphæularia*, *Trichina*, *Trichosoma*, *Trichoc.*), 51, 199, 326, 331, 332.—Büetsch., 1873a, 402-408, pl. 22.—R. Bl., 1888a, 777.—Rhode, 1892c, 665-667; 1893d, 42-43.—Rollest., 1888a, 677, 686.—Schlegel, 1899, 139.—Shipley, 1896a (1901b), 137.

Hookworms. (See also *Ancylostoma*, *Necator*, *Uncinaria*).

Anatomy: (U. S. A.) Litterer, 1910, JTMA, v. 3 (2), 44-46; 1910, JAMA, v. 55 (16), 1378-1379 (non-oviparous female).

Cultures: (DEUTSCHLAND) Fülleborn, 1911, 368; 1911, CfB, 573.

Life-history: (GR. BRIT.) Nicoll, 1912, BMJ, v. 1, 499-500.

(DEUTSCHLAND) Fränkel, 1885a, 444.

Proportion of sexes: (DEUTSCHLAND) Leichtenstern, 1885, 501; 1886, 216-217.

Specific differentiation: (U. S. A.) Stitt, 1912, JAMA, v. 59 (19), 1706-1707, figs. 1a-4a.

Statistics: (U. S. A.) Gage & Bass, 1910, 304.

HOPLOCEPHALUS Linst., 1898a, 469-470 (mt. *cinctus*) (renamed *Echinonema* Linst., 1898) [not *Hoplocephalus* and *Oplocephalus* Cuv., 1829, reptile; *Hoplocephali*, see *Cephaloplia* Macq., 1845, dipt.; *Heplacephala* Walk., 1857, dipt.; *Oplocephala* Lap., 1831, coleopt.; *Hoplocephala* (v. *Heplacephala*, *Oplocephala*)].—Cast. & Chalm., 1913a, 217.—Stiles & Hass., 1905b, 112.

cinctus Linst., 1898a, 469-470, pl. 35, figs. 3-11 (in intest. *Perameles obesula*; Australia).—Gemmill & Linst., 1902a, 113.—Par., 1900c, 195.

HOPLOLAIMUS Daday, 1905, Z, v. 18, 62 (mt. *tylenchiformis*).—Menz., 1917, RsZ, 153-162 (s. *Iota*, *Criconema*, *Ogma*).

aquaticus (Micol., 1913) Menz., 1917, 158, 160.

guernei (Certes, 1889) Menz., 1917, 157, 158, 161.

heideri (Stefanski, 1916) Menz., 1917, 158, 161.

morgensis (Hofmæn., 1914) Menz., 1917, 157, 158, 160.

murrayi (Southern, 1914) Menz., 1917, 157, 158, 161.

octangularis (Cobb, 1914) Menz., 1917, 157, 158, 161.

paradoxus Daday, 1905, Z, 363, pl. 3 figs. 16-19 (for *tylenchiformis*, lapsus? or correction?).

rusticus (Micol., 1915) Menz., 1917, 157, 158, 160.

squamosus (Cobb, 1913) Menz., 1917, 157, 158, 161.

tylenchiformis Daday, 1905, Z, 62-63, pl. 3 figs. 16-19 (in fresh water; Paraguay).—Menz., 1917, 156, 157, 158, 160.

HORICEPS Fleming, 1822, Phil. of Zool., v. 2, 607 (for *Floriceps*).

Husk, V. J., 1916 (487), v. 72, 35-36 (same as Hoose) (in calves).

HYDROMERMIS Corti, 1902a, 105-113 (mt. *rivicola*); 1906, v. 19 (20), 627, 628, 629, 630.—Daday, 1911, Mte, v. 29, 503; 1913, 244, 269.—Linst., 1903o, 530; 1905z, 393.—Stiles & Hass., 1905b, 113.

acuminata Daday, 1911, v. 29, 503-504, pl. 3 fig. 17, pl. 1 fig. 2; 1911, v. 19, 524-525, pl. 17 figs. 15a-c (Vierwaldstätter-See); 1913, 219, 224, 233, 269-270, pl. 3 fig. 17, pl. 4 figs. 1-2.

annulosa Daday, 1911, v. 29, 504, pl. 4 figs. 3-5; 1911, v. 19, 525-526, pl. 17 figs. 16a-c (Neuenburger-See); 1913, 219, 221-222, 223, 224, 270-271, pl. 4 figs. 3-5.

bathycola Daday, 1911, v. 29, 505, pl. 4 figs. 6-9; 1911, v. 19, 526-527, pl. 17 figs. 17a-d (Vierwaldstätter-See); 1913, 218, 224, 271-272, pl. 4 figs. 6-9.

contorta (Linst., 1889) Linst., 1905z, 393-395 (to *Paramermis*).—Daday, 1911, v. 29, 505-506 (of Kohn); 1913, 239, 242, 272-273 (of Kohn).—(See *implicata*).

conura Daday, 1911, v. 29, 506-507, pl. 4 figs. 10-13; 1911, v. 19, 527-528, pl. 17 figs. 18a-d (Neuenburger-See); 1913, 217, 223, 224, 273-274, pl. 4 figs. 10-13.

implicata Corti, 1906, v. 29, 627-631 (new name for *Paramermis contorta* Linst., of Kohn).—Seur., 1916, 364.

rivicola Corti, 1902a, 105-113 (in *Chironomus venustus*; near Pavia); 1906, v. 19 (20), 629.—Daday, 1911, v. 29, 507-508; 1913, 216, 239, 242, 274-275 (in C. v.; P.).—Seur., 1916, 363 (in C. v.; P.).

HYDROMERMITHINÆ Corti, 1906, v. 19 (20), 631 (contains *Hydromermis*, *Pseudomermis*).

HYPODONTOLAIMUS Man, 1886a, 66 (tsd. *inæqualis*); 1888, 39-44 (type *inæqualis*).—Stiles & Hass., 1905b, 113.

inæqualis (Bast., 1865) Man, 1888a, 39, 41-44, fig. 18; 1907, 67, 70, 87 (Zealand); 1907, 238.—Ditlevsen, 1912, 223-224.—Jägersk., 1904b (c), 417-421, figs. 1-3; 1904d, 447-448.—Schneid., 1906d, 626.

- HYPOPHALLI** Mol., 1858d, 144 (sec. of Gamonematoidea, containing Asc., Acanthocheilus, Cosmoc., Cucullanus, Disph., Echinoc., Fil., Het., Hedruris, Oxyuris, Spiropt., Stelmus, Trichosomum); 1861c, 275, 306 (sectio).—Carus, 1863, v. 2, 459 (group, contains: Anguillulidæ, Ascaridea, Cheiracanthidea, Cephalota, Dacnidina, Filaridea, Hedruridea, Physalopteridea, Spiruridea, Urolabea).—Looss, 1901a (1902), 36.—Oerley, 1885a, 103.—Schneid., 1866a, 26.
- HYPOSTOMUM** Stewart, 1898a, 543 (this appears to be a lapsus rather than a new genus).
columbiana (Curtice, 1890) Stewart, 1898a, 543-544 (in sheep).
- HYSTERACRUM** Rail. & Henry, 1913, BSPE, 507 (subg. of Oesophagost.) (contains *venulosum*, *asperum*).
- HYSTEROETHYLACIUM** Ward & Magath, 1917 (for 1916), JP, 63 (mt. *brachyurum*) (*Heterocheilidæ*).
brachyurum Ward & Magath, 1917 (for 1916), JP, 63, fig. 8 (in black bass; Lake St. Clair, Mich.).
- HYSTRICHIS** Duj., 1845a, 290-291 (mt. *tricolor*).—A., D., & E., 1901b, 7.—Carus, 1863, v. 2, 464.—Gedælst, 1911a, 114.—Leuck., 1867b, 6.—Linst., 1899c, in 155-164, pls. 13-14 figs. 1-16; 1909a, 77.—Mol., 1858, 299-300; 1861a, 437, 602-606 (13, 178-182); 1861c, 305-306.—Neum., 1892d, 345, 374.—Nev.-Lem., 1912a, 651.—Rail. & Henry, 1909a, 85; 1912, 562.—St. Joseph, 1900a, 228-229.—Shipley, 1896a (1901b), 147, 149, 163.—Stiles & Hass., 1905b, 113.—Stoss., 1899, 55, 59.
- acanthocephalicus* Mol., 1861a (b), 608-609 (184-185), pl. 9 (s. *Str. tubifex tantali*) (in *Ibis tubifex*; Brazil).—Jägers., 1909, v. 2 (3), 3, 33-34, 46 (type), pl. 1 figs. 15-17, pl. 4 figs. 47-50, pl. 5 figs. 56, 69 (in *Phimosus infuscatus*; B.).—Linst., 1899a, 157.—Stoss., 1899d, 62 (8) (in *I. nudifrons*; B.).
- coronatus* Mol., 1861a (b), 611 (187) (in *Mergus merganser*; Padua); [1860a, 707-709, figs. 1-4 (in M. m.)].—Jägers., 1909, v. 2 (3), 41-42, 47, fig. 11 (s. *mergi-merganseris*, sp.) (in M. m.).—Linst., 1899a, 156; 1909 (15), 78 (in M. m.).—Par., 1894a, 235.—Stoss., 1899d, 62 (8) (in M. m.; P.).
- cygni* (Mol., 1858) Dies., 1861a, 682 (in *Cygnus olor*; Padua); 1861c, 279.—Hut. & Mar., 1913b, 2, 480.—Jägers., 1909, v. 2 (3), 42 (s. *pachic.*).—Nev.-Lem., 1912a, 780.—Rail., 1893a, 424 (s. *pachyc.*, *Echinocephalus cygni*).—Stoss., 1899d, 61 (7) (s. *pachyc.*, E. c.) (in C. o.; P.).
- elegans* (Olfers, 1816) Rail., 1893a, 423 (s. *tubifex*, *Eustr. tubifex*, *Str. anatis*, *elegans*, *mergorum*).—Fiebiger, 1912a, 259.—Gedælst, 1903a, 52, 106 (in *Anas boschas dom.*).—Jägers., 1909, v. 2 (3), 2 (pars so. *neglectus*, pars of *varipinosus*), 5 (of Rail. pars and Stoss. pars so. *Eustrongylides tubifex*), 10 (of Rail. pars, to *Eustrongylides*), 24 (of Stoss. pars so. *Eustrongylides excisus*).—Nev.-Lem., 1912a, 780.—Stoss., 1899d, 59-60 (in *Anas acuta*, *A. crecca*, *A. clypeata*, *A. domestica*, *Alca torda*, *Carbo cormoranus*, *Oolymbus arcticus*, *C. septentrionalis*; *Mergus albellus*, *M. merganser*, *M. serrator*, *Microcarbo pygmaeus*, *Pavo cristatus*, *Podiceps minor*, *P. cristatus*; Europe); 1902, 8 (in *Querquedula circia*).—Wehrmann, 1909a, 222-229, 230, 233, figs. 5, 6 (in A. b. dom.).
- mergi-merganseris* Dies., 1861a, 683 (in *Mergus merganser*; Mol., 1860).—Jägers., 1909, v. 2 (3), 41 (so. *coronatus*).
- neglectus* Jägers., 1909, v. 2 (3), 2, 3, 30-32, 46, figs. 14, 44-46, 68 (s. *papillosus*, ? sp. Wedl, 1856, *Eustrongylus papillosus*) (in *Numenius arquatus*, *Querquedula circia*; Cagliari, Mus. Wien, Mus. Genoa).
- orispinus* Mol., 1858 (1859e), 300 (in *Ibis falcinellus*; Padua); 1860, v. 38, 712; 1861a (b), 610 (186) (in I. f.; P.); 1861c, 306-308, pl. 12 fig. 7, pl. 13 fig. 13 (in I. f.; P.).—Dies., 1861a, 682 (in *Cygnus olor*; P.); 1861c, 279.—Jägers., 1909, v. 2 (3), 39-41, fig. 10 (in I. f.).—Par., 1894a, 235.—Stoss., 1899d, 60-61 (in I. f.; P.).
- pachicephalus* Mol., 1861a (b), 610-611 (186-187) (s. *Echinocephalus cygni*) (in *Cygnus olor*; Padua).—Jägers., 1909, v. 2 (3), 42-43, fig. 12 (s. sp., *cygni*, E. c. Mol., 1860) (in *Cygnus olor*).—Linst., 1909 (15), 77, fig. 72 (in C. o.) (*pachyc.*).—Neum., 1892, 377 (*pachyc.*).—Par., 1894a, 235 (in C. o.; P.).
- pachycephalus* Neum., 1892d, 377 (in *Cygnus olor*) (for *pachicephalus*).—Gedælst, 1911a, 115, fig. 151 (in swan).—Linst., 1909a, 77, fig. 72 (in C. o.).—Rail., 1893a, 424 (so. *cygni*).—Støedter, 1901a, 61, 95 (in *Schwæne*).

HYSTRICHIS—Continued.

- papillosus* (Rud., 1802) Mol., 1861a (b), 607-608 (183-184) (in *Ardea coccyi*: Caicara, Matogrosso; A. leuce; Matogrosso; A. pinnata; Registo do Rio grande (Arauguary); Corvus caryocatactes; Greifsw.; Carbo cormoranus; M. C. V.; C. pygmaeus; M. C. V.; Numenius arquatus; Gryphæ; Plotus anhinga; Brasília; P. melanogaster; Matogrosso; Tantalus loculator; Porto do Rio Parana).—Jägers., 1909, v. 2 (3), 2 (to Eustrongylides), 3, 10, 17, 20, 24, 26, 30 (pars so. elegans, pars of H. neglectus, pars of E. perpapillatus, pars of E. ignotus, pars of E. excisus).—Linst., 1899c, 155, 156-158, figs. 1-4, 14-16 (s. *Tropidocerca paradoxa*) (in A. coccyi, A. leuce, A. pinnata, A. paradoxa, Carbo cormoranus, C. pygmaeus, Colymbus arcticus, C. minor, C. septentrionalis, Coracias garrula, Corvus coryocatactes, Mergus albellus, Numenius arquatus, Plotus anhinga, P. melanogaster, Tantalus loculator); 1909a, 78, fig. 73 (in *Anas boschas*, *Anser anser*, M. a., M. serrator, *Phalacrocorax carbo*).—Ratz, 1900f, 178.
- species Wedl, 1856a, 41, pl. 1 figs. 12-14 (in *Fulica atra*; by Wedl).—Jägers., 1909, v. 2 (3), 30, 36 (so. ? neglectus, ? wedli).—Stoss., 1899d, 61 (7) (so. wedlii).
- species Jägers., 1909, v. 2 (3), 41 (so. coronatus) (quotes Mol., 1860a, 707).
- species Jägers., 1909, v. 2 (3), 42 (so. pachic.) (Mol., 1860a, 710).
- tricolor* Duj., 1845a, 290-291 (in *Anas boschas dom. et fera*; Rennes).—Bail., 1866b, 45 (to Spiropt.).—Dies., 1861a, 682.—Fiebiger, 1912a, 259.—Fröhner, 1916a, 261.—Geddelst, 1903a, 52, 106 (in A. b. d.); 1911a, 114 (in dom. duck).—Hut. & Mar., 1913b, 480.—Jägers., 1909, v. 2 (3), 3, 27-30, 46, figs. 13, 42-43, 67 (so. *Eustrongylus tubifex*, Str. anatis, S. tubifex?, S. tadornæ, S. tricolor) (in A. b. d.; Coll. Linst.).—Linst., 1899c, 155; 1909 (15), 77, figs. 71a-b (in A. b., *Tadorna tadorna*).—Mol., 1861a (b), 609-610 (185-186) (s. Spiropt. tadornæ) (in A. b. d., A. b. fera, A. tadorna); 1861c, 306, 307, 308.—Neum., 1892d, 377.—Nev.-Lem., 1912a, 780.—Rail., 1893a, 423 (s. ? Spiropt. tadornæ, tricolor).—Ratz, 1900f, 178-180, 183-184, pl. 5 figs. 6-10; 1908, v. 31 (23), 285-287, figs. 1-6.—Stoss., 1891a, 217-218 (2-3), pl. 3 figs. 3-5 (in A. dom.); 1899d, 60 (6), (s. Spiropt. tadornæ, S. tricolor) (in A. d., (Venice, Rennes), A. b., (Rennes), A. tadorna (Ireland)).—Wolffh., 1900a, 10, 58 (in A. b. d.; Germany).—Wehrmann, 1909a, 223, 224.
- tubifex* (Nitzsch, 1819) Mol., 1861a (b), 606-607 (182-183) (s. Str. papillosus, mergorum, anatis, elegans) (in *Anas boschas dom.*, A. crecca, A. acuta, A. clypeata, Alca torda, Colymbus septentrionalis, C. arcticus, Mergus serrator, M. albellus, M. merganser, Podiceps cristatus, P. minor; Greifsw., Wien, Ireland, M. C. V.).—Jägers., 1909, v. 2 (3), 3 (cf. Filarioider Wurm), 5 (to Eustrongylides), 10 (so. elegans), 28 (of Mol., pars and of Linst., pars, so. tricolor).—Linst., 1909 (15), 77 (in A. b., A. a., A. c., A. querquedula, C. a., C. cristatus, C. nigricans, C. s., Mergus albellus, M. merganser, Spatula clypeata).—Neum., 1892d, 377.—Rail., 1893a, 423 (so. elegans).
- varispinosus* Jägers., 1909, v. 2 (3), 2, 35-36, 47, fig. 6 pl. 1 fig. 18, pl. 4 fig. 51 (in Mergus serrator; Coll. Paris).
- wedli* Jägers., 1909, v. 2 (3), 3, 36-39, 47, figs. 7-9 (for wedlii) (s. ? sp.) (in *Fulica atra*; Coll. Linst.).
- wedlii* Linst., 1879a, 173-174 (name for Hystrichis sp. Wedl) (in *Fulica atra*; by Wedl and Linst.); 1899a, 155 (in F. a.); 1909 (15), 78 (in F. a.).—Jägers., 1909, v. 2 (3), 3, 36-39, 47, figs. 5, 7-9 (s. ? sp.) (wedli) (in F. a.).—Stoss., 1899d, 61-62 (7-8) (in F. a.).

HYSTRICHUS A., D., & E., 1901b, 7 (for Hystrichis).

HYSTRIGNATHUS Leidy, 1850e, 102 (mt. rigidus); 1853b, 44; 1904a, 39.—Rail. & Henry, 1916, 115.—Scudd., 1884a, 370.—Stiles & Hass., 1905b, 113.

hystrix [Cobb, 1898] Johnst., 1912, PRSQ, 75-76 (s. Xyo hystrix Cobb).

rigidus Leidy, 1850e, 102 (in Passalus cornutus; by Leidy); 1853b, 44 (in ventric. of Passalus cornutus); 1856b, 49; 1904a, 39-40, 92.

ICHTHIONEMA Pierantoni, 1914, ICZ, 663 (for Ichthyonema).

ICHTHYONEMA Dies., 1861a, 620, 698-699 (type probably globiceps).—A., D., & E., 1901b, 7.—Braun, 1915a, 291.—Linst., 1892g, 511; 1909a, 71, 75.—Looss, 1901a (1902), 28.—del Lupo, 1898a, 823-825 (in Acipenser sturio; by del Lupo).—Rail., 1916, RMv, 519.—Rollest, 1888a, 680, 686, 688.—Schneid., 1866a, 25, 30, 79, 175.—Shipley, 1896a (1901b), 131, 147, 149, 163.—Stadelmann, 1891a (1892a), 19 (160).—Stiles & Hass., 1905b, 113.—Stoss., 1898c, 97.—Strassen, 1907, v. 17, 110-129, figs. 1-8; 1908b, 49.—Will.-Suhm, 1870a, 18, 20, 21, 24, 26.

ICHTHYONEMA—Continued.

- acipenseris* del Lupo, 1898a, 823-825 (in abd., *Acipenser sturio*; by del Lupo), figs. 1-4.—Gemmill & Linst., 1902a, 117 (in A. s.).—Hofer, 1904a, 271 (in A. s.).
- congeri-vulgaris* (Mol., 1859) Dies., 1861a, 699 (in *Conger vulg.*; Padua).
- cylindraceum* Ward & Magath, 1917, (for 1916), JP, 63, (in *Perca flavescens*; Lake St. Clair).
- filiformis* Stoss., 1896c (d), 123 (in *Pagellus erythrinus*, *Trachinus draco*; Trieste); 1898c, 98 (in T. d.; Trieste).—Gemmill & Linst., 1902a, 117 (in P. e.) (filiforme).
- fusum* (Rud., 1819) Dies., 1861a, 699 (in *Labrax lupus*; Padua).—Gemmill & Linst., 1902a, 116 (in L. l., *Pleuronectes manca*).
- globiceps* (Rud., 1819) Dies., 1861a, 699 (in *Uranoscopus scaber*; Nicæ).—Büetsch., 1876, 230.—Gemmill & Linst., 1902a, 115, 116 (in *Lobotes surinamensis*, *Phycis mediterranea*, *Scomberomorus maculatus*, *Tarpon atlanticus*, U. s.).—Leuck., 1876b, 643, 644.—Linst., 1902a, 223-224, figs. 8-10 (in U. s.; Genoa).—Lint., 1901b, 410, 437, 446, 450, 457, 463, 490, figs. 209-217 (in L. s., *Pomatomus saltatrix*, S. m., T. a.; Woods Hole); 1905d, 329, 330, 368, 412, pl. 4 fig. 21 (in *Paralichthys albiguttus*, Pom. sal.; Beaufort); 1907, v. 33, 96 (in *Tylosurus acus*; Bermuda).—Mont., 1905a, 400-401 (biol.); 1907, v. 2 (3), 18-19.—Par., 1902c, 16 (in *Philometra reticulata*, U. s.; Portoferraio).—Rollest., 1888a, 676, 680.—Schneid., 1866a, 175-176, 195, 300, pl. 12 fig. 11.—Seur., 1916, 347, 358 (in *Sagitta bipunctata*).—Stiles & Hass., 1905b, 113.—Stoss., 1896c (d), 123 (5) (in *Labrax lupus*, U. s.; Trieste); 1898c, 97 (in L. l., U. s.; T.).—Strassen, 1907a, 118, 119, 120, 122, 123, 124, 126, 127, 128, figs. 4, 5, 7, 8; 1908b, 49.—Will.-Suhm, 1870a, 16, 26, pl. 13 (in U. s.); 1871a, 190-200, pl. 13 figs. 1-11.
- grayi* Gemmill & Linst., 1902a, 113-117, pl. 8 (in *Echinus escul.*; Firth of Clyde); 1902b, 448; 1903a, 70-71.—Gemmill, 1902, v. 6, 299-301; 1903, v. 6 (3), 299-301.—Strassen, 1907a, 121.
- ovatum* (Zed., 1803) Srámek, 1901a, 96, 102 (s. *Asc. u. Fil. gobionis*, Gord.) (in *Squalius dobula*).—Gemmill & Linst., 1902a, 116.—Linst., 1909a, 75-76, fig. 68 (in *Abramis brama*, *Cottus gobio*, *Gobio fluviatilis*, *Leuciscus rutilus*, *Phoxinus lævis*, *Squalius cephalus*, *S. leuciscus*).
- pellucidum* Jægers., 1893a (1894a), 44-54 (in *Tetrodon stellatus*), pl. 1 figs. 1, 2 12 (2), 16, 17 (3), 19-23.—Gemmill & Linst., 1902a, 117 (in *Tetrodon stellatus*).—Strassen, 1908b, 49.
- sanguineum* (Rud., 1819) Bast., 1865c, 95, 102, fig. 55 (in *Abramis vimba*).—Gemmill & Linst., 1902a, 115, 116 (in *Carassius vulg.*, *Galaxias scriba*, *Paralichthys dentatus*, *Leuciscus rutilus*).—Hofer, 1904a, 271 (in A. brama, *Anguilla vulg.*, C. v., L. r., *Osmerus eperlani*).—Leuck., 1876a, 643, 644.—Linst., 1873; 1874a, 122-134, figs. 1-9; 1902a, 223; 1909a, 75, fig. 67 (in Ab. b., Ab. v., An. v., *Blicca bjoerkna*, *Cottus gobio*, *Car. vulg.*, L. r., O. e.).—Lint., 1900a, 269, 283, 304, figs. 120-121 (in P. d.; Woods Hole); 1900, 304; 1901b, 410, 482 (in P. d.; Woods Hole).—Mueh., 1898b, 49 (in Ab. b.).—Schneid., 1913, 31.—Seur., 1916, 347 (in *Cyclops*, *Diaptomus*).—Shipley, 1896a (1901b), 149 (in fish).—Srámek, 1901, 95, 102, fig. 55 (in Ab. v.).—Strassen, 1907a, 110-129, figs. 6-8 (in *Cyclops*); 1907a, 118, 119, 120, 124, 125, 126, 127, fig. 6; 1908b, 49.—Vavra, 1901, 95 (in A. v.).
- species* Lint., 1901b, 410, 428 (in *Sphyrna zygaena*; Woods Hole); 410, 446 (in *Sarda sarda*; W. H. region); 410, 481 (in *Hippoglossus platessoides*; W. H. r.); 410, 463 (in *Chaetodipterus faber*; W. H.), figs. 218-219.
- species* Lint., 1905d, 330, 372 (in *Coryphæna hippurus*; Beaufort).
- species* Lint., 1907, 96, pl. 1 figs. 4, 4a (in *Epinephelus maculosus*, *E. striatus*, *Lycodontis moringa*, *Mycteroperca apua*, *Neomænis* sp.).
- IOTA Cobb, 1913, JWAS, 437-438 (mt. tod. *squamosa*).—Menz., 1917, RsZ, 154, 155, 156, 157 (Jota, so. *Hoplolaimus*).
- octangulare* Cobb, 1914, TAMS, v. 33, 72, 74 (38, 40, 86), pl. 2 fig. 1 (Dismal Swamp, Va.).—Menz., 1917, 154, 157 (Jota, to *Hoplolaimus*).
- squamosa* Cobb, 1913, 437-438 (roots of Mango; Bangalore, India).—Menz., 1917, 154, 157 (Jota, to *Hoplolaimus*).
- IOTONCHUS Cobb, 1916, JP, 196 (tod. *gymnolaimus*) (subg. of *Mononchus*); 1917n, 439, 455.
- acutus* Cobb, 1917n, 438, 455, 481, fig. 68 to M. (I.) (about roots of rhubarb in loose brown sandy soil; Arlington, Va.).

IOTONCHUS—Continued.

- bathybius* (Micol., 1913) Cobb, 1916, 196; 1917n, 435, 438, 455, 478, fig. 64 to M. (I.) (in mud; Atter Lake, Austria).
brachylaimus Cobb, 1917n, 438, 455, 480, fig. 67 to M. (I.) (in brown sandy soil; Arlington, Va.).
consimilis Cobb, 1917n, 438, 455, 477, fig. 61 to M. (I.) (about roots of *Platonia insignis*; Brazil).
digiturus (Cobb, 1893) Cobb, 1916, 196; 1917n, 438, 455, 476, fig. 58 to M. (I.) (about roots of banana plants; Fiji).
gymnolaimus (Cobb, 1893) Cobb, 1916, 196; 1917n, 438, 455, 476–477, fig. 60 to M. (I.) (about roots of banana, Fiji; of *Platonia insignis*, Rio de Janeiro, Brazil; of various plants, Arlington Farms, Va.).
rapax Cobb, 1917n, 438, 455, 477, fig. 62 to M. (I.) (about roots of plants; Arlington Farms, Va.).
regius Cobb, 1917n, 438, 442, 449, 455, 478, fig. 9, 63 to M. (I.) (about roots of plants; Arlington Farms, Va.).
rex (Cobb, 1904) Cobb, 1917n, 455 (to *Mononchus*).
studerii (Steiner, 1914) Cobb, 1916, 196; 1917n, 438, 454, 479, fig. 65 to M. (I.) (under moss; Ufenau Isl., Zürich Lake).
trichurus Cobb, 1917n, 438, 448, 455, 476, figs. 14, 59 to M. (I.) (about roots of orange trees; Bahia, Brazil).
tridentatus (Man, 1876) Cobb, 1916, 196 (error, see *Anatonchus*).
zschokkei (Menz., 1913) Cobb, 1917n, 438, 455, 479, fig. [66] to M. (I.) (in high Swiss Alps).

IRONUS Bast., 1865c, 93, 103–104, pl. 9 figs. 34a–b (mt. *ignavus*) [not *Irona* Schiedte, 1883, crustacean; not *Ironeus* Bates, 1872, coleopt.].—Cobb, 1917n, 453.—Hofmæn., 1913, 627–628.—Jægers., 1909, 6, 27.—Man, 1876a, 83–84; 1876b, 6–7.—Menz., 1914, 52–53.—Oerley, 1880, 67, 127–128.—Stiles & Hass., 1905b, 113.

americanus Cobb, 1914, TAMS, v. 33 (2), 90–91 (38, 56–57, 92) pl. 5 fig. 13 (Colorado).

entzii Daday, 1894, Mte, v. 12, 135; 1897, v. 2 (1), 96–97, figs. 76–78 (free; Balaton).—Plotnikov, 1901, 246.

filicauda Daday, 1899, Mte, v. 17, 564–565.

helveticus Daday, 1911, RsZ, 502–504, pl. 15 figs. 1a–d (Vierwaldstätter See, etc., Switz.).

ignavus Bast., 1865c, 104, pl. 9 figs. 34A–34B (aquatic; Easthampstead Plain and Sandhurst).—Brakenhoff, 1914, v. 22, 278–281.—Ditlevsen, 1912, 225, 232, 233, pl. 4 fig. 33.—Hofmæn., 1913, 628–629.—Hofmæn. & Menz., 1915, 149–150.—Jægers., 1909, 27–28, fig. 37.—Man, 1884, 70.—Menz., 1914, AN, 53, 82.—Micol., 1913, 11; 1914, 473–475.—Oerley, 1880a, 128, pl. 7 figs. 27a–b.—Southern, 1914a, 7 (Co. Mayo).—Stefanski, 1916, ZA, 364.—Stiles & Hass., 1905b, 113.

ignavus brevicaudatus Brakenhoff, 1914, v. 22, 282 (for *ignavus* of Man; Holland).

ignavus typicus Brakenhoff, 1914, v. 22, 281–282 (for *ignavus* of Bast.; Eng.).

longicaudatus Man, 1884a, 20, 70–71, pl. 34 fig. 140 (in moist soil; Deutschland).—Ditlevsen, 1912, 225, 232–233.—Daday, 1913, 664–665.—Hofmæn. & Menz., 1915, 151.—Menz., 1914, AN, 35, 53, 82.—Southern, 1914a, 7 (Co. Mayo).

longicollis Daday, 1899, Mte, v. 17, 565.

minor Cobb, M. V., 1915, TAMS, 35–36 (Douglas Lake, Mich.).

papuanus Daday, 1899, Mte, v. 17, 565–566.

tenuicaudatus Man, 1876a (b), 84–87 (7–10) (Leiden).—Oerley, 1880a, 128.

ISACIS Dies., 1861a, 614, 634 (for *Isakis* Lespès, 1856, mt. *migrans*).—Par., 1896b, 109, 111 (for *Isakis*); 1898a (b), 114 (13) (for *Isakis*).—Shipley, 1896a (1901b), 163.—Skrjabin, 1916, 76, 78, 142–143.—Stiles & Hass., 1905b, 114.

acuminata (d'Udekem, 1859) Dies., 1861c, 272 (in *Julus terrestris*; Belgium).

cuspidata (Rud., 1814) Dies., 1861a, 635 (in *Oryctes* (Scarabæus) *nasicornis*; Europe).—Linst., 1878a, 301 (in *O. n.*).—Mordw., 1908, v. 13 (1–2), 146.

cylindrica (Leidy, 1849a) Linst., 1878a, 326 (in *Helix alternata*).

gryllotalpæ (Dufour, 1837) Dies., 1861a, 636 (in *Gryllotalpa* vulg.; by Dufour).—Linst., 1878a, 295 (in *G. v.*; Latr.).

ISACIS—Continued.

- infecta* (Leidy, 1849) Linst., 1878a, 312 (in *Julus marginatus*).
lucani (Fröel., 1802) Dies., 1861a, 636 (in *Lucanus capreolus*; by Fröel.).—Linst., 1878a, 302 (in L. c.).
macrocephala d'Udekem, 1859, 560 565, 566, pl. 2 figs. 1-9.—Dies., 1861c, 272-273 (in *Julus terrestris*; Belgium).—Linst., 1878a, 312 (in J. t.).
migrans Lespès, 1856a, 335-336, pl. 8 figs. 10-15 (in *Termites*; by Lespès); 1877, 147.—Linst., 1878a, 291 (in *Termes lucifugus*).—Stiles & Hass., 1905b, 114.
modiglianii Par., 1896b (c), 112-113 (5-6), pl. 1 figs. 15-19 (in *Spirotreptus mentawaiensis*; Isola Mentawai, Sereim); 1898a (b), 116 (15) (in S. m.; M.).
multipapillata Skrj., 1916, 78-80, 112, 143-144, pl. 8 figs. 57-62 (in *Julus* sp.; Brit. E. Africa).
silvestrii Par., 1896b (c), 111-112 (4-5), pl. 1 figs. 11-14 (in *Platyrrhacus modiglianii*, *Sphæropœus hercules*; Sumatra); 1898a (b), 116 (15) (in P. m., S. h.; S.).

ISACUS Zool. Rec. (1906), 1907, v. 33, Verm., 42 (for *Isacis*) [not *Isacus* Cope, 1873 mammal].

ISAKIS Lespès, 1856a, 335-336 (mt. *migrans*) [not *Isacis* and *Isacus* Cope, 1873, mammal; not *Isaca* Walker, 1857, hemipt.].—Rail. & Henry, 1916, CrSB, 115 (*Isacis* Dies., 1861); 1916, CrSB, 250.—Stiles & Hass., 1905b, 114.—See also *Isacis*, *Isacus*.

migrans Lespès, 1856a, 335-336, pl. 8 figs. 9-14 (in *Termites*; by Lespès).—Linst., 1901b, 419 (in *Termes*).—Rail. & Henry, 1916, 115.

ISONCHUS Cobb, 1913, JWS, 439 (tod. *radicolus*).

radicolus Cobb, 1913, 439 (in soil about roots of cotton plants; Springfield, S. C.).

JOTA Menz., 1917, 154, 155, 156, 157 (for *Iota*, q. v., so. *Hoplolaimus*).

KALICEPHALUS Mol., 1861a (b), 436, 538-549, diag. 540 (12, 114-125, diag. 116) (type? [tat.] ? *mucronatus*=*kalicephalum*, see Stoss., 1899d, 106, or ? *inermis*, see Stiles & Hass., 1905b, 114).—Hall, 1916a, 119.—Leiper, 1908 (3), 190.—Linst., 1904, v. I, in 91-104.—Looss, 1904, 9.

appendiculatus Mol., 1861a (b), 545-547 (120-123) (s. *Str. colubri*, *colubri-errio*) (in *Clœlia plumbea*, *Coluber lichtensteinii*, *Leptophis ahatulla*, *Liophis cinerascens*, *L. bivittatus*, *L. miliaris*, *L. regius*, *Ophis cœruleus*, *O. merremii*, *O. sauroc*, *Spilotes pullatus*; Brazil).—Linst., 1904f, 10.—Stoss., 1899d, 107 (53) (to *Sclerost.*).—Also reported for *Ophiomorphus miliaris*, *Pseudophis bivittatus*, *P. cinerascens*, *S. species*.

bothrops Mol., 1861a (b), 549 (125) (s. *Str. viperæ-lanceolatae*) (in *Bothrops jararaca*; Brazil).—Stoss., 1899d, 107 (53) (so. *Sclerost. subulatum*).

brevipenis Mol. (1860), 1861a (b), 548-549 (124-125) (s. *Str. colubri*) (in *Dryophis fulgidus*, *Ophis rhodogaster*; Cujaba, Forte do Principe da Beira).—Stoss., 1899d, 132 (78) (to *Sclerost.*).

inermis Mol., 1861a (b), 540-542 (114, 116-118), pl. 7 figs. 1-3 (s. *Str. colubri-jararaca*, *Str. crotali*) (in *Bothrops jararaca* at Sao Paulo; *Crotalus horridus* at Ypanema).—Linst., 1904f, 10.—Stoss., 1899d, 106 (52) (to *Sclerost.*).

mucronatus Mol., 1861a (b), 547-548 (123-124) (s. *Str. crotali*) (in *Crotalus horridus*; Brazil).—Stoss., 1899d, 106 (52) (so. *Sclerost. kalicephalum*).

rotundatus Linst., 1908, 23, pl. 4 figs. 5-6 (in *Pseudaspis cana*; Kooa, Kalahari, Africa).

species Leiper, 1908 (3), 194 (in *Psammophis sibilans*; White Nile).

species Sambon, 1907f, 359 (in *Psammophis sibilans*; Tropical Africa, Egypt).

species Sambon, 1909a, 50 (in stomach, *Eryx conicus*; from India); 1909b, 313 (in E. c.).

strumosus Mol., 1861a (b), 542 (118) (s. *Str. colubri-errio-vari*) (in *Coluber lichtensteinii*; Matogrosso).—Stoss., 1899d, 106 (52) (to *Sclerost.*).

subulatus Mol., 1861a (b), 543-544 (119-120) (s. *Str. boa-giboia*, *colubri-surucucu*, *S. colubri*) (in *Boa constrictor*, at Matogrosso; *Bothrops jararaca*, at Ypanema; *Lachesis rhombeata*, at Borba).—Stiles & Hass., 1894e, 345 (in B. c.).—Stoss., 1899d, 107 (53) (to *Sclerost.*).—Also reported for *Pithon bivittatus*.

¹ This is a peculiar case that is not altogether clear under the Code. We believe that *mucronatus* (syn. *kalicephalum*) is the type. Our citation in 1905 was not a definite designation; and at that time we overlooked the synonym which created tautonymy.

KALICEPHALUS—Continued.

- willieyi* Linst., 1904f, 9–10, pl. 1 figs. 14–18 (in *Coluber helena*, *Vipera russelli*; Colombo, Weligatta, Horana); 1906, v. 3 (11), 168 (in *Typhlops braminus*; Colombo; 1908, 109 (in *Bungarus fasciatus*; Dibrugarh, Assam).
- KATHLANIA** Lane, 1914, IJMR, 655, 656, 664–666 (tod. *kathlena*) (g. of *Kathlaniinae*); 1916, IJMR, 100, 103.
- kathlena* Lane, 1914, 666–667, 668, figs. 18–29 (in *Chelone midas*; Ceylon).
- tonaudia* Lane, 1914, 668–669, figs. 30–39 (in gut of *Chelone midas*; Ceylon).
- KATHLANIINÆ** Lane, 1914, IJMR, 655 (subf. of *Heterakidae*, contains *Dacnitis*, *Cissophylus*, *Kathlania*, *Subulura*); 1916, IJMR, 100, 103.—Hall, 1916a, 51 (so. *Subulurinae*).
- KATHLEENA** Leiper & Atkinson, 1914, PZSL, 226; 1915, 24 (tod. *osculata*).—Hall, 1916a, 41, 42.—Rail. & Henry, 1915, 271.
- osculata* (Rud., 1802a) Leiper & Atkinson, 1915, 27 (in *Hydrurga leptonyx*, *Lobodon carcinophagus*, *Trematomus bernacchii*).
- radiata* (Linst., 1907) Leiper & Atkinson, 1915, 26–27, fig. 2 (in *Weddell's Seal*; Antarctic Zone).
- rectangula* (Linst., 1907) Leiper & Atkinson, 1915, 27.
- scotti* Leiper & Atkinson, 1914, PZSL, 223 (in *Diomedea melanophrys*; Antarctic); 1915, 24–26, pl. 1 figs. 2, 5, 8, text fig. 1 (in *D. m.*; Campbell Isl.).
- KILULUMA** Skrj., 1916, 89, 92, 151, 152 (tod. *stylosa*).
- brachylaima* (Linst., 1901) Skrj., 1916, 95, 154 (in *Heterohyrax mossambica*).
- stylosa* (Linst., 1907) Skrj., 1916, 92–94, 95, 152–154, pl. 10 figs. 76–82, text fig. C (in *Rhinoceros africanus*; Tropical Africa).
- KINORHYNCHA** Southern, 1914a, 68–69 (subgroup of *Echinoderida*; contains orders: *Homalorhagæ*, *Cyclorhagæ*); 1915, 256.
- KOLEOPS** Lockwood, 1872a, 452 (mt. *anguilla*) (written *Coleops* in *Scudd.*, 1884, 74).—Stiles & Hass., 1905b, 114.
- anguilla* Lockwood, 1872a, 449–454, figs. 120–122 (in *Anguilla acutirostris* [= *A. vulg.*]; near Keyport, N. J.).—Stiles & Hass., 1905b, 114.
- KRIKONEMA** Hofmæn. & Menz., in Menz., 1914, AN, 41 (for *Criconema*).
- guerni* (Certes, 1889) Hofmæn. & Menz., in Menz., 1914, 41.
- LABIDURIS** Schneid., 1866a, 29, 122–123, 241 (mt. *gulosus*) [not *Labidura* Leach, 1817, orthopt.; *Labidura* Dum., 1806, orthopt., supergeneric name].—Rail. & Henry, 1916, 114 (type *gulosus* Rud., 1819, not Leach, 1817); 1916, CrSB, 250 —Stiles & Hass., 1905b, 114.
- gulosus* (Rud., 1819) Schneid., 1866a, 123, 233, pl. 7 figs. 15–17 (in *Testudo tabulata*; Berl.).—Drasche, 1884b, 325 (in *T. græca*).—Linst., 1899b, 13.—Rail. & Henry, 1916, 114.—Stiles & Hass., 1905b, 114.—Stoss., 1902c (d, e), 68 (8) (in *Gongylus ocellatus*; Cagliari).—Also reported for *Chelonoides tabulatus*, *Rhinemys nasuta*.
- zschokkei* Linst., 1899b, 13–14, pl. 3 figs. 28–30, pl. 4 fig. 40 (in *Testudo tabulata*; Brazil).
- LABYRINTHOSTOMA** Cobb, 1898a, 421, fig. 65 (species apparently not named).—Stiles & Hass., 1905b, 114.
- LAGOCHEILASCARIS** Cast. & Chalm., 1913a, 547 (for *Lagochilascaris*).—F., S., & T., 1916a, 466.—Ward, 1916, 702.
- minor* (Leiper, 1909) F., S., & T., 1916a, 467.—Ward, 1916, 702.
- LAGOCHILASCARIS** Leiper, 1909, PZSL, Abstr. 74, Nov. 16, 35–36 (mt. *minor*); 1909, PZSL, 742; 1910, v. 3 (22) 23–26; 1913, 266.—Gedælst, 1911a, 132.—Stiles, 1914, MM, v. 2, 271.
- major* Leiper, 1910, 25–26, figs. 6–9 (in *Felis leo sabakiensis*; Kilimandjaro); 1913, 266 (in *E. African lion*).—Gedælst, 1911, 132, fig. 177.
- minor* Leiper, 1909, 35–36 (in *Homo*; Trinidad); 1910, Apr., 742–743 (subcutaneous, in H.; T.); 1913, 265–266, figs. 1–3 (in H.).—Braun, 1915a, 367.—Brumpt, 1913a, 414.—F., S., & T., 1916a, 467.—Gedælst, 1911a, 132 (in H.; T.).—Stiles, 1914, MM, v. 2, 288.—Wellman, 1914, 800.

- LAPHYCTES** Duj., 1845a, 3, 653 (*Rictularia* Frœl. renamed, hence type *cristata*) [not *Laphyctes* Reichenbach, 1850, bird; Stål, 1853, hemipt.; Fœrst., 1878, hymenopt.; *Laphyctis* Loew., 1859, dipt.].—Hall, 1916a, 168 (so. *Rictularia*).—Stiles & Hass., 1905b, 115.
- LASIOMITUS** Mar., 1870a, 11–12 (mt. *exilis*).—Stiles & Hass., 1905b, 115.
bierstedti Mar., 1870b, 10, pl. 20 fig. 2.—Villot, 1875a, 466 (Med.).
exilis Mar., 1870a, 11–12, pl. A fig. 1 (Endoume).—Villot, 1875a, 466 (Med.).
subrotundus Mar., 1870b, 5.—Villot, 1875a, 466 (Med.).
tenuicollis Mar., 1870b, 5.—Villot, 1875a, 466 (Med.).
- LAXUS** Cobb, 1894c, 413–416 (tsd. *longus*); 1914, 10.—Stiles & Hass., 1905b, 115.
contortus Cobb, 1894c, 414 (in marine sand; Nap.).
longus Cobb, 1894c, 415–416, fig. (2), i–v (in marine sand; Port Jackson, Australia).—Stiles & Hass., 1905b, 115.
septentrionalis Cobb, 1914, SE, 8, 29–30, 1 fig. (Bay; Cape Royds).
- LECANOCEPHALIDEA** Drasche, 1884a, 107 (supergeneric name, based upon *Lecanoccephalus*).
- LECANOCEPHALUS** Dies., 1839a, 227 (mt. *spinulosus*) [not *Lecanicephalum* Lint., 1891, cestode.]; 1851a, 250.—Braun, 1895b, 207.—Carus, 1863, v. 2, 462.—Crep., 1841a, 82.—Duj., 1845a, 288.—Goldb., 1855a, 111.—Hamann, 1893c, 432, 433, 434.—Krefft, 1871a, 210.—Mol., 1857a, 151; 1859e, 300; 1861c, 314.—Nordm., 1840a, 647.—Rail. & Henry, 1915, 272, 273.—Shipley, 1896a (b), 131, 133.—Stiles & Hass., 1905b, 115.—St. Joseph, 1900a, 228, 229.—Stoss., 1898c, 79.—Wallenstedt, 1847a, 8.
annulatus Mol., 1859h, 29–30 (in ventric. *Labrax lupus*; Padua).—Jægers., 1897b, 19.—Lint., 1901b, 410, 455, 490, figs. 220–223 (in *Roccus lineatus*); 1905d, 329, 331, 383 (in *Diplodus holbrookii*; Beaufort).—Rail. & Henry, 1915, 272, 273 (in D. h., L. l., R. l.).—Sons., 1890n, 177–178 (in L. l., *Mugil cephalus*, *Umbrina cirrosa*; Mus. Pisa); 1891h, 253, 255, 263 (in M. c., U. c.).—Stoss., 1887d (e), 190(7) (in stom. L. l.; Trieste); 1898c, 79 (in L. l.; T.).
kollari Mol., 1858 (1859e), 300–301 (in ventric. *Chrysophrys aurata*; Padua); 1861c, 315–316, pl. 14 figs. 1–6.—Dies., 1861c, 278.—Rail. & Henry, 1915, 272 (in C. a.).—Sons., 1890, 177 (in C. a.).
spinulosus Dies., 1839a, 227, pl. 14 figs. 12–20 (in *Sudis gigas*; Borba).—Büetsch., 1874b, 259.—Crep., 1841a, 82 (in S. g.).—Duj., 1845a, 288.—Mol., 1861c, 315.—Nordm., 1840a, 648 (in S. g.).—Rail. & Henry, 1915, 272, 273.—Sons., 1890n, 177 (in S. g.; Brazil).
- LEIURIS** Leuck., 1850, 11 (mt. *Str. leptocephalus*) [not *Leiurus* Ehr., 1829, arachnoid; *Leiurus* Swains., 1839, fish; *Leiurus* Gray, 1845, reptile].—Stiles & Hass., 1905b, 115.
leptocephalus (Rud., 1819) Leuck., 1850, 9–11, 16, pl. 2 fig. 1 (in *Faultiere*).—Schneid., 1866a, 100 (to Fil.).—Stiles & Hass., 1905b, 115.
- LEPIDONEMA** Cobb, 1898a (b), 315 (20) (mt. *bifurcata*).—Stiles & Hass., 1905b, 115.
bifurcata Cobb, 1898a (b), 315, 453 (20), figs. 36, i–iv, 127.—Stiles & Hass., 1905b, 115.
- LEPIDOSOMA** Porta, 1907, v. 1 (19), 412 (subg. of *Echinor.*, for [type] *Echinor. lamelliger* Dies.) [not *Lepidosoma* Wagl., 1830, reptile; Risso, 1839, fish]; 1908, ZJ, 53.—Lühe, 1912, ZJ, v. 1, 277.
lamelliger (Dies., 1854) Lühe, 1912, v. 1, 277.
- LEPTODERA** Duj., 1845a, 106, 108–109 (mt. *flexilis*) [not *Leptodeira* Fitz., 1843, reptile; *Leptodira* for *Leptodeira*; *Leptodirus* Sturm., 1849, coleopt.; *Lep-todirus* for *Leptoderus*; *Leptoderus* Schmidt, 1849, coleopt.].—Braun, 1895b, 24; 1906a, 20.—Carus, 1863, v. 2, 460.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Dav., 1877a, 970.—Dewitz, 1892b, 139 (*Leptodora*).—Erc., 1875e, 36.—F., S., & T., 1916a, 19.—Leichtenstern, 1886c, 173.—Leuck., 1868a, 406; 1879a, 124, 125; 1886d, 94.—Looss, 1892a, 40; 1911, v. 4, 216, 255.—Lespès, 1856a, 335.—Mol., 1857a, 151.—Mordw., 1908, v. 13 (1–2), 155, 156.—Neilly, 1882a, 398.—Rollest., 1888a, 679, 686.—Schneid., 1866a, 25, 28, 29, 51, 126, 148, 154, 156, 190, 194, 196, 197, 201, 202, 208, 210, 213, 214, 232, 234, 241, 244, 245, 248, 251, 253, 254, 256, 258, 260, 261, 263, 267, 270, 271, 272, 279, 283, 284, 286, 292, 293, 298, 300, 301, 302, 315, 317.—Shipley, 1896a (b) (1901b), 129, 131, 133, 160.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 115.—Stœdter, 1901a, 19, 29, 96.—Ward, 19031, 207; 1916, 678.—See also: *Leptoderes*, *Leptodora*.

LEPTODERA—Continued.

- angiosoma* Schneid., 1866a, 155, 157, 251, 273, 274, pl. 10 fig. 2 (s. *Angiosoma limacis* Duj., not Schneid., 1856, 192) (in *Limax ater*; Saxony).
- [*annulata* (Linn.) Cast. & Chalm., 1910a, 1169 (lapsus for *Leptodira annulata*, a snake).]
- appendiculata* (Schneid., 1859) Schneid., 1866a, 150, 155, 159-160 (in moist earth and decaying substance), 218, 248, 249, 265, 266, 268, 271, 277, 278, 283, 285, 295, 304, 305, 314, 321, pl. 11 figs. 4-10, pl. 25 figs. 1-3, 9, pl. 26 figs. 1, 2 (s. *Alloionema appendiculatum*).—Am. Nat., 1875, 519.—Braun, 1883a, 160; 1895b, 12; 1906a, 8.—Büetsch., 1873a, 6; 1876, 442.—Claus, 1867, 95-102; 1868a, 1-24, pls. 1-3 figs. 1-31; 1869a, pls. 1-3.—Conte & Bonnet, 1903a, 199; 1904, v. 50, 67, 68 (in *Limax*, also free).—Dewitz, 1892b, 139.—F., S., & T., 1916a, 7.—Hempelm., 1912a, 108.—Leuck., 1876a, 697.—Looss, 1892, 41.—McCraday, 1874, 189.—Maupas & Seur., 1916, 614.—Rollet., 1888a, 684.—Schneid., 1880a, 173.—Seur., 1916, 364 (in *Arion empiricorum*).—Shipley, 1896a (1901b), 160 (in snail).—Will.-Suhm, 1870a, 23.—Züern, 1882a, 279-280 (in A. e.).
- curvicaudata* Schneid., 1866a, 158, pl. 10 fig. 4 (in moist soil and decaying substance; lng.).
- dentata* Schneid., 1866a, 315, 316, pl. 10 fig. 7, pl. 23 figs. 6, 7 (lng.).
- dolichura* Schneid., 1866a, 315, pl. 10 fig. 10 (lng.).—Büetsch., 1873a, 115 (to *Rhabditis*).
- elongata* Baird, 1858a, 225, pl. 52 figs. 6-9 (in abd. cav. *Siredon mexicanus*; Brit. Mus.).
- elongata* Schneid., 1866a, 156, 159, pl. 10 fig. 3 (in moist soil and decaying substance; lng.).
- flexilis* Duj., 1845a, 109, pl. 6 fig. A. (in *Limax cinereus*; Rennes).—Büetsch., 1873a, 95.—Carus, 1863, v. 2, 460 (in L. c.).—Mordw., 1908, v. 13 (1-2) 147.—Schneid., 1866a, 148, 156-157, pl. 10 fig. 1 (in L. c.; Berl.).
- facunda* Schneid., 1866a, 315, 316, pl. 10 fig. 11, pl. 23 fig. 5 (s. *Pelodytes hermaproditus*) (apparently in decaying substances; lng.).
- inermis* Schneid., 1866a, 158, pl. 10 fig. 6 (in moist soil and decaying substance).
- intectinalis* Züern, 1882a, 280 (misprint for *intestinalis*).
- intestinalis* (Bavay, 1877) Cobbold, 1879a, 9; 1879b, 236, fig. 48.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430; 1913a, 491.—Cast. & Chalm., 1910a, 404; 1913a, 519.—Ijima, 1889b, 372 (to *Rhabditis*).—Linst., 1905n, 533 (to *Strongyloides*).—Nev.-Lem., 1902a, 127; 1908a, 499.—Sl. & Sw., 1912a, 367.—Rail., 1893a, 557 (to *Strongyloides*).—Ward, 1895a, 331 (to Strong.) (in *Homo*); 1903, 208 (to Strong.).—Züern, 1882a, 280 (*intectinalis*).
- lirata* Schneid., 1866a, 155, 161-162, pl. 10 fig. 12, pl. 11 fig. 8 (in moist soil and decaying substance; lng.).—Man, 1912, v. 1, 447.
- macrolaima* Schneid., 1866a, 159, pl. 11 fig. 5 (in moist soil and decaying substance; lng.).
- membranosa* Schneid., 1866a, 157, 251, 255, pl. 11 fig. 10 (in *Rana* sp.; Brazil).
- nicothæ* Pag., 1861a, 125-126, figs. 1-10 (in *Nicothæa*; by Pag.).
- niellyi* R. Bl., 1885 [nv.] (based on Nielly, 1882b, 337-345, figs. 1-3); 1890a, 67 (to *Rhabditis*).—Braun, 1895b, 214 (to Rh.); 1903a, 254 (to Rh.); 1908a, 286; 1915a, 296.—Brumpt, 1910a, 428; 1913a, 490.—Cast. & Chalm., 1910a, 403; 1913a, 518.—Moniez, 1890c, 192; 1896a, 301 (to Rh.).—Nev.-Lem., 1902a, 125; 1908a, 504.—Rail., 1893a, 551 (to Rh.).—Sl. & Sw., 1912a, 366.—Stiles, 1907b, 51 (cf. *Fil. niellyi*).—Ward, 1903d (e), 704; 1903l, 207 (in *Homo*; Brest, France) (s. *Anguillula leptodera*).
- nigrovenosa* (Goeze, 1800) Schneid., 1866a, 318, 319, pl. 26 fig. 5.—Rollet., 1888a, 684.
- oxophila* Schneid., 1866a, 151, 160-161 (*Anguillula aceti*, glutinis, renamed).—Büetsch., 1873a, 5, 11.
- pellio* (Schneid., 1866) Ward, 1903d (e), 704; 1903l, 207-208 (s. *Rhabditis genitalis*, *pellio*) (in *Homo*; Stuhlweissenburg, Hungary).—Cast. & Chalm., 1910a, 404, 447; 1913a, 518.—F., S., & T., 1916a, 8.—Stiles, 1907e, 624; 1914, MM, v. 2, 313.

LEPTODERA—Continued.

producta Schneid., 1866a, 158, pl. 10 fig. 5 (in moist soil and decaying substance; lng.).

rigida Schneid., 1866a, 161 (in moist soil and decaying substance; lng.), 248, pl. 23 fig. 1, pl. 11 fig. 9.—Büetsch., 1873a, 11.

rubrovenosa Schneid., 1866a, 318, 319, pl. 26 fig. 4 (in lungs of *Bufo cinereus*; by Schneid.).

stercoralis (Bavay, 1876) Cobbold, 1879a, 8-9; 1879b, 234-236 to (*Anguillula*).—Berenger-Feraud, 1883, 318.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Cast. & Chalm., 1913a, 519.—Chatin, 1884a, 376.—Lutz, 1880, 463, 464 (in child; Brazil).—Nev.-Lem., 1902a, 127; 1908a, 499.—Rail., 1893a, 557 (so. *Strongyloides intestinalis*).—Sl. & Sw., 1912a, 367.—Ward, 1895a, 323 (so. S. i.); 1903l, 208 (so. S. *stercoralis*).—Züern, 1882a, 280 (in *Homo*).

strongyloides (Schneid., 1860) Schneid., 1866a, 219.

strongyloides (Leuck., 1883) Rollest., 1888a, 686.

teres (Schneid., 1866) Schneid., 1866a, 348, pl. 10 fig. 8.

terricola (Duj., 1845a) Chatin, 1888e, 1432. (in edible onion); 1897, v. 124 (7), 903-905.—Ward, 1903l, 208 (in *Homo*: English schoolship Cornwall) (s. *Pelodera teres*, *setigera*, *Rhabditis terricola*, *cornwalli*); 1916, 678, 696.

uncinata Schneid., 1866a, 348, pl. 11 fig. 7.

LEPTODERES Duj., 1845a, 2, 653 (changed to *Leptodera* Duj., 1845a, 106, 108-109) [not *Leptoderes* Serv., 1839, orthopt.; *Leptoderis* Billb., 1820, coleopt.].—Stiles & Hass., 1905b, 115.

LEPTODORA Dewitz, 1892b, 139 (for *Leptodera*).

LEPTOLÆMUS Scudd., 1882, 172 (for *Leptolaimus*).—Stiles & Hass., 1905b, 115.

LEPTOLAIMUS Man, 1876a (b), 168-169 (91-92) (mt. papilliger); 1880, 142.—Stiles & Hass., 1905b, 115.

papilliger Man, 1876a (b), 169-171 (92-94), pls. 10-11 figs. 42a-e.—Oerley, 1880a (b), 142 (131).

LEPTOSOMATUM Bast., 1865a, 94, 144-147 (tod. elongatum) [not *Leptosoma* Whittman, 1886, worm; *Leptosomatium* Kraatz, 1895, insect].—Büetsch., 1874b, 277 (so. *Thoracostoma*).—Linst., 1896a; 1903u, in 265-294.—Stewart, 1914, RIM, v. 10, pt. 4 (13), 245 (marine).—Stiles & Hass., 1905b, 115.—Villot, 1875a, 456, 457.

antarcticum Linst., 1892a, 3-6, pl. 1 figs. 1-10 (marine; Süd-Georgien); 1896a, 8 (Puerto Toro).

australe Linst., 1905cc, 272 (marine); 1907, 1-4, pl. 1 figs. 1-10 (free; Hut Point, Australia).

bacillatum (Eberth, 1863) Bast., 1865c, 146 (marine; Nizza).—Villot, 1875a, 466 (Med.).

coronatum (Eberth, 1863) Bast., 1865c, 147 (Nizza).—Villot, 1875a, 457, 465 (s. *figuratum*, *Thoracost. echinodon*, *globicaudata*) (Roscoff).

dorylaimus Villot, 1875a, 466 (Med.).

elongatum Bast., 1865c, 145, pl. 12 figs. 156-157 (marine; Falmouth).—Villot, 1875a, 465.

elongatum subangensis Steiner, 1915, ZJ, 226-230, pl. 22 figs. 4-8, pl. 23 figs. 9-11 (marine; Sumatra).

figuratum Bast., 1865c, 146-147, pl. 12 figs. 161-163 (marine; Falmouth).—Büetsch., 1874b, 278.—Villot, 1875a, 457 (so. *coronatum*).

filiforme Villot, 1875a, 466 (Med.).

gracile Bast., 1865c, 145-146, pl. 12 figs. 158-160 (marine; Falmouth).—Villot, 1875a, 457-458 (Roscoff).

indicum Stewart, 1914, RIM, v. 10, pt. 4 (13), 249-250, pl. 31 figs. 11-14 (Indian Museum).

longissimum (Eberth, 1863) Bast., 1865c, 147 (Nizza).—Villot, 1875a, 466 (Med.).

magnum Villot, 1875a, 458, 465, pl. 11 figs. 2a-b (Roscoff).

minutum Villot, 1875a, 459, 465, pl. 11 figs. 3a-b (Roscoff).

montredonense Villot, 1875a, 466 (Med.).

papillatum Linst., 1903u (1904a), 276-277 (12-13), figs. 9-10 (free; Behring Isl.).

LEPTOSOMATUM—Continued.

- punctatum* (Eberth, 1863) Bast., 1865c, 145 (loc. Villafranca).—Stiles & Hass., 1905b, 115.
roscovanum Villot, 1875a, 458, 465, pl. 11 figs. 1a-b (Roscoff).
schneideri Villot, 1875a, 466 (Kiel).
setigerum Villot, 1875a, 466 (Med.).
setosum Linst., 1896a, 5-7, figs. 4-7 (free; St. Jago Bay, etc.).—Baylis, 1916, 298.—Leiper & Atkinson, 1915, 23-24, pl. 1 figs. 3, 6, 9.
species Linst., 1903u (1904a), 276 (12) (free; Murman Coast).
subulatum (Eberth, 1863) Bast., 1865c, 147 (Nizza).—Villot, 1875a, 466 (Med.).
tetrophthalmum Savelev, 1912, 124 (Palafjord, Mogilnojsee).
zolaë (Mar., 1870) Villot, 1875a, 458, 465, 466 (Crozon, Roscoff).

LEPTURIS Schlotthauber, 1860, 126 (mt. curvula) [not *Leptura* Linn., 1758a, 1767, coleopt.; *Lepturus* Brisson, 1760, bird; *Leptourus* Swainson, 1838, bird].—Hall, 1916a, 65 (so. Oxyuris).—Rail. & Henry, 1916, 114 (so. O.).—Stiles & Hass., 1905b, 116.

curvula (Rud., 1803) Schlotthauber, 1860a, 126.

LIMNOMERMIS Daday, 1911, Mte, v. 29, 479-480; 1911, RsZ, v. 19, 504-505 (type?) (Mermithidae); 1913, 244, 245.

acuticauda Daday, 1911, v. 29, 484-485, pl. 2 figs. 1-2; 1911, v. 19, 511-512, pl. 15 figs. 5a-b (Vierwaldstætter-See); 1913, 219, 224, 228, 241, 250-251, pl. 2 figs. 1-2.

aquatilis (Duj., 1845) Daday, 1911, v. 29, 489; 1913, 217, 255-256 (s. Fil. lacustris Duj.).

austriaca Micol., 1913, SAW Wien. 121 (aquatic; Untersee, Ostalpen); 1914, 533-535, pl. 19 figs. 36a-b.

bathybia Daday, 1911, v. 29, 480-481, pl. 1 figs. 1-6; 1911, v. 19, 505-507, pl. 15 figs. 2a-e (Vierwaldstætter-See); 1913, 219, 223, 224, 230, 233, 235, 245-247, pl. 1 figs. 1-6.

curvicauda Daday, 1911, v. 29, 485-486, pl. 2 figs. 3-4; 1911, v. 19, 512, pl. 15 figs. 6a-b (Vierwaldstætter-See); 1913, 218, 219, 224, 228, 233, 241, 251-252, pl. 2 figs. 3, 4.

ensicauda Daday, 1911, v. 29, 486-487, pl. 2 figs. 5-8; 1911, v. 19, 513-514, pl. 16 figs. 7a-d (Vierwaldstætter-See); 1913, 218, 219, 224, 233, 241, 252-253, pl. 2 figs. 5-8.

gracilis Daday, 1911, v. 29, 487-488, pl. 2 figs. 9-11; 1911, v. 19, 514-515, pl. 16 figs. 8a-c (Vierwaldstætter-See); 1913, 218, 224, 233, 253-254, pl. 2 figs. 9-11.

limnectica Daday, 1911, v. 29, 483-484, pl. 1 figs. 11-15; 1911, v. 19, 509-511, pl. 15 figs. 4a-e (Vierwaldstætter-See); 1913, 219, 224, 233, 249-250, 251, pl. 1 figs. 11-15.

limnobia Daday, 1911, v. 29, 482-483, pl. 1 figs. 7-10; 1911, v. 19, 507-509, pl. 15, figs. 3a-d (Vierwaldstætter-See); 1913, 217, 218, 224, 232, 233, 245, 247-249, pl. 1 figs. 7-10.

uncata Daday, 1911, v. 29, 488-489, pl. 2 figs. 14-15; 1911, v. 19, 515-516, pl. 16 fig. 9a-b (Vierwaldstætter-See); 1913, 217, 218, 220, 224, 228, 233, 241, 254-255, pl. 2 figs. 14, 15.

LINEOLA Kœll., 1845b, 86-88 (type probably sieboldii) [compare *Lineola* Bær, 1827, polyg.].—Stiles & Hass., 1905b, 116.

obtusicauda Bast., 1865c, 173 (for *obtusocaudata*) (to *Phanoglene*).

obtusocaudata Kœll., 1845b, 88 (marine; Messina).

rosea Kœll., 1845b, 88 (marine; Messina).

sieboldii Kœll., 1845b, 88 (marine; Messina).

LINHOMÆUS Bast., 1865c, 154-155, 178 (tsd. hirsutus).—Man, 1907, v. 10, 239-240; 1907, MSz, v. 20, 74 (subg. *Eulinhomœus*, type *elongatus*; *Paralinhomœus*, type *lepturus*; *Linhomœus*, type *hirsutus*).—Stiles & Hass., 1905b, 116.—Villot, 1875a, 462.—See also *Linhomomius*.

attenuatus Man, 1907, v. 10, 241 (free; Ierseke) to (*Paralinhomœus*); 1907, MSz, v. 20, 33, 78-81, 87 (Zealand).

elongatus Bast., 1865c, 155, pl. 12, figs. 180-181 (tide-pools; Falmouth).—Man, 1907, MSz, 74, 76, 77, 79, 87, to (*Eulinhomœus*) (Zealand); 1907, v. 10, 239.—Villot, 1875a, 465 (Eng.).

LINHOMÆUS—Continued.

hirsutus Bast., 1865c, 154–155, pl. 12 figs. 178–179 (tide-pools; Falmouth).—Büetsch., 1874b, 267–268, figs. 15a–b (Austernbænke; bei Sylt).—Man, 1907, MSz, v. 20, 74 type of (*Linhomæus*).

lepturus Man, (1906) 1907, v. 10, 240, 241, 242 (free; Zealand, Eng.) to (*Paralinhomæus*, type); 1907, MSz, v. 20, 33, 71–78, 82, 83, 87, 90, pl. 4, fig. 15 (free; Zealand, Falmouth); 1907, 79, 80.

linurus Savelev, 1912, 120 (to *Paralinhomæus*) (im Schlamm mit Steinen; Kalfjörd; Catharinahafen).

mirabilis Büetsch., 1874b, 269, figs. 17a–d (in Kieler Bucht).—Man, 1907, MSz, v. 20, 74 to (*Linhomæus*).—Villot, 1875a, 466 (Kiel).

obtusicaudatus Man, 1907, MSz, v. 20, 74 (to *Linhomæus*).

tenuicaudatus Büetsch., 1874b, 268, figs. 16a–d (in Kieler B.).—Man, 1907, 78; 1907, v. 10, 240.—Villot, 1875a, 466 (Kiel).

LINHOMOMIUS Bast., 1865c, 94, 178 (corrected to *Linhomæus*).—Stiles & Hass., 1905b, 116.

LINISCUS Duj., 1845a, 4, 29–30 (mt. exilis) [not *Liniscus* Lefèvre, 1885, insect; *Liniscus* Hæck., 1880, coelenterate].—Carus, 1863, v. 2, 463 (subg. of *Trichosomum*).—Eberth, 1863a, 44.—Stiles & Hass., 1905b, 116.

exilis Duj., 1845a, 29–30 (in *Sorex tetragonurus*; Rennes).

LINOMORFI Criv., 1845a, 6 (of Brera; order, contains *Anchilocephali*, *Foxocephali*).

LIORHYNCHUS Rud., 1801a, 49 (mentions *Asc. tubifera*, *A. truncata*, *A. pulmonalis*, *Gœzia inermis*) (? type *truncatus*); 1802a, 15, 44; 1809a, 5, 18, 30, 32, 247, pl. 12 fig. 1; 1819a, 62, 307.—Blainv. 1824a, 517; 1828, 548.—Brems., 1824, 129.—Burm., 1837, 535.—Cat. RC SL, 1830, 44.—Crep., 1839a, 283 (*Liorr.*).—Cuv., 1817a, 35.—Dies., 1839a, 221, 222, 227.—Deslgch, 1824dd, 495–497; 1826c, 443–444.—Duj., 1845a, 282.—Fischer, 1840, 155.—Hémont, 1827a, 8.—L'Herminier, 1826a, 10.—Joy, 1835a, 504.—Kreffit, 1871a, 210.—Lam., 1816b, 201–202.—Mol., 1857a, 152.—Nordm., 1840a, 645–646.—Oken, 1815a, 186.—Rail. & Henry, 1915, 274.—St. Joseph, 1900a, 230.—Schneid., 1866, 13, 15, 78.—Stiles & Hass., 1905b, 116, 117 (type ? *truncatus*).—Wallenstedt, 1847a, 8.—Westwood, 1851, 645.—See also: *Ciorhynchus*, *Liorhynchus*, *Lyorhynchus*.

denticulatus Rud., 1809a, 249–250, pl. 12 figs. 1–2 (s. *Cochlus inermis*, *Gœzia inermis*) (in *Murena anguilla*; by Gœze); 1810a, 256; 1814a, 94 (in Aal); 1819a, 62, 307–308.—Blainv., 1828a, 548 (in anguille).—Brems., 1824, 129.—Crep., 1839a, 283 (in Aal).—Duj., 1845a, 284.—Krøyer, 1846–53a, 641 (in *Anguilla migratoria*).—Lam., 1816, 202.—Nordm., 1840, 646 (s. C. i.).—Oken, 1815a, 186–187.—Olfers, 1816a, 52.—Rail. & Henry, 1915, 274.—St. Joseph, 1900a, 230 (in A.).—Schneid., 1866a, 79, 102.

gracilescens Rud., 1809a, 248–249 (s. *Asc. tubifera*, *urksuk*, *Echinor. tubifer*, *Proboscidea bifida*) (in *Phoca barbata*; by Fabr.); 1819a, 62.—Blainv., 1828a, 548 (in phoque).—Cobbold, 1879b, 314 (in P. b.).—Cat. RC SL, 1830, 44 (in *Calocephalus barbatus*) Crep., 1844a, 128.—Duj., 1845a, 283–284 (s. *Asc. t.*, *E. t.*, *P. b.*) (in P. b.; Greenland).—Lam., 1816, 202.—Lühe, 1905b, 332–333 (s. *E. t.*).—Nordm., 1840, 646 (s. *A. t.*, *E. t.*).—Oken, 1815a, 186 (in *Phoca barbata*).—Olfers, 1816a, 52.—St. Joseph, 1900a, 230.—Also reported for *Erig-nathus barbatus*.

lepidopodis Dies., 1851a, 248 (see *lepidopus*) (in *Lepidopus argyreus* = *perronii*).

lepidopus Risso, 1826a, 260 [Lyor.] (in *lepidope*; App. été).—Dies., 1851a, 248 (in *Lepidopus argyreus* (*L. perronii* Risso); by Risso).—Also reported for *L. caudatus*.

[*oviflagellis* (Fourm., 1883) St. Joseph, 1900a, 230.]

truncatus (Rud., 1793) Rud., 1802a, 44–45 (in den Därmen des Dachses; by Rud.); 1809a, 247–248; 1819a, 62.—Blainv., 1828a, 548 (in Blaireau).—Duj., 1845a, 282–283 (in *Meles taxus*; Greifsw.).—Gieb., 1857a, 268 (in *Scolopax gallinula*, Dachs).—Lam., 1816b, 202.—Nordm., 1840a, 646 (in blaireau).—Oken, 1815a, 186.—Olfers, 1816a, 52.—Rail. & Henry, 1915, 274.—Schneid., 1866a, 79.—Stiles & Hass., 1905b, 117.—Also reported for *Ursus meles*.

uncinatus St. Joseph, 1900a, 227–231, pl. 1 figs. 11–14 (in *Loimia medusa*; Senegal).

vulpis Duj., 1845a, 283 (in *Canis vulpes*; Mus. Wien).—Dies., 1851a, 248 (s. *Str. decoratus*).—Mol., 1861a, 442 (18) (s. *noşoma semiarmatum*).—St. Joseph, 1900a, 230 (in fox).

- LIORRHYNCHUS** Olfers, 1816, 22, 52 (for *Liorhynchus* Rud.).—Burm., 1837a, 535.—Crep., 1844a, 128.—Stiles & Hass., 1905b, 117.
- LIORYNCHUS** Duj., 1845a, 282 (for *Liorhynchus*).—St.-Joseph, 1900, 228, 229-231.
- LISSONOMA** Linst., 1903k, 117-119 (mt. *rotundatum*) (misspelled *Lissonoma*, 119).—Rail. & Henry, 1910, v. 3, 154, 155 (so. *Aprocta* Linst.).—Stiles & Hass., 1905b, 117.
- rotundatum* Linst., 1903k, 117-119, figs. 16-20 (in *Centropus sinensis*; Siam).—Rail. & Henry, 1910, 154, 155 (to *Aprocta*).—Shipley, 1903l, 154.
- LISSONOMA** Linst., 1903k, 117, 118, 119 (misprint for *Lissonema*).—Stiles & Hass., 1905b, 117.
- LITOSOMA** Ben., 1873b, 21 (mt. *filaria*) [not *Litosoma* Douglas & Scott, 1865, hemipt.; *Litosomus* Lacordaire, 1866, coleopt.]; 1873c, 321-322.—Stiles & Hass., 1905b, 117.
- filaria* Ben., 1873b, 21, pl. 5 figs. 1-5 (in *Vespertilio auritus*; Belgium); 1873c, 321-322 (in V. a.).—Cobbold, 1879b, 294 (in *Cheiroptera*).—Also reported for *Plecotus auritus*, *Rhinolophus ferrum equinum*.
- LOA** Stiles, 1905, in Stiles & Hass., 1905b, 150 (tod. *Fil. loa*) (subg. of *Fil.*); 1907b, 34, 40, 42.—[Bajon 1777a, 325-329.—R. Bl., 1899e, 506 (in *Homo*; Congo; Coast of Angola).—Braun, 1915a, 308, 315.—Cast. & Chalm., 1910a, 407, 421; 1913a, 536.—[Cobbold, 1864b, 388.]—F., S., & T., 1916a, 409, 411.—Pearse, 1916, v. 6, 73.
- loa* (Cobbold, 1864) Cast. & Chalm., 1913a, 254, 532, 535-536, 691, 1442, 1655.—F., S., & T., 1916a, 409-414, figs. 290-296.—Leiper, 1913, 272-273, figs. 10-11.—Neum. & Mayer, 1914a, 70, 374, 391, 392, 393, 394, 395.—Rail., 1915, 749; 1915, 512.—Rogers, 1913, ATMP, v. 7, 363-365.
- species Rail., 1915, 510 (in *cheval*); 1915, 748 (in *horse*).
- LOBOCEPHALUS** Dies., 1838a, 189 (mt. *heterolobus*) [not *Lobocephalus* Kramer, 1898, arachnoid].—Cobbold, 1879b, 429.—Stiles & Hass., 1905b, 117 (see *Heterocheilus*).
- heterolobus* Dies., 1838a, 189 (in *Manatus australis*; Brazil); 1839a, 230 [nomen nudum, except for *habitat*]; 1851a, 209 (so. *Heterocheilus tunicatus*).
- LOMBRICOIDES** Mérat, 1821e, 225 (mt. *vulgaris*=*Asc. lumbricoides*).—Rans., 1911a, 24 (so. *Asc.*).—Stiles & Hass., 1905b, 117.
- vulgaris* Mérat, 1821e, 225 (see *Asc. lumbricoides*).—Stiles & Hass., 1905b, 117.
- LUMBRICI** (see *Lumbricus* and *Ascaris*).—Acharius, 1782, 28.—Anderson, 1859, v. 32 (377), 261-262 (in *horse's stomach*).—Batterbury, 1878a, 721.—Bell, 1885a, 475-477, 1 fig.; 1886a, 71-72.—Braun, 1894a, 932.—Conte, 1865a, 451.—Craur, 1865, 4.—Commelin, 1694, 4.—Dies., 1851a, 327 (of *Blasius*, 1674, renamed *Eustr. gigas*).—Egeberg, 1862, NML, v. 12, 76-77.—Frallianus, 1571.—Hofstra, 1839a, 337-338.—Hounsell, 1892a, 631.—Hutchinson, 1879a, 393-394.—Johnst., 1858a, 886-887.—Morland, 1857a, 409-417; 1857b, 65-75.—Petrans, 1837a, 143.—Porot, 1904d, 1082-1083.—Rabes, 1901, v. 13 (1-2), 239-352, figs. 1-7, pls. 3-11 figs. 1-77; 1902, 105-115.—Schelhammerus, 1687a, 19-22.—Shaw, 1901, 15.—Tauber, 1714.—Üde, 1887, 329.
- candidi* Steller, 1751 [nv.].—Dies., 1851a, 190 (so. *Asc. rytinæ*).—Cobbold, 1879b, 429 (caudidi for *candidi*, in *Rhytina stelleri*; by Steller).
- [*effractores* of authors.—Huber, 1896a, 585 (not as specific name).]
- teretes* Lister, 1731c, 132 (in *Homo*; York); 1749b, 133.—Alston, 1842, 92.—Braun, 1894a, 932.—Buxtorff, 1772, v. 7, 106-107.—Howell, 1845a, 35.
- terrestris* Linn. (see *Lumbricus*).—Leo, 1820a, 1-38, pls. 1-2; 1822a, 492-496.—Edwards, 1879, 61.
- vulgaris* Morren, 1829b, 1-280, pls. 1-32 (s. *terrestris*).
- LUMBRICOLA** Friedländer, 1895, v. 60 (2), 278 (mt. *vasorum*).
- vasorum* Friedländer, 1895, ZwZ, v. 60 (2), [263-264], 276-280, figs. (? 22-24), 25-26 (in blood vessel of earthworm, gen. sp. ?; by Friedländer).—Magal., 1905a, 316.
- Lumbricosis*.—Kermorgant, 1904g, 335-342; 1904h, 1455.—Schüpfer, 1904e, 473; 1904d, 899; 1904e, 192.—Variot, 1908, v. 12, 172.—Verdun, 1907, 322.—Westphalen, 1906, v. 3, 193-194.
- LUMBRICULUS** Aldrovande [nv.].—R. Bl., 1888a, 711 (so. *Oxyurus vermicularis*)

- LUMBRICUS* Linn., 1758a, 644, 647-648 (tsd. terrestris).—Alexander, 1570 or 1584; 1623, 178-188; 1584a, 443-468.—Alting.—Andry, 1741, 512, 584.—Apathy, 1893, 33-73, 319-361.—Aronis, 1728.—Baldinger, 1784, 54-56.—Bell, 1885a, 475-477, 1 fig.; 1886a, 71-72.—Benham, 1886a, 213-301, pls. 15-16 figs. 1-42; 77-108, pls. 8-9 figs. 1-43.—Berdot, 1772, 177-179.—Bergh, 1886a, 231-235 (gen. organs); 1886b, 608-609.—Beringer, 1744, 21.—Bloomfield, 1880, v. 20, 79-89, 1 fig, pls. 6-7 figs. 1-73.—Boree et Bidloo, 1715.—Borrichius, 1677, v. 4, 157.—Brumpt, 1910a, 608; 1913a, 397.—von Chur, 1772a, 1-100.—Le Clerc, 1715a, 16+1-456, pls. 1-13.—Cobbald, 1883, 855.—Cognetti de Martiis, 1904, v. 19, 1.—Cuv., 1798, 630-631 (mentions only terrestris).—Daly, 1790a, 1-53, pl. 1.—Dern, 1718a.—Desiderius, 1605a, 215-228.—Dies., 1851a, 59 (of Pall., so. *Sipunculus*).—Droste, 1839a, 97-102.—Dungl., 1893, 107, 651.—Faschius, 1685.—Francisco, 1883, 123.—Friedländer, 1888b, 1-56.—Gabucinus, 1549a, 1-219; 1597a.—Garz, 1640a.—Glyt, 1685a, 1-20.—Goschen (1699a), 1-23.—Griffith, 1910, v. 90, 338.—Gungl., 1904, 155-182, 1 pl; 1905, 315.—Gyser, 1797a, 203-204 [*Asc. lumbricoides*].—Havet, 1900a.—Herbst, 1787a, 13, 27-28.—Katsurada, 1899b, 728.—Knoch, 1862, 17.—Korschelt, 1895c, 9-19.—Kramer, (1753a), 1-43.—Lankester, 1865a, 7-18, pls. 2-3; 1865b, 99-116, 1 fig. pl. 6 figs. 1-8.—Lasius, 1668a.—Lente, 1850a, 167-169 (in stom.).—Leonus, 1576a, 1-572; 1583a, 1-714, pls. 1-5; 1597a, 1-1276, pls. 1-7.—Leydeckers, [1689a], 1-8.—Loeb & Smith, 1904, 4.—Loen, 1647a.—Lorinser, 1823a, 1-537, 1 pl.—M'Kinlie, 1749a, 1, 25.—Marcus, 1683a, 306-309.—Michaelsen, 1902b, 1-13.—Nash, 1883a, 770 (in pancreas).—Offredus, 1683a, 318-320.—Oks, 1883a, 337-338 (in liver); 1883c, 637; 1883d, 432.—Omond, 1856a, 1048-1049 (case).—Petrovsky, 1881b, 269-270 (perforation of intest. by).—Playfair, 1826a, 407-408 (cure).—Prichard, 1859a, 854-855 (case).—Rathke, 1799, 72.—Reitmeyer, 1673a, 1-16.—Rud., 1809a, 124 (so. *Asc. lumbricoides*).—Schacher, 1719a, 1-4.—Schelhammer, 1687a, 19-22.—Schneid., 1866a, 7.—Schrey, 1719.—Stein, 1861a, 42-43 (parasite of).—Stiles & Hass., 1905b, 118.—Tauber, 1714, 1-10.—Warenius, 1605, 218.—Was, 1790a, 473-484.—Williams, 1857a, 163; 1859a, 81.
- agricola* [author not verified].—Ruschhaupt, 1885a, 713-750, pl. 22 (gregarines of); 1885b.—Hoffm., 1903, 139-166, figs. 1-6, pl. 9 figs. 1-48 (gregarines of).—Langdon, 1894a, 114-117.
- alvum occupantibus* Lucius, 1694 [nv.].—Beddard, 1888, 420; 1887, 954; 1887, 953.—Bell., 1886, 71.—Benham, 1886, 444.—Celsus, 1567a, in 1-186.—Friedlander, 1889, 706.—Gabucinus, 1547a, in 1-56.
- aquaticus* Klein, 1755, 68 [nv.].—Villot, 1874a, 45 (to Gord.).
- arenarius* Müell., 1776, 216.—Herbst, 1787a, 30 (in Meersande).
- armiger* Müell., 1776, 215; 1788a, 22, pl. 22 figs. 4-5.—Herbst, 1787a, 30.
- canis* Werner, 1782a, 11-13 (in *Canis*).—R. Bl., 1888a, 704 (so. *Asc. mystax*).—Braun, 1906a, 336 (to A.).—Brumpt, 1910a, 348.—Cast. & Chalm., 1913a, 546.—Cat. RCSI, 1830, 42 (so. *A. marginata*).—Dies., 1851a, 181 (so. *A. marg.*).—Rud., 1809a, 138 (so. *A. marg.*).—Schneidem., 1896a, 322 (*Lumbrikus*).—Ward, 1895a, 301, 343 (so. *A. my.*) (in *Canis* fam.).—19031, 223 (to A.).
- canis renalis* Dies., 1851a, 327 (renamed *Eustr. gigas*) (quotes Redi).
- capitatus* Fabr., 1780, 279 [nv.].—Herbst, 1787a, 30 (in Sandufer und unter Steinen).
- ciliatus* Müell., 1774, 30.—Herbst, 1787a, 30 (im norwegischen Meere).
- cirratus* Müell., 1776, 215.—Herbst, 1787a, 30 (in Meersande).—Rathke, 1799, 81.
- communis cyaneus* Hoffmeister.—Waldenstroen, 1874a, 78-80 (in human vagina) (s. *Allolobophora turgida*).
- complanatus* [nv.].—Aducco, 1889, 54.
- cordis* (Reichard, 1759) Rud., 1810a, 357.
- echinurus* Linn., 1766, 146 [nv.].—Herbst, 1787a, 31.—Pall., 1781c, 63, 79.
- edulis* Pall., 1774, 10-12, pl. 1 fig. 7.—Herbst, 1787a, 31.—Dies., 1851a, 61 (to *Sipunculus*).
- fragilis* Müell., 1788a, 22, pl. 22 figs. 1-3 (quotes Prodrum).—Herbst, 1787a, 30.
- gordioides* Hartm., 1821a, 32-50 [nv.].
- gularis-sibirici* Dies., 1851a, 327 (so. *Eustr. gigas*) (quotes Pall., 1780, v. 14, 39).—Dolley, 1894a, 1001 (so. *Eustr. gigas*) (in coati, dog, glutton, Homo. horse, mink, marten, otter, ox, raccoon, seal, weasel, wolf).
- herculeus* [nv.].—Bosanquet, 1894a, 421-433, figs. 1-22 (gregarine of).

LUMBRICUS—Continued.

hydropicus. (See Cestoda.)

inæqualis Müell., 1776a, 216.—Herbst, 1787a, 30.

intestinalis van Hoorn, 1641a [nv.].—Coith, 1734, 1-16.—Daly, 1790a, 1-53.—Huber, 1896, 582.—Hurst, 1752a, 1-28, pl. 1.—Liston, 1905c, 207-208.—Pall., (1760a) 1768a, 258-269.—Silchmüller, 1762a, 1-8.

latus. (See Cestoda.)

latus intestinorum. (See Cestoda.)

lineatus Muell., 1774, 29.—Herbst, 1787a, 30 (am Ufer des Baltischen Meeres häufig im Moose).

longus Kratzenstein, 1748a, [1, description of plate], fig. 5 [nv.].

longus et rotundus Sérapion [nv.].—R. B1., 1888a, 661 (so. *Asc. lumbricoides*).

lupi Wepfer [nv.].—Mol., 1859, 935 (so. *Spiropt. sanguinolenta*).

marinus Linn., 1758a, 648 (in fundo maris sub arena).—Herbst, 1787a, 29.—Rathke, 1799, 76, 147, pl. 2 figs. A & B.

martis et canis renalis Dies., 1851a, 327 (so. *Eustr. gigas*) (refers to *Lumbricus* in *martis rene* of Redi, 1708a, 309, pl. 9 fig. 1).

melitensis Guthrie, 1799a, 397-409 (in arm of Homo; Russia).

minutus Müell., 1776, 216.—Herbst, 1787a, 30.

muris (Gmel., 1790), Rud., 1809a, 170 (so. *Asc. obtusa*) [nv.] (for *muris-domesticæ-minoris*).—Mol., 1860b, 938 (so. *Spiropt. obtusa*).

muris-domesticæ-minoris Werner, 1782a, 10-11 (in *Mus domestica minor*).

oxyurus Pall., 1774, 16-17.—Herbst, 1787a, 31 (in der See).

papillosus Müell., 1776, 216.—Fabr. 1799a, 151.—Herbst, 1787a, 30.—Rathke, 1799, 76.

phalloides Pall., 1774, 12-15, pl. 1 fig. 8.—Dies, 1851a, 61 (to *Sipunculus*).—Herbst, 1787a, 31.

renalis (Goeze, 1782a and Gmel., 1790a) Kuech., 1855a, 290 (so. *Str. gigas*).—Dungl., 1895a, 651.

renum canis Rud., 1809a, 210 (so. *Str. gigas*) (quotes Hartm., 1685, 149-152, who used de Lumbrico in *rene canis sanguineo* in 1705a, 149-152).—Cobbold, 1866, 6.—[Redi, 1684a, 208, pl. 8 figs. 1-4; 1708a, 308, pl. 8 figs. 1-4.]

rivalis Fabr., 1780, 278.—Herbst, 1787a, 30.

rotundus Cælius Aurelianus, [nv.].—Rauh, 1779a, 10.—R. B1., 1888a, 661 (so. *Asc. lumbricoides*).

sanguineus in rene canis Dies., 1851a, 327 (so. *Eustr. gigas*) (quotes Hartm., 1705a, 149-152, figs. 18-21).—Dolley, 1894a, 1001 (s. E. g.) (in coati, dog, glutton, Homo, horse, mink, marten, ox, otter, raccoon, seal, weasel, wolf).

teres Tyson, 1683b, 154-161, pl. 1 figs. 1-4 (in Homo) [*Asc. lumbricoides*]; 1700, 130-132; 1731b, 130-132, pl. 3 (in H.), figs. 22-25; 1749b, 131-133, pl. 3 figs. 22-25.—Alexander, 1833a, 319, 322; 1833b, 402, 405; 1836, 25, 26, 35, 38.—R. B1., 1888a, 661 (so. A. I.).—Blumenb., 1825a, 241 (in H.) (so. A. I.).—Clark, 1844a, 384-385 (discharged from urethra).—Dorsten, 1684a, 149.—Gmel., 1738a, 1-28 (in H.).—Mauchart, (1738a).—Posewitz, 1788a, 1-12.—Rauh, 1779a, 10.—Rud., 1809a, 124 (so. A. I.).—Schneid., 1866a, 5.—Vogel, 1772a, 644-645.

[*teres corporis humani* Redi, 1684a, 209, pl. 10 figs. 1-4; 1708a, 310, pl. 10 figs. 1-4.]

teres hominis Rud., 1809a, 124 (so. *Asc. lumbricoides*) (in Homo; by Tyson, 1683b, 154-161, figs. 1-4 [uses *L. teres*]).—Cobbold, 1866a, 5 (so. *lumbricoides*).—Dies., 1851a, 166-167 (so. A. I.).—Dungl., 1893a (1895a), 107, 651 (so. A. I.).

teres vituli Rud., 1809a, 124 (refers to Vallisnieri) (so. *Asc. lumbricoides*).

terrestris Linn., 1758a, 647-648 (in humo).—Boeck, 1841a, 273-274; 1843a, 287-288.—Clarke, 1857a, 343-351; 1857b, 1-9.—Fagge & Pye-Smith, 1902a, 461, 463 (and *Asc. lumbricoides*).—Herbst, 1787a, 28-29, pl. 3.—Juch, 1742.—Lankester, 1864b, 258-268, pl. 7 figs. 1-13; 1878a, 68-73, pl. 10 figs. 1-6, 10.—Leo, 1820a, 1-38.—Rathke, 1799, 72.—Rhind, 1829a, 139 (in Homo).—Robertson, 1867a, 157-158, figs. 1-2.—Rorie, 1863a, 106-109, pl. 8 figs. 1-4.—Wegelin, 1779a, 8-11 (in H.).

LUMBRICUS—Continued.

- thalassemia* Pall., 1774, 8-9, pl. 1 fig. 6.—Herbst, 1787a, 31 (in der See).
trapezoides Dugès.—Kleinenberg, (1878a); 1879a, 206-244, pls. 9-11 figs. 1-27.
tubicola Müell., 1776, 216.—Herbst, 1787a, 30.
tubifex Müell., 1774, 27-29.—Herbst, 1787a, 30 (auf dem Grunde der Bäche).
variegatus Müell., 1774, 26-27.—Herbst, 1787a, 29 (in Schlamm in Wäldern).—
 Blumenb., 1825, 241.—Hesse, 1902a, 620-622, 1 fig.—Iwanow, 1903a, 327-
 390, pls. 25-26, figs. 1-22; 1904a, 414-415.
vermicularis Müell., 1774, 26.—Herbst, 1787a, 29 (zwischen nassen Blättern und
 in feuchten Stuben).

LUMBRIKUS Schneidem., 1896a, 322 (for Lumbricus).

- Lungenfadenwürmer.—Wenner, 1916, DFZ, 33-34.
 Lungen- und Magenurmseuche.—von Kries, 1913, Zf Schafz.; 1914, BtW, 465.
 Lungenpalisadenwürmer.—Hut. & Mar., 1910b, 69.
 Lungenparasiten.—Hut. & Mar., 1910b, 67, 163.

Lungenwürmseuche.—Arndt, 1909 VJVBT Preuss., v. 8, 59 (intratracheal injection); 1910, BtW, 235.—Dehne, 1911, BVK Sachs., 60 (Rinder).—Fröhner, 1915a, 738.—Krasparek, 1900.—Knuth, 1912, ZFJ, 364-376 (des Wildes).—Linden, 1911, D. Jägers-Ztg., 619-637; 1912, v. 44, 619-627.—Migge, VJVBT Preuss., 37.—Olt, 1911, v. 87, 297-301 (Reh).—Reeker, 1910, 22-23.—Rich-
 ters, 1913, v. 13, 251-272, figs. 1-15.—Sallac, 1912, 43-56, 171-208, 437-441.—
 VJVBT, Preuss., v. 5 (2), 36-37.

Lungenwürmer.—Erg. Schl. Fleischbesch. Deutsch. Reiche im J. 1911, Berl., 1913.—Edelm., 1903, 215.—Linden & Zenneck, 1913, DtW, 558-560, figs. 1-8; 1915, CfB, 147-178, pls. 1-4 (development).

Lungenwurminvasion.—Miller, 1915, DtW, 549-552.

Lungenwurmkrankheit.—Hut. & Mar., 1910b, 67; 1913a, 72-89.—Fröner, 1915a, 738, 744, 745 (cattle, sheep), 746 (swine).—Joest, 1908, ZfPKHH, 201-215, pls. 11-12 (cattle).—Reeker, 1912, 25-27 (Rehwi'd).

Lung parasites.—Freeborn, 1916, Country Gentlem., 889.

Lung worms.—Cary, 1915, 47-48 (pigs).—Herms & Freeborn, 1916, 1-8, figs. 1-2.—Smith, 1916, 239.

LYORHYNCHUS Risso, 1826a, 260 (for Liorhynchus).

LYORHYNCHUS Schneid., 1866a, 13-15, 78 (for Liorhynchus Rud.).—Stiles & Hass., 1905b, 118.

denticulatus (Rud., 1809) Schneid., 1866a, 79, 102 (to Fil.).*lepidopus* Risso, 1826a (b), 260 (in intest. du lepidope Perron; App. été).

MACRACIS Gedöelst, 1916, Rza, 77 (tod. monhystrera) (Oxyuridæ).

monhystrera (Linst., 1902) Gedöelst, 1916, 77.

MACROLAIMUS Maupas, 1900a, 578-582 (tod. crucis); 1900, v. 8, 463-624, pls. 1-11.—Stiles & Hass., 1905b, 118.

crucis Maupas, 1900a, 578-582, pl. 26 figs. 4-10 (in terre sablonneuse; Sud-Oranais).—Stiles & Hass., 1905b, 118.MACROPOSTHONIA Man, 1880a, 58-59 (mt. annulata).—Stiles & Hass. 1905b, 118.
annulata Man, 1880a, 59 (in moist soil; Holland).—Stiles & Hass., 1905b, 118.

MALIS Sauvages.—Chisholm, 1815a, 152 ("Sauvages includes. under the generic name Malis, a number of insects which certainly have no relation to each other"); 1837a, 98.

dracunculus Chisholm, 1815a, 145-164; 1836a, 508-511, 641-645; 1837a, 98-102, 373-376, 557, 561.

MASTIGADES Zed., 1803a, 30 (misprint for Mastigodes).—Stiles & Hass., 1905b, 118.

MASTIGODES Zed., 1800a, 5-6 (=Trichuris, 1761, renamed; hence type hominis=trichiura).—Blainv., 1828, 539 (type lacertæ) (in Lacerta apodis).—Braun, 1903a, 278; 1908a, 311; 1915a, 330.—Deslgch., 1826e, 244.—Hall, 1916a, 20 (so. Trichuris).—Huber, 1896a, 590 (so. Trichoc. hominis).—Küech., 1855a, 235, 238.—Looss, 1902m, 756.—Raf., 1815a, 151 (genus of Filaridia).—Rans., 1911 (127), 111 (so. Trichuris).—Schneid., 1866a, 12.—Simon, 1897, 227.—Sl. & Sw., 1912a, 337.—Stiles & Hass., 1905b, 118.—See also Mastigades, Mastigoides.

MASTIGODES—Continued.

- affinis* (Rud., 1802) Zed., 1803a, 70 (in vervecis et agni intestino cœco).—Hall, 1916a, 28 (so. *Trichuris ovis*).—Rans., 1911 (127), 112 (so. T. o.).—Rud., 1809a, 92 (to *Trichoc.*).—Ward, 1895a, 334 (to *Trichoc.*) (in *Bos taurus*), 337 (in *Ovis aries*).
- apri* (Gmel., 1790) Zed., 1803a, 70 (in intestinis apri).—Rud., 1809a, 96 (so. *Trichoc. crenatus*).
- equi* (Schränk, 1788) Zed., 1803a, 70 (in Equus).—Rud., 1809a, 100 (= *Oxyuris curvula*).—Anacker, 1890h, 446.—Dies., 1851a, 141 (so. O. c.).—Nev.-Lem., 1912a, 683.—Ward, 1895a, 340 (to O.) (in E. cab.).
- hominis* (Schränk, 1788) Zed., 1803a, 69 (to *Trichuris*) (in Homo).—Baird, 1853a, 4.—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Chiaje, 1825a, 4 (so. *Trichoc. dispar*).—Rud., 1809a, 89 (so. T. d.).—Ward, 1903, 216 (so. *Trichoc. trichiurus*).
- lacertæ* (Schränk, 1788) Zed., 1803a, 71 (in *Lacertæ apod. intestinis*).—Rud., 1809a, 98 (so. *Trichoc. echinatus*).
- leporis* Zed., 1803a, 71, pl. 1 figs. 3–5 (in *Lepus intestino cœco*; teste Hollstein Beck, 1785a).—Baird, 1853a, 4.—Hall, 1916a, 24 (to *Trichuris*).—Nordm., 840a, 659 (so. *Trichoc. unguiculatus*).—Rud., 1809a, 93 (so. T. u.).
- muris* Zed., 1803a, 70–71 (in *Muris intestino cœco*; Gœze, 1782a, 119, pl. 7A figs. 1–5).—Hall, 1916a, 26 (to *Trichuris*).—Rud., 1809a, 97 (so. *Trichoc. nodosus*).
- simiæ* Zed., 1803a, 70 (in *Simiæ pat. et sylvan. intestino cœco*; Treutler, 1793a, 30–32, pl. 4 figs. 11–13).—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Rud., 1809a, 89 (so. T. dispar).
- spirillum* (Pall., 1781) Blainv., 1828a, 539 (in *Lacerta apoda*).
- vulpis* (Frœl., 1789) Zed., 1803a, 70 (in *Canis vulpes*; Frœl.).—Rud., 1809a, 94 (so. *Trichoc. depressiusculus*).—Ward, 1895a, 343 (in C. fam.).
- MASTIGOIDES** Lam., 1816, 212 (misprint for *Mastigodes*).—Stiles & Hass., 1905b, 118.
- MASTOPHORUS** Dies., 1853a, 34 (type probably *echiurus* [not *Mastopora Eichw.*, 1840, mollusk; *Mastigophora* Poey, 1832, lepidopt.]).—Seur., 1916, 358.—Stiles & Hass., 1905b, 119.
- echiurus* Dies., 1853a, 34 (in *Tenebrio molitor*).—Seur., 1916, 358.
- globocaudatus* Dies., 1853a, 34 (in *Geotrupes stercorarius*).—Seur., 1915, 563 (in G. s.); 1916, 325, 352, 358–359 (s. *Physoc. sexualatus*).—Stiles & Hass., 1905b, 119.
- MAUPASIELLA** Seur., 1913, BSHnA, 127–130 (2–5) (mt. *weissi*); 1917, CrSB, 350 (so. *Maupasina*).
- weissi* Seur., 1913, 127–130 (2–5), figs. 1–5 (in *Macroscelides rozeti*; Tunis); 1913, CrSB, 326–330 (to *Maupasina*); 1917, 350.
- MAUPASINA** Seur., 1913, CrSB, 326–330 (for *Maupasiella* Seur., not *Lacépède Infusoria*) (type *weissi*); 1917, CrSB, 350 (s. *Maupasiella* 1913) (*Heterakidæ*) (type *weissi*).
- weissi* (Seur., 1913) Seur., 1913, CrSB, 326–330, figs. 1–6; 1914, CrSB, 157; 1914, CrAS, 757; 1917, CrSB, 350–354, figs. 1–2 (in cecum of *Elephantulus deserti*; Matmata, Biskra, Bou-Saâda).—Hall, 1916a, 76.—Maupas & Seur., 1916, 617, 618.
- MECISTOCIRRUS** Rail. & Henry, 1912, BSpE, v. 5 (1), 37 (tod. *digitatus*) (subg. of *Nematodirus* [not *Mecistocercus* Fauv., mollusk]; 1912, 37–38.—Braun, 1915a, 347.—Nev.-Lem., 1914, v. 39 (7), 293, 295–296 (as genus).—Trav., 1914 (34), 5.—Ward, 1916, 698.
- didelphis* Trav., 1914, Bm, 326(5) to Nem. (M.) (in *Didelphys aurita*; Rio de Janeiro).
- digitatus* (Linst., 1906) Rail. & Henry, 1912, 37–38 to Nem. (M.), 39 to M. (in Bos; Sumatra).—Nev.-Lem., 1914, v. 39 (7), 295, fig. 2; 1914, 296.
- fordi* (Daniels, 1908; Leiper, 1911) Rail. & Henry, 1912, 38–39 to Nem. (M.) and to M. (s. *Str. fordii*, *Str. gibsoni*) (in Homo, *Sus scrofa*, *Bos taurus*; Hong-Kong).—Braun, 1915a, 348, fig. 299.—Ward, 1916, 698.
- MEDIORHYNCHUS** Van Cleave, 1916, 224–225, 230 (tsd. *papillosus*, designated by Van Cleave in letter to Stiles, Apr. 30, 1917).
- grandis* Van Cleave, 1916, 226–227, 230, pl. 39 figs. 11–14 (in *Quiscalus quiscula*, *Sturnella magna*; U. S. A.).
- papillosus* Van Cleave, 1916, 225, 230, pl. 38 figs. 4–9, pl. 39 fig. 10 (in *Myiochanes virens*, *Porzana carolina*).
- robustus* Van Cleave, 1916, 227, 230, pl. 39 figs. 15, 16 (in *Icteria virens*; Wash., D. C.).

- MELOIDOGYNE Gœldi, "1887, 67-68"; 1889a, 266; 1892a, 68 (tod. exigua).—Stiles & Hass., 1905b, 119.
- exigua* Gœldi, "1887"; 1889a, Feb. 23, 266-267; 1889b, 839-840; 1889, v. 4 (1), 262-267 (on coffee plants; Brazil); 1894, 452; 1894, 5, 6.
- MENAPETALONEMA Linst., 1878a, 72 (misprint for Monopetalonema).
- MENOPETALONEMA Dies., 1861a, 710 (misprint for Monopetalonema).
- MERMIDACEA Weinl., 1858a, 28 (f. for Mermis).
- MERMIDÆ Fedtsch., 1874a, 60 (f., contains Mermis).
- MERINTHODUM Kræmer, 1853a, 291-293 (proposed as an artificial collective group and as such it has no type species).—Stiles & Hass., 1905b, 119.
- mucronatum* Bugnion, 1878a, 249 (so. Mermis chironomi).—Daday, 1913, 265.
- mucronatum chironomi-plumosi* Kræmer, 1853a, 291-293, pl. 11 figs. 9-10, fig. 15 in text.—Stiles & Hass., 1905b, 119.
- MERMIS Duj., 1842a, 117-119 (mt. tod. nigrescens); 1842b, 256; 1842e, 129, pl. 6; 1845a, 294-295.—A. D., & E., 1901b, 8.—Assmuss, 1865, 48, 51-55.—Bail., 1866b, 6, 10.—Balss, 1908, 278.—Ben., 1858a, 1861a, 337.—Bertkau, 1888a, 91-92 (in Tarentula inquilina); 1889a, 638.—Braun, 1895b, 213; 1903a, 252, 253.—Burm., 1856a, 280.—Cam., 1881a, 152.—Carus, 1863, v. 2, 457.—Cast. & Chalm., 1910a, 427.—Chaussat, 1850, v. 1, 129.—Cobb, 1904, PCPS, v. 12, in 363-374, figs. 1-4; 1905, vi, 316.—Corti, 1902a, 106, 107, 110, 111, 112 (g. of Mermithidæ; contains albicans and nigrescens); 1906, 628.—Crepl., 1846b, 177.—Criv., 1845a, 4, 20, 21.—Daday, 1911, Mte, v. 29, 500; 1913, 266-267.—Dav., 1851a, cxiii-cxiv.—F., S., & T., 1916, 469.—Fedtsch., 1874a, 58-60.—Gadeau, 1885a, clx.—Gendre, 1909, v. 2, 106-108 (in Stegomyia fasciata); 1909, v. 7 (12), 544.—Hempel., 1912a, 101.—Kholodk., 1899a, 184.—Kollar, 1857a, 141.—Kœll., 1843a, 84.—Korff, 1907, v. 5, 67-69, fig. 1.—Krefft, 1871a, 210.—Küech., 1855a, 225.—Lab., 1857a, cxliii-cxlv (in Asilus crabroniformis); 1862a, 576-578 (in Dytiscus marginalis, Gryllus dom.); 1862b, 255-256 (in D. m.); 1864a, 678.—Leiper, 1912, v. 2 (1), 42.—Leuck., 1863a, 38, 79; 1867b, 14, 21, 24, 39, 43, 46, 53; 1876a, 615, 675; 1879a, 46, 176; 1886d, 35, 137.—Levander, 1904, v. 30, 133-134 (in Culex).—Linst., 1889m, 390-396, figs. 1-8; 1890b, 41; 1891b, 239-249, pl. 12; 1898e, 149-168, pl. 8 figs. 1-22; 1903o, 530; 1905o, 28-80; 1905t, in 355-366, 1 pl.; 1906, MzM, v. 3 (2), 241-248, figs. 1-2; 1907, v. 2 (3), in 1-56.—Lloyd, 1912, v. 2 (1), 41-42 (in Glossina morsitans).—Looss, 1892a, 27-28, 41, 62.—Martini, 1908, v. 32 (19), 559.—Meissner, 1854c, 421-428.—Montg., 1899a, 648.—Mordw., 1908, v. 13 (1-2), 154.—Olss., 1869b, 482, 487.—Pratt, 1916a, 218.—Rhode, 1893b, 41-42; 1892b, 659-664; 1893c, 41-42 (muscle and nerve).—Riley, 1878a, in 326-334, figs. 63-66.—Rollst., 1870a, cxxiv; 1888a, 677, 678, 679, 680, 684, 685, 686, 688.—Schmassm., 1914, ZA, v. 44, 396-406, figs. 1-7.—Schneid., 1860c, 243-252, pl. 6 figs. 13-18; 1866a, 26, 30, 176-177, 178, 182, 186, 188, 194, 200, 207, 208, 209, 210, 212, 215, 216, 217, 231, 243, 245, 249, 253.—Schultz, 1899a, 255-256; 1899b, 132-133, figs. 1-3; 1900a, 353.—Shipley, 1896a (1901b), 131, 150, 160, 163.—Sieb., 1853c, 201-206; 1854b, 8, 13.—Stiles, 1907b, 49; 1914, MM, v. 2, 271, 295.—Stiles & Hass., 1905b, 119.—Tarnani, 1901b, lxix-lxx (in Melolontha vulg.).—"T., H. J.," 1914, v. 26 (7-8), 186.—Villot, 1874a, 46.—Ward, 1903l, 224; 1916, 703.—Wasmann, 1898b 19 (in Claviger, Lasius alienus).—Wheeler, 1901, v. 35, 877-886.
- acidaliæ* Dies., 1861a, 610 (in Acidalia delutata; Greifsw.) [Crep., 1851b, 305].—Linst., 1878a, 310 (in Larentia dilutata).
- acrididarum* Linst., 1897i, 32 (larva in Orthocris sp., Stenobothrus sp.; Madagascar).
- acrididorum* Linst., 1898e, 158.—Berg, 1899a, 138.
- acridiorum* (Weyenb., 1879) Berg, 1899a, 138; 1899, v. 1 (1), 65-68 (in Schistocerca paranensis).
- acuminata* n. sp. Linst., 1883a, 301, fig. 44 (loc. unknown, apparently Turkestan); 1898e, 156-157.—Corti, 1902a, 107.—Daday, 1911, v. 29, 500-501.
- acuminata* (Rud. 1809) Sieb., 1843a, 82; 1850k, 335 (7); 1853c, 204 (so. albicans).—Crep., 1846b, 177 (in Cordylura pubera, Meloë proscarabeus, Tortrix).—Daday, 1913, 215, 267.—Dies., 1851a, 109-110.—Leidy, 1875e, 400 (Long Island, N. Y.); 1875a, 14-15 (in an apple, and in a child's mouth, see 1850f, 117); 1904a, 135-138.—Lintner, 1879a, 117-126 (5-14) (in Carpocapsa pomonella; N. Y.) (s. ? Fil., hominis oris).—Riely, 1878a, 327 (in Acridium americanum, Caloptenus spretus, C. p., Oedipoda carolina; U. S. A.), 332, 333, 334.

MERMIS—Continued.

- africana* Linst., 1898e, 161, figs. 17–19 (free; Togo, S. W. Africa).
- albicans* Sieb., 1848c, 292–295 (in *Yponomeuta cognatella*; by Sieb.); 1850k, 329; 1853c, 201–206 (in *Y. c.*; Germany); 1854b, 10, 11, 12, 13 (in *Y. evonymella*; by Sieb.); 1854, ZwZ, 205; 1855c, 143 (in *Athalia spinarum*, ?*Carpocapsa pomonana*, *Catocala sponosa*, *Cordylura pubescens*, *Cucullia tanacetii*, *Episema graminis*, *Euprepia caja*, *Gastropacha pruni*, *Gomphocerus biguttulus*, *G. morio*, *Liparis chrysorrhoea*, *Mamestra pisi*, *Mantis religiosa*, *Meloë proscarabæus*, *Notodonta ziczac*, *Penthina salicana*, *Pygæra bucephala*, *Succinea amphibia*, *Tortrix textana*, *Y. c.*, *Y. padella*, *Vanessa Jo*, *Zygæna minos*).—Amerling, 1859, 102–103 (in apples).—Assmuss, 1858, v. 2, 178–181 (in *Amara similata*, *Apis mellifica*, *Aporia cratrægi*, *Calpe libatrix*, *Chrysops cœcutiens*, *Ch. viduatus*, *Cossus ligniperda*, *Cucullia scrophulariæ*, *Ennomos alnaria*, *Hepiolus humuli*, *lepidoptera larva*, *Leucania album*, *L. pallens*, *Mamestra persicariæ*, *Mylabris variabilis*, *Odonestis potatoria*, *Oedipoda fasciata*, *Plusia gamma*, *Pyrrhocoris apterus*, *Stenobothrus rufus*, *Symomastes marginatus*).—Bahr, 1916, 107 (in honey bee).—Bail., 1866b, 27.—Ben., 1853, 317.—Bertkau, 1888, 91.—Bugnion, 1879, v. 16, 513–514 (in *Y. c.*).—Chittenden, 1905, 1–6, fig. 1 (in bees, beetles, *Carpocapsa pomonella*, caterpillars, crickets, *Discosteira carolina*, flies, grasshoppers, katydids, locusts, *Melanoplus differentialis*, *M. spretus*, *Schistocerca americana*, snails).—Corti, 1902a, 110, 112 (in lepidopt. larva).—Daday, 1913, 215, 225, 230, 239, 266.—Dav., 1851, 103.—Desmonceaux, 1868a, 18.—Frič & Vavra, 1901, 93.—Galeb, 1878b, 336.—Hagmeier, 1912, ZJ, 557–563, pl. 17 figs. 13–15, pl. 21 figs. 48–54 (in *Decticus*, *Forficula*, *Geophilus* sp., *Julus sabulosus*, *Limax agrestis*, *Smerinthus tilizæ*, *Stenobothrus*).—Hempelm., 1912a, 101, 108.—Junkel, 1900, EJ, v. 9, 186–187 (in *Hyponomeuta cagnagellus*).—Korff, 1907, v. 5 (6), 67–69, 1 fig.—Küech., 1855a, 227, 228, 347.—Leidy, 1856b, 58 (s. *elongata*, *crassicaudata*, *ferruginea*) (in *Orchelium gracile*, *Locusta carolina*; U. S. A.); 1904a, 105–106.—Lespès, 1856a, 336.—Leuck., 1867b, 55, 64, 74, 97.—Linst., 1892g, 498, 510 (s. *truncata*, *Fil. truncata*) (in *Nænia typica*); 1898e, 149–152, figs. 1–4 (in ?*Acidalia diluta*, *Agrotis brunnea*, *Amphidasys betularia*, *Ap. mel.*, *Cabera exanthemaria*, *Ca. lib.*, *Carpocapsa pomonana*, *Catocala nupta*, *C. paranympa*, *C. spo.*, *Cheiniatobia brumata*, *Cidaria berberata*, *Cordylura pubera*, *Cucullia* sc., *C. tan.*, *C. verbasci*, *Dasychira salicis*, *Diloba ceruleoc.*, *Ennomos illuminaria*, *E. juniperata*, ?*Epinephele tithonus*, *Epis. g.*, *Eup. caja*, *Gastropacha nevustria*, *G. p.*, *G. rubi*, *Gomph. big.*, *G. mo.*, *G. parapleurus*, *Gryllotalpa vulg.*, *Gryllus parallelus*, ?*Hadena polyodon*, *Hylotoma berberidis*, *Hyponomeuta evonymella*, *H. padi*, *H. variabilis*, *Liparis auriflua*, *L. chry.*, *Lophyrus obscuratus*, *L. socius*, *Mam. p.*, *Man. rel.*, *Meloë pro.*, *Næn. typ.*, *Notodonta dromedaria*, *N. z.*, *Ocnaria dispar*, ?*Oedipoda carolina*, *Orch. g.*, *Pent. sal.*, *Pontia cratrægi*, *Ptilophora plumigera*, *Pyg. buc.*, *Setina aurita*, *Stenobothrus pratorum*, *Stenopterus rufus*, *Su. amph.*, *Tenthredo ovata*, *T. spinarum*, *Tortrix heparana*, *T. textana*, ?*Trachea piniperda*, *Vanessa v.-album*, *V. antiopa*, *V. io*, *Zyg. min.*); 1903o, 529 (in *Agrotis orbona*, *Triphæna subsequea*); 1903u (1904a), 277 (13) (Caspian Sea).—Meissner, 1853a, 207–284, pls. 11–15 figs. 1–55; 1854b, 107–114; 1854c, 421–428.—Menge, 1866, 5.—Pauli, 1868a, 28.—Perez, 1866a, 278.—Rauther, 1906a, 1–76, pls. 1–3 figs. 1–26; 1906b, 672; 1907c, 69–71.—Riley, 1878a, 327–333, 334 (mature sexual form of acuminata, according to some authors) (in *Caloptenus spretus*, *C. differentialis*, *Lycosa*, *Stenobothrus*, *Y. cog.*).—Rhode, 1893, 41.—Schneid., 1866a, 20, 177, 178, 195, 209, 240, 258, 274, 305, 306.—Shipley, 1896a, 150 (in caterpillars).—Stein, 1861, 1–6.—Stiles, 1892n, 525.—Thoms., 1855a, 184 (in caterpillars).
- aquatilis* (Duj., 1845) Bugnion, 1878a, 247–255 (anat., blood corpuscles) (s. *lacustris*) (in larva of *Anopheles*, *Chironomus*, *Tanypus*); 1879, v. 16 (81), 181; 1879, 514; 1880, v. 17 (84), xl.—Corti, 1902a, 111, 112, 113 (s. *Fil. lacustris*) (to *Paramermis*).—Daday, 1913, 256.—Levander, 1904, v. 30, 134 (in *Tanypus*).—Linst., 1898e, 155–156, figs. 7–10 (Genfer See) (in *Tanypus nebulosus*).—Plotnikov, 1901, 247.
- arenicola* Lauterborn, 1906, v. 16 (5–7), 268 (free in water; Johanniskreuz in Pfälzerwald).—Hagmeier, 1912, 574–577, pl. 18 fig. 22, pl. 20 figs. 43, 43a.—Linst., 1907, v. 2 (3), 174.—Schmassm., 1914, ZA, v. 44, 396–398.
- arsenoides* Hagmeier, 1912, ZJ, 563–565, pl. 17 fig. 16, pl. 21 fig. 55.
- australis* Linst., 1898e, 161, figs. 14–16 (New Zealand).
- barbitistidis-autumnalis* Dies., 1851a, 111 (in *Barbitistes autumnalis*; Sieb., 1850k, 333, in Freiburg).

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- blattæ-orientalis* Dies., 1851a, 110 (s. Fil. rytipleurites) (in *Blattæ orientalis* larva; by Deslgch., 1824, 396).—Seur., 1916, 352.
- brasiliensis* Linst., 1898e, 159, figs. 11–13 (larva in Aranea; S. Brazil).
- brevis* Hagmeier, 1912, ZJ, 544–553, pl. 17 figs. 7–9, pl. 19 figs. 38–39, pl. 20 fig. 40 (in soil; Pforzheimer Fundplatz, Heidelberg).
- chironomi* Dies., 1851a, 111 (larva in Chironomus sp.; Sieb. 1848c, 299).—Bugnion, 1878a, 299 (s. Merinthoideum mucronatum).—Daday, 1913, 265.—Levander, 1904, v. 30, 134 (in Ch.).
- coccinellæ-septempunctatæ* Dies., 1851a, 110 (in Coccinella septempunctata; by Otto).—[Sieb., 1850k, 333 (4).]
- contorta* Linst., 1889m, 391–392, pl. 22 fig. 1 (free; by Linst.); 1898e, 154 (Gœtt.); 1905z, 393, 394 (to Paramermis).—Corti, 1906, 628, 629.—Daday, 1913, 215.—Hartmeyer, 1909, 84–85.—Kohn, 1905, v. 15 (3), 213, 214 (1, 2) (to Paramermis).—Plotnikov, 1901, 247.—Schneid., 1913, 31.
- costaricensis* Linst., 1898e, 162, figs. 20–22 (Costa Rica) [an Agamomermis].
- crassa* Linst., 1889m, 392–396, pl. 22 figs. 2–8 (free; by Linst.); 1892g, 500, 501, 506; 1898e, 153–154 (in Chironomus plumosus, Ch. ? leucopogon, Simulia reptans; Europe).—Daday, 1913, 215, 220, 225.—Hartmeyer, 1909, 84, 85, fig. 3.—Levander, 1904, v. 30, 134 (in C.).—Stiles, 1891g, 165; 1892n, 524–525, figs. 9–12 (in C. p.).
- crassicauda* Daday, 1913, 267 (for crassicaudata).
- crassicaudata* Leidy, 1851c, 263 (in a ditch; Penn.).; 1856b, 58 (so. albicans); 1904a, 63–64, 106.—Daday, 1913, 215, 267 (crassicauda).—Linst., 1898e, 157 (Phila.).
- dectici-brevipennis* Dies., 1851a, 111 (in Decticus brevipennis; by Sieb., 1850k, 333 (5)).
- drassi* Linst., 1883a, 302, pl. 9 fig. 45 (in Drassus sp. ?; Turkestan); 1898e, 159. (T.).
- elegans* Hagmeier, 1912, ZJ, 553–557, pl. 17 figs. 10–12, pl. 20 figs. 41–41a, txt. fig. G (in Decticus, Stenobothrus, and free; Pforzheimer Fundplatz).
- elongata* Leidy, 1851c, 263 (in a ditch; N. J.); 1856b, 58 (so. albicans); 1904a, 63, 106.—Daday, 1913, 215, 267.—Linst., 1898e, 157 (N. J.).
- explicans* Fedtsch., 1874a, 58, 68, pl. 14 fig. 16 (See Durschankul, Turkestan).—Daday, 1913, 215, 268.—Linst., 1898e, 154 (? so. paludicola).
- ferruginea* Leidy, 1851c, 275 (from Brazil); 1856b, 58 (so. albicans); 1904a, 65, 106.—Daday, 1913, 215, 267.—Linst., 1898e, 157 (B.).
- formosa* Schmassmann, 1914, ZA, v. 44, 398–399, figs. 1–2 (Silsensee).
- gallerucæ-alni* (Dies., 1851) Dies., 1861a, 610 (in Galleruca alni; in Dania).—Linst., 1878a, 303 (in G. a.).
- gammari* Linst., 1892a, 324, 329, 342, pl. 15 figs. 11–12 (in Gammarus pulex; lng.); 1898e, 162 (in G. p.).—Hartmeyer, 1909, 85, fig. 5 (in G. p.).—Seur., 1916, 364 (in G. p.).
- gastropachæ-rubi* Dies., 1861a, 610 (in Gastropacha rubi; Greifsw.).—[Crep., 1851b, 304 (in G. r.; by Ploetz).]
- gomphoceri-elegantis* Dies., 1851a, 111 (in Gomphocerus elegans; by Charpentier).—[Sieb., 1850k, 334 (6).]
- gomphoceri-viriduli* Dies., 1851a, 111 (in Gomphocerus viridulus; by Imhof).—[Sieb., 1850k, 334 (6).]
- gracilis* Linst., 1906, v. 3 (2), 247, figs. 19–20 (larva in Raupen; E. Java).
- hominis oris* (Leidy 1850) F., S., & T., 1916a, 469.
- hyalinæ* Linst., 1891, v. 37, 245–248, pl. 12 figs. 11–14 (larva in Hyalina cellaria; Germany); 1898e, 160 (in H. c.; Braunschweig).
- indica* Schultz, 1899a, 132–133, figs. 1–3 (in Papilio helenus; India).
- involuta* Linst., 1906, v. 3 (2), 247 (Togo, Amedjowé, W. Africa).—Daday, 1913, 224.
- lacinulata* Schneid., 1866a, 177, 178 (loc. unknown), pl. 14 figs. 5–7.—Daday, 1911, Mte, v. 29, 501; 1913, 215, 217, 225, 267, 268.—Linst., 1898e, 156; 1902a, 227 (free; Coll. Breslau).—Stiles, 1892n, 525.
- lacustris* (Duj., 1845) Dies., 1851a, 112 (inter folia Nymphææ; Rennes).—Assmuss, 1865, 52 (to Fil.).—Corti, 1902a, 111 (so. Paramermis aquatilis).
- longissimus* Fedtsch. 1874a, 58–60, pl. 14 fig. 15.—Linst., 1898e, 158 (in Pachytylus migratorius; Turkestan).

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- mantidis-religiosæ* Dies., 1851a, 110–111 (in *Mantis religiosa*; Mus. Freiburg).—[Sieb., 1848c, 297.]
- matutina* Menge, 1866, SnG Danzig, 5–6, figs. 7–8 (in *Chironomus*); [1872], 2.
- micryphantidis-bicuspidati* Dies., 1851a, 112 (in *Micryphantes bicuspidatus*; by Sieb., 1848c, 296).
- mirabilis* Linst., 1903o, 527–529, figs. 1–4 (Wainæ Mountains in Oahu, H. I.).
- nigra* Linst., 1903o, 529, figs. 5–6 (larva from Zomba on Nyassa-See, S. Africa).
- nigrescens* Duj., 1842a, 117; 1842b; 1842e, 133–142, pl. 6 (Rennes); 1845a, 295–296 (in soil, in taupes; Rennes).—Assmuss, 1858, 178 (in *Pezotettix pedestris*; Finstermuenz-Passe), 181 (in *Plusia chrysitis*; Podolsk); 1865, 3.—Ben., 1856c, 3–4 (adult free); 1858a, 1861a, 277–278, pl. 24 figs. 10–23; 1861, 277–278, pl. 24 figs. 10–23.—Corti, 1902a, 110, 112 (in orthopt. larvæ).—Crep., 1846b, 177.—Daday, 1913, 220, 222, 223, 233, 235, 239, 266.—Desmonceaux, 1868a, 17.—Dies., 1851a, 108 (s. *Fil. liparidis-chrysorrhææ*, Gordii sp., *Mermis euprepiae-cajæ*).—Evans, 1915, 360.—Hagmeier, 1912, 566–574, pl. 18 figs. 17–21a, pl. 20 fig. 42.—Iliff, 1867a, xli.—Hempel., 1912, v. 7, 108.—Jäckel, 1867, 53.—Kœll., 1843a, 83.—Kræmer, 1858, 328–329.—Leuck., 1867b, 87, 96, 97.—Linst., 1892g, 498–512, pl. 28–29 figs. 1–14 (in *Arctia caja*, *Decticus brevipennis*, *Melolontha vulg.*, *Porthesia chrysorrhæa*, *Stetophyma grossum*, *Stenobothrus pratorum*, *S. variabilis*; near Gœtt.); 1893d, 188; 1898e, 152–153, figs. 5–6 (in ? *Barbistides autumnalis*, ? *Blatta orientalis*, ? *Coccinella septempunctata*, *Dect. brev.*, *D. verrucivorus*, *Euprepia caja*, ? *Galleruca alni*, *Gomphocercus parapleurus*, *G. morio*, *G. sibiricus*, ? *G. viridulus*, ? *G. elegans*, *Liparis chrysorrhæa*, *Locusta viridissima*, ? *Mantis religiosa*, *Melolontha vulg.*, *Oedipoda stridula*, *Sten. pr.*, *S. biguttatus*); 1903o, 527, 529 (in *Forficula acanthopygia*); 1905z, 393, 394, 395, 396.—Meissner, 1855, 8–47, pls.—Pauli, 1868a, 27.—Rans., 1909 (69), 19.—Schneid., 1860, 243–252; 1866a, 176, 177–178, 186, 193, 195, 208, 209, 248, 286, 292, 306, pl. 14 fig. 4, pl. 15 figs. 9–10, pl. 16 fig. 11.—Shipley, 1896a, 150 (in damp soil).—Sieb., 1850c, 662; 1850, 331–336; 1855c, 143; 1858, 328–329.—Southern, 1914a, 68 (Co. Mayo).
- nigricans* Leuck., 1867b, 53, 74 (for *nigrescens*?).
- notodontæ-dromedarii* Dies., 1851a, 111 (in *Notodontæ dromedarii* larva; teste Sieb., 1848c, 298, quotes Lyonet, v. 20, 31, pl. 37 fig. 15).
- novæ-zealandiæ* Cobb, 1904, PCPS, v. 12, 366, 368–369 (in fresh water; Lakes Taupo, Waikaremoana, New Zealand).
- nycteribiæ* Kolenati, 1857e, 67.—Speiser, 1900b, 29 (cf. *Arthror.*) (on *Nycteribien* (apparently *Penicillidia conspicua*; from Serbia); by Kolenati); 1901, 19.
- pachyderma* Linst., 1906, v. 3 (2), 248, figs. 23–24 (an *Aganomermis*, in *Schistocerca paranensis*; Buenos Aires).—Daday, 1913, 224.
- pachysoma* Linst., 1905t, 358–359, pl. 23 fig. 3 (in *Vespa germanica*; Coll. Shipley).
- paludicola* Linst., 1883a, 300–301, pl. 9 figs. 42–43 (apparently *Turkestan*); 1898e, 154 (s. ? explicans) (T.).—Corti, 1902a, 112.—Daday, 1911, Mte, v. 29, 501–502; 1913, 215, 218, 225, 267, 268.—Stiles, 1892n, 525.
- piscinalis* Linst., 1904o, 490 (in water; near Saratow); 1907, Apr., v. 2 (3), 174.—Daday, 1911, Mte, v. 29, 502; 1913, 216, 267, 268.
- polyodontis* Dies., 1861a, 610 (*Polyodontis spec. in larvæ* abdomine; Wien, Frauenfeld, 1853, 127).
- præmatura* Linst., 1897i, 32, pl. 4 fig. 13 (in *Stenobothrus* species; Madagascar); 1898e, 158 (in S.; M.).
- ptilophoræ-plumigeræ* Dies., 1861a, 610 (in *Ptilophora plumigera*; Wien, Frauenfeld, 1853b, 124).
- quadripartita* Linst., 1906, v. 3 (2), 247, fig. 18 (a larva in *Phasma*; Reunion Isl.).
- quadristriata* Menge, 1872, SnG Danzig, v. 3 (1), 1–2 fig. 1 (in Bernstein).
- rigidus* Baird, 1853a, 35 (Ing.); 1853, 19, pl. 30 fig. 2 (host and loc. unknown).—Dies., 1861a, 610 (*rigida*).—Kreft, 1871a, 211.—Linst., 1898e, 160.
- robusta* Leidy, 1856b, 58 (s. *Fil. lycosæ*) (in *Lycosa scutulata*, L. sp.; N. J. & Penn.).—Linst., 1898e, 159.
- rotundata* Linst., 1883a, 301–302 (apparently *Turkestan*); 1898e, 157(T.).—Daday, 1911, Mte, v. 29, 502; 1913, 215, 267, 269.
- setiformis* Linst., 1879a, 182–183, pl. 12 fig. 30 (host and loc. unknown); 1898e, 160.

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- sialidis* Linst., 1892a, 329-342, pl. 15 fig. 13 (in *Sialis lutaria*; lng.); 1898e, 162 (in S. l.; Gœtt.).—Hartmeyer, 1909, 85, fig. 4 (in S. l.).—Levander, 1904, v. 30, 134 (in S. l.).—Seur., 1916, 364 (in *S. flaviventris*).
- simulix-reptantis* Dies., 1851a, 111 (in *Simulia reptans*; Sieb., 1848c, 299).—Baylis, 1913, v. 17, 392.—Daday, 1913, 265.—Edwards, 1913, v. 17, 391-392.—Swinton, 1913, v. 17, 391-392.
- species Ben., 1853i, 317-325 (after a rain, from hanneton; Louvain).
- species Bertkow, 1888a, 91 (in *Tarentula inquilina*).
- species Crep., 1851b, 304-305 (in *Gastropacha rubra*; by Plötz).
- species Daday, 1910, SAW Wien, v. 119, 576 (Goz Abu Guma).
- species Kollar, 1857a, 141 (in *Laubfrosche*; by Erbe).—Dies., 1861a, 611 (in *Dendrohyas viridis*).
- species Lab., 1857a, cxliii-cxliv (in *Asilus crabroniformis*; Remiremont).
- species Lab., 1862a, 577-578 (in *Dytiscus marginalis*; Coll. Lab.), 576-577 (in *Gryllus dom.*; Agen, Lot-et-Garonne).
- species Lab., 1862b, 255-256 (in *Dytiscus marginalis*).
- species Lab., 1864a, 678 (in *Mantis*; New Caledonia).
- species Lauterborn, 1904 (for 1903), 118-119 (free; bei Johanniskreuz) (see *arenicola*).
- species Lauterborn, 1906, v. 16? (5-7), 268 (in *Hyla arborea*).
- species Linst., 1883a, 302 (in *Latrodectes* sp.).
- species Sieb., 1848c, 299 (larva in *Chironomus*).
- species Strickland, 1911, v. 21 (5), 307-318; figs. 5, 7, 9 (in larva of *Simulium hirtipes*; Mass.).
- species Wheeler, 1901, Amer. Nat., 880-883 (in *Pheidole commutata*; Tex.), fig. C.
- spiralis* Baird, 1853a, 35, pl. 1 fig. 1 (in grasshopper; Rio de Janeiro).—Dies., 1861a, 609 (in *Locusta* sp.; R. de J.).—Linst., 1898e, 158 (in *Locusta*; R. de J.).
- subtilis* Schmassm., 1914, ZA, v. 44, 399-401, figs. 3-4 (Luenersee).
- succineæ* (Dies., 1851) Assmuss, 1865, 52 (to Fil.) (so. *Mermis albicans*).
- tenerrima* Crep., 1851b, 305 (in *Acidaliæ delutata* larva; by Crep.).
- tenuissima* Crep., 1851b, 305 (in *Acidaliæ delutata* larva; by Crep.).
- tenuis* Hagmeier, 1912, ZJ, 541-544, pl. 17 figs. 5-6, pl. 19, figs. 37-37a, Txt., fig. C.
- terricola* Hagmeier, 1912, ZJ, 535-540, pl. 17 figs. 1-4, pl. 19 fig. 36, Txt. figs. A-B (in soil; Am Pforzheimer Fundplatz).—Schmassm., 1914, ZA, v. 44, 401.
- tracheæ-piniperdæ* Dies., 1861a, 610 (in *Trachea piniperda*; Wien, Frauenfeld, 1853b, 128).
- truncata* (Rud., 1809), Sieb. [nv.].—Linst., 1892g, 510 (so. *albicans*).
- truncatula* (Rud., 1819) Dies., 1861a, 609 (in *Phalangium cornutum*, P. opilio; Europe).—Linst., 1898e, 158 (in P. c., P. o.).
- MERMITHEA** Dies., 1861a, 605 (f. of *Nematoda aptota*; contains *Mermis*, *Sphæru-laria*).—Assmuss, 1865, 51-55.—Carus, 1863, v. 2, 465 (f., contains M.).
- Mermithes** Meissner, 1854b, 107-114 (refers to *Mermis albicans*).
- MERMITHIDÆ** Braun, 1883a, 160.—Cast. & Chalm., 1913a, 522, 543.—Corti, 1902a, 112-113 (contains *Mermis*, *Paramermis*, *Hydromermis*).—Daday, 1911, v. 29 (3), 450-514, pls. 2-5, figs.; 1913, v. 27, 214-281 (contains *Neomermis*, *Mesomermis*, *Limnomermis*, *Pseudomermis*, *Bathymermis*, *Param.*, M., *Hydrom.*, *Eumermis*); 1914, JRMS, 173-174.—F., S., & T., 1916a, 469.—Hartmeyer, 1909, 84-85, figs. 1-5.—Leuck, 1886d, 90.—Rollest., 1888a, 686.—Shipley, 1896a (1901b), 150, 163.—Sl. & Sw., 1912a, 312.—Stiles, 1907b, 50; 1907c, 53; 1914, MM, v. 2, 296, 297.—Ward, 1916, 692.
- Mermithide** Schmassm., 1914, ZA, v. 44, 404.
- species Schmassm., 1914, v. 44, 404-405, fig. 7 (genus uncertain) (*Silvaplannersee*).
- Mermithiden** (German vernacular name for *Mermithidæ*).—Hagmeier, 1912, ZJ, v. 32 (6), 521-612, figs. a-g, pls. 17-21 figs. 1-55.—Daday, 1913, v. 27 (3), 214-272; (4), 273-281, pls. 1-4 (fresh water).—Hofmæn., 1913, v. 20, 282-286, fig. 1.—Schmassm., 1914, ZA, v. 44 (9), 396-406, figs. 1-7.
- MERMITHINÆ** Corti, 1906, 631 (contains *Mermis*, *Neomermis*, *Paramermis*).

- MERMITIDÆ** Claus, 1885a, 297 (f. of Nematodes) [see also Mermithidæ].—Mordw., 1908, v. 13 (1-2), 147.—Stiles, 1907b, 50; 1907c, 53; 1914, MM, v. 2, 296, 297.
- MEROMYAIRES** Galeb, 1878b, 308, 311, 380 (see Meromyarii).
- MEROMYARI** Schneid., 1866a, 23-29 (contains Nematoxys, Oxsosoma, Oxyuris, Labiduris, Dermatoxys, Atractis, Spiroxis, Str., Pelodera, Leptodera), 199, 331.—Cobbold, 1879b, 4.—Rollest., 1888a, 677, 686.—Shipley, 1896a (1901b), 129, 137, 142.
- MESOMERMIS** Daday, 1911, Mte, v. 29, 491; 1911, v. 19, 516-517; 1913, 243, 257 (type ?) (Mermithidæ).
- lacustris* Daday, 1911, v. 29, 491-492, p. 3 figs. 1-2; 1911, v. 19, 517-518, pl. 16 figs. 10a-b (Vierwaldstetter-See); 1913, 224, 233, 257-258, pl. 3 figs. 1-2, 259.
- virginiana* Cobb, 1914, TAMS, v. 33 (2), 117-119 (38, 83-85, 96, 98), pl. 7 fig. '18, pl. 8 fig. 24 (in cranberry bog; Arlington Farms, Va.).
- zschokkei* Daday, 1911, v. 29, 492-493, pl. 2 figs. 12-13; 1911, v. 19, 518-519, pl. 16 figs. 11a-b (Vierwaldstetter-See); 1913, v. 19, 223, 238, 232, 258-259, pl. 2 figs. 12, 13.
- METALINHOMÆUS** Man, 1907, 241-242 (mt. typicus); 1907, v. 20, 33, 81 (tod. typicus).
- typicus* Man, 1907, v. 10, 242 (Côtes de l'Escaut Oriental, Ierseke); 1907, v. 20, 33, 82-84, 87, pl. 3 fig. 16e, g, i, pl. 4 fig. 16, 16a, d, f, h (free; E. O., I.).—Savelev, 1912, 119.
- METASTRONGYLIDA** Mol., 1861a (b), 437, 587 (13, 163) (f., contains Metastr., Prosthecosacter).
- METASTRONGYLIDÆ** Leiper, 1908 (3), 190, 191 (contains Trichostrongylinae, Metastrongylinae).—Hall, 1916a, 106, 107, 162, 168, 177; 1916b, 518.—Lane, 1917, IJMR, 422, 423.—Rail., 1915, 505, 506; 1915, 744, 747.—Rail. & Henry, 1910, 311; 1912, 563.—Trav., 1914, Bm, 325 (3, 4).
- METASTRONGYLINÆ** Leiper, 1908 (3), 191 (contains Metastr., Protostr., Pseudalius, Pharurus).—Brumpt, 1910a, 363; 1913a, 427.—Cast. & Chalm., 1913a, 551.—Hall, 1916a, 162-163; 1916, RMv, 519.—F., S., & T., 1916a, 432.—Lane, 1917, IJMR, 422, 423.—Nev.-Lem., 1912a, 643.—Rail. & Henry, 1909a, 85-88; 1909b, 168; 1910, 311; 1912, 563, 564, 566 (contains Filaroides, Crenosoma, Dictyocaulus, Metastr., Synthetocaulus, Hæmostr.).—Rans., 1911a, 14, 26, 47-49, 54, 69, 82, 86, 98, 99 (subf. of Strongylidæ, contains Metastr., Hæmonchus, Ostertagia, Cooperia, Nematodirus, Trichostr.), 124.—Trav., 1914, 3.—Ward, 1916, 697.
- METASTRONGYLOIDEA** Lane, 1917, IJMR, 422 (superf. of Strongylata).
- METASTRONGYLUS** Mol., 1861a(b), 437, 588-594 (13, 164-165, 168-169) (tsd. paradoxus cf. apri).—Braun, 1915a, 344.—Brumpt, 1910a, 333, 471; 1913a, 533.—F., S., & T., 1916a, 432.—Gedølst, 1911a, 116.—Hall, 1916a, 150, 158, 162.—Nev.-Lem., 1912a, 644.—Pearse, 1916, v. 6, 480.—Rail. & Henry, 1907, CrSB, 751-752; 1909a, 86, 87; 1912, 566.—Rans., 1911a, 47, 124.—Sl. & Sw., 1912a, 324-325, 376.—Stiles, 1902hh, 185 (type paradoxus); 1903k, 14; 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 119.—Trav., 1914, 4.—Ward, 1916, 697.
- apri* (Gmel., 1790) Rail. & Henry, 1907a, 751 (s. Str. paradoxus) (in Homo, porc dom., sanglier).—Braun, 1915a, 344, fig. 296.—Brumpt, 1910a, 471.—Cast. & Chalm., 1910a, 430, 499.—Craig, 1915, 507 (treatment).—Daniels, 1914a, 141.—F., S., & T., 1916a, 432, 433, fig. 308.—Gedølst, 1911a, 116, fig. 153 (in swine, sheep, man).—Hut. & Mar., 1913b, 74.—Leiper, 1913, 280.—Mote, 1914, 29, 31, 42, 43, fig. 12.—Nev.-Lem., 1912a, 686.—Sl. & Sw., 1912a, 324, 325, 403, fig. 183.—Stiles, 1914, MM, v. 2, 302.—Ward, 1916, 697.
- arnfieldi* (Cobbold, 1884) Sl. & Sw., 1912a, 375, 403, fig. 205.
- brevivaginus* Rail. & Henry, 1907a, 751, 752 (in porc dom.; Ing.); 1911, 695 (in porc; Annam).—Braun, 1915a, 345.—Gedølst, 1911a, 116 (in hog).—Hut. & Mar., 1913b, 74 (in Hausschwein).—Nev.-Lem., 1912a, 687.—Rail., 1915, 744 (in pig); 1915, 505.—Wolffh., 1911, 62.
- costellatus* (Duj., 1845) Mol., 1861a (b), 592 (168) (in Lemmus arvalis).—Hall, 1916a, 150 (to Heligmosomum).—Stoss., 1899d, 88 (34) (s. Str. polygyrus).
- depressus* (Duj., 1845) Mol., 1861a (b), 593 (169) (in Sorex tetragonurus; Rennes).—Stoss., 1899d, 82 (28).
- elongatus* (Duj., 1845) Rail. & Henry, 1911, BSPE, 695 (in porc; Annam); 1912, 563, 566.—Brumpt, 1913a, 533.—Rail., 1915, 744 (in pig); 1915, 505.

METASTRONGYLUS—Continued.

- filaria* Marshall, 1904a, 182 (in sheep; Montana).—Sl. & Sw., 1912a, 374, 403.
- gracilis* (Leuck., 1842) Mol., 1861a (b), 594 (170) (in *Myoxus glis*; Brigsavia).—Hall, 1916a, 153 (to *Heligmosomum*).—Stoss., 1898c, 86 (so. *Str. myoxi*); 1899d, 83 (29) (so. *S. m.*).
- lævis* (Duj., 1845) Mol., 1861a (b), 592 (168) (in *Lemmus subterraneus*, *Mus sylvaticus*, *Myoxus nitela*; Rennes).—Hall, 1916a, 153 (to *Heligmosomum*).—Stoss., 1899d, 88 (34) (so. *Str. polygyrus*).
- longevaginatius* (Dies., 1851) Mol., 1861a (b), 589–590, 630 (165–166), pl. 8 fig. 7 (in *Homo*; Clausiopoli).—R. Bl., 1888a, 740 (to *Str.*).—Leiper, 1913, 280, figs. 26–28.—Linst., 1878a, 1 (in *Homo*) (to *Str.*).—Rail. & Henry, 1907a, 751 (so. *apri*); 1912, 563.—Stoss., 1899d, 90 (36) (so. *S. paradoxus*).—Ward, 1895a, 331 (to *S.*) (in *H.*).
- micrurus* (Mehl., 1831) Sl. & Sw., 1912a, 374, 403.
- minutissimus* (Mégn., 1878) Sl. & Sw., 1912a, 374.—Hall, 1916a, 166 (so. *Synthe-tocaulus rufescens*).
- minutus* (Duj., 1845) Mol., 1861a (b), 593–594 (169–170) (in *Lemmus arvalis*, *L. subterraneus*, *Mus sylvaticus*; Rennes).—Hall, 1916a, 151 (to *Heligmosomum*).—Stoss., 1899d, 76 (22) (to *Str.*).
- paradoxus* (Mehl., 1831) Mol., 1861a (b), 591 (167) (s. *Gord. pulmonalis*, *Asc. filif. cauda rotundata*, *Asc. apri*, *A. bronchiorum suis-dom.*, *Fus. apri*, *Str. suis*, *S. elongatus*) (in *Sus scrofa dom.*; Paris, Ireland).—Braun, 1915a, 344.—Brumpt, 1913a, 533.—Hall, 1916a, 150.—Stoss., 1899d, 90 (36) (to *Str.*).—Ward, 1895a, 331, 337 (to *Str.*) (in *Homo*, *Ovis aries*); 19031, 219 (so. *S. apri*).
- polygyrus* (Duj., 1845) Mol., 1861a (b), 592–593 (168–169) (in *Lemmus arvalis*, *Mus sylvaticus*).—Hall, 1916a, 158 (to *Viannaia*).—Stoss., 1899d, 88 (34) (to *Str.*).
- pulmonaris* (Erc., 1859) Sl. & Sw., 1912a, 375, 403.
- pusillus* (Müell., 1890) Sl. & Sw., 1912a, 375, 403.
- rufescens* (Leuck., 1865) Sl. & Sw., 1912a, 374, 403.

METRASTRONGYLUS Trav., 1914, 4 (misprint for *Metastr.*).

MICROCEPHALUS Romanovitch, 1915, CrSB, v. 78 (14), 451–452 (tod. *longissime spiculatus*) [not *Microcephalus* Less., reptile; Latr. 1825, coleopt.; van der Wulp., 1873, dipt.].

longissime spiculatus Romanovitch, 1915, 451–452 (in intest. *Tarandus rangifer*; Tobolsk).

Microfilarie (see also *Microfilaria*).—Mathis & Léger, 1911, 431 (in *Buffelus indicus*, *Mus decumanus*).

Microfilaries (see also *Microfilaria*).—R. Bl., 1905, 525 (quotes Le Dantec).—Brumpt, 1910a, 435.—Gauthier, 1905, CrSB, v. 58, 632–634.—Léger, 1913, BSPE, v. 6, 359–367 (in birds; Haut-Sénégal et Niger).—Roussel & Fourcade, 1914, RmA, v. 2, 247–251 (in troops); 1914, v. 4 (3), 124–125.—Yakimoff, 1914, BSPE, v. 7 (3), 188–189 (dom. animals; Turkestan).

MICROFILARIA Cobbold, 1880k, 130–132 (*Micro-Filariae*) [collective group].—Bach, 1913, CfB, v. 70, 50–60.—Balfour, 1910, v. 5 (4), 642–645, 1 fig (Fil. *sanguinis equi africanus*); 1911, 351–352, pl. 17 fig. 3 (in blood of *Lepus hawkeri*; Jebel, on White Nile).—Berke, 1911, CfB, v. 58, 326–330, 1 pl. (in *Haushuhn*).—R. Bl., 1905, 525.—Brochard, 1910, v. 3 (3), 138–142 (in *Homo*).—Cardamatis, 1909, BSPE, v. 2, 268 (in birds); 1909, BIP, v. 7 (24), 1059; 1909, v. 17 (40), 367.—Carini & Maciel, 1917, 1–8; 1917, BIP, 411 (Brazil).—Cast. & Chalm., 1910a, 407, 408, 425, 448; 1913, 522.—Frœhner, 1915a, 433.—Fülleborn, 1908, v. 55 (24), 1307; 1909, BIP, v. 7 (7), 311; 1910, L, v. 179, 835; 1911, AST, v. 15, 368; 1912, CfB, v. 65, 349–352, fig. 1 (in dog); 1913, 1–72, pls. 1–8; 1914, CfB, v. 73, 427–444, fig. 1.—Gauthier, 1905, CrSB, 632–634; 1905, 635; 1905, (July 31) 582; 1905, June 30, 535–536; 1906, CfB, v. 37, 752.—Hall, 1916a, 179, 188, 189, 190.—d'Herelle & Seidelin, 1909, CrSB, 409–411, fig. 1 (in serpents).—Hut. & Mar., 1913a, 929, 933.—Kerandel, 1909, 204.—Küelz, 1914, v. 18, 248–250.—Léger, 1917, BSPE, v. 10, 100–109 (in *Ardea goliath*, *Gallinago nigripennis*, *Crateropus platycercus*; Senegal).—Magal., 1878b, 13–14.—Mans., 1880c, 130–140, pls. 8–10; 1907, 594.—Mathis & Léger, 1911, 434 (in *Turtur humilis*), 437 (in *Rana tigrina*).—Migone, 1916, BSPE, 363 (in *Caiman sclerops*, *Canis jubatus*, *Hydrochoerus capybara*, *Myocaster coypus*).—Pearse, 1916, v. 6, 491.—Pitaluga, 1912, v. 8 (30), 78–92 (Guinea española).—Rail., 1915, 509.—Rodenwaldt, 1908, AST, 389

MICROFILARIA—Continued.

- (Mikrofil.); 1909, v. 43 (9-12), 346-347; 1909, v. 13 (7), 215-220, pl. 4 figs. 1-6; 1914, v. 18 (6), 211 (Mikrofil.).—Rosenbusch, 1916, CfB, v. 43-45, 1 pl. (Argentina); 1917, TDB, 122.—Sl. & Sw., 1912a, 348.—Stiles, 1907b, 40, 46 (collective group of larval filaria in the blood); 1914, MM, v. 2, 271, 305.—Suldey, 1914, BSPE, v. 7, 70-71 (in caméléon).—Tribondeau, 1903a, 996.—Ward, 1916, 682, 689.—Yakimoff, 1916, BSPE, 219-226, pl. 7 figs. 1-5 (Turkestan); 1917, *ibid.*, v. 10, 105 (in *Rana viridis*).
- In Homo: Fülleborn, 1908, v. 4 (4), 101; 1908, DmW, v. 34, 853; 1908, v. 79, 542; 1909, CfB, v. 42, 801; 1912, v. 16, 533-547, 1 fig.
- bancofti* (Cobbold, 1877g) Mans., 1907, 4th ed., 594, 595, 597, 598, 601, 602, 644, 645, 646, 647, 678, 682, 683, 794, pl. 5 fig. 73, fig. 1, pl. 6 fig. 1, 35, fig. 74, a. c. d (in Homo).—Breinl, 1912, 18-23, pl. 6.—Cast. & Chalm., 1910a, 415, 424; 1913a, 530, 539.—Delanoe, 1914, BSPE, 123.—F., S., & T., 1916a, 398, 400, figs. 282-283.—Foley, 1913, v. 27 (1), 50-68, figs. 1-8, pl. 3 figs. 1-9.—Hut. & Mar., 1913a, 929.—Lebœuf & Javelly, 1911, v. 4 (4), 202-204.—Looss, 1914, v. 2, 442.—Mesnil, 1911, v. 4 (4), 204.—Nictot, 1910, v. 3 (6), 399-401.—Seur., 1916, 359.—Simond, Noc, & Aubert, 1909d, 320; 1909, v. 45 (6), 176-177.—Ward, 1916, 686.
- beaujeani* Mathis & Léger, 1911, 412, 432, pl. 14 fig. 13 (in *Athene cuculoides*; Tonkin).
- bouffardi* Mathis & Léger, 1911, 414, 433, pl. 14 fig. 14 (in *Pica caudata*; Tonkin).
- bourreti* Mathis & Léger, 1911, 413, 433 (in *Copsychus saularis*; Tonkin); 1911, CrSB, 61-62 fig. 4 (in blood of C. s.; T.).
- brimonti* Mathis & Léger, 1910, CrSB, v. 69 (24), 32 (in blood of *Ixus hainanus*; Tonkin); 1911, 412-413, 432, pl. 14 fig. 9 (in I. h.; T.).
- bufonis* (Leiper, 1908) Lebœuf & Ringenbach, 1910, Ad'IP, 950-951, pl. 17 fig. 1 (in *Bufo regularis*; Congo).—Seur., 1916, 359.
- bycanisti* Ringenbach, 1914, BSPE, 297-298 (in *Bycanistes albotibialis*; Congo).
- camelensis* Balfour, 1911, RWRL, 350.—Leiper, 1912, v. 1 (2), 114 (so. evansi).—[Mason, 1911, JCPT.]—Yakimoff & others, 1916, BSPE, 225, 226 (in chameau; Egypt).
- capsulata* (A., D., & E., 1901) Kerandel, 1909, v. 2, 208.
- chlamydosauri* (Breinl, 1912) Breinl, 1912, 47, pl. 10 fig. 4.
- demarquayii* (Galgey, 1899) Mans., 1907, 4th ed., 595, 644, 646-647, fig. 73c, pl. 5 fig. 4.
- demarquayi* (Mans., 1897) Looss, 1914, HdT, v. 2, 443.—Neum. & Mayer, 1914, v. 11, 68, 377.—Rodenwaldt, 1914, 1.—Ward, 1916, 682, 683, 688, fig. 4086.
- demarquayii* Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*; *Stegomyia fasciata*) (misprint for *demarquayii*).
- diurna* (Mans., 1891) Shipley & Fearnside, 1906b, 18 (so. Fil. loa).—Aubert & Heckenroth, 1913, BSPE, 457-459.—Burrows, 1910, v. 13 (4), 40-50 (relation to Fil. loa).—Cast. & Chalm., 1910a, 421; 1913a, 536, 538.—Daniels & Stanton, 1907a, 121.—Fanth., Steph., & Th., 1916a, 412, 414.—Foley, 1913, v. 27, 50-68, 1 pl. figs. 1-8.—Fülleborn & Kûelz, 1912, v. 16 (6), 197-198 (cf. loa).—Guiart, 1910a, 451.—Hut. & Mar., 1913a, 929.—Léger, 1914, 79 (Bamako, Fr. Sudan).—Mans., 1907, 4th ed., 677, 678, 684, 685.—Marchoux, 1910, v. 18 (98), 925.—Neum. & Mayer, 1914a, 374, 375, 377, 378, 379, 381, 387, 391, 394.—Ringenbach & Guyomarch, 1914, BSPE, 619-626.—Rodenwaldt, 1908, AST, v. 12 (10), 1-30 (389-418), pl. 1-4; 1909, MmW, v. 56 (14), 732; 1909, AST, v. 13, 215-220, pl. 1; 1909, CfB, v. 43 (9-12), 346-347; 1909, BIP, v. 7 (7), 306-310; 1909, DmW, v. 35 (17), 770; 1914, 1.—Seur., 1916, 359.—Stiles, 1907b, 42 (so. Fil. loa).—Ward, 1916, 682, 683, 686, 687, fig. 4086.—Zur Werth, 1909, MmW, 732.
- equi sanguinis africana* Balfour, 1910, JTMH, v. 13, 98; 1910, JTVS, v. 5 (4), 645 (for *Fil. sanguinis equi africana* Martini).
- evansi* (Lewis, 1882) Yakimoff & others, 1916, BSPE, 225, 226.
- gaidei* Mathis & Léger, 1911, CrSB, 60-62, fig. 2 (in *Leptotilus* sp.; Tonkin); 1911, 411, 435, pl. 14 fig. 6 (in L. sp.; T.).
- gigas* (Prout, 1902) Fülleborn, 1913, 315-316.—Looss, 1914, v. 2, 443.
- gymnorhinæ* Gilruth, Sweet, & Dodd, 1910, PRSV, v. 23, 236-239, pl. 30 figs. 1-3 (in *Gymnorhina tibicen*; Zool. garden, Melbourne, Australia).
- hæmorrhagica* (Rail., 1885) Romanovitch, 1916, CrSB, 744-745.

MICROFILARIA—Continued.

- immitis* (Leidy, 1856) Neum. & Mayer, 1914a, 370, 383, 406.—Yakimoff & others, 1917, BSPE, v. 10 (2), 102-104 (Russian Turkestan).
- [*imperatoris* d'Herelle & Seidelin, 1909, CrSB, v. 67 (29), [410], fig.]
- kerandeli* Brimont, 1909, CrSB, v. 67 (26), 170 (in blood of *Bradypus tridactylus*; Guyane).
- lasnei* Mathis & Léger, 1911, CrSB, 60-62, fig. 1 (in blood of *Coturnix maculosus*; Tonkin); 1911, 410, 435, pl. 14 fig. 8 (in *Turnix maculosus*; T.).
- loa* (Cobbold, 1864) Mans., 1907, 4th ed., 595, 644, 646, 679, 682, 683, fig. 73b, pl. 5 fig. 3, pl. 6 figs. 2, 4, 6.—Cast. & Chalm., 1910a, 423; 1913a, 536.—F., S., & T., 1916a, 398.—Fuëlleborn, 1914, AST, v. 18 (7), 232-234, 1 fig. pls. 3-4 figs. 1-3, 1-4.—Hut. & Mar., 1913a, 929.—Looss, 1914, v. 2, 442.—Meinhof, 1913, 1-62 (Klinik. Morphologie); 1913, AST, v. 17, 77-130 (5-58), pls. 1-8, figs.; 1913, AST, v. 17 (2), 73-130, figs. 1-2.
- magalhænsi* Moniz, 1913, Bm, 206 (for *magalhæsi*).
- magalhensi* Moniz, 1914, BIP, v. 12 (2), 71 (misprint for *magalhæsi*).
- marchouzi* Mesnil & Brimont in Brimont, 1909, CrSB, v. 67 (26), 170 (in blood of *Midas midas*; Guiana).
- martini* Lebœuf & Ringenbach, 1910, Adl'IP, 951, pl. 17 fig. 2 (in *Gerrhosaurus nigrolineatus*; Congo).
- matmatæ* Weiss, 1914, Adl'IP, Tunis, v. 9 [n.v.].—Seur., 1914, CrSB, 524 (probably larva of *Acanthocheilonema weissi*).
- mediænsis* (Linn., 1758) Neum. & Mayer, 1914a, 574.
- megalæmæ* Mathis & Léger, 1911, 411-412, 434, pl. 14 fig. 15 (in *Megalæma cyanotis*; Tonkin).
- midæ* Mesnil & Brimont in Brimont, 1909, CrSB, v. 67 (20), 170 (in blood of *Midas midas*; Guiana).
- mouzelii* Mathis & Léger, 1911, CrSB, 61-62, fig. 3 (in blood of *Garrulax perspicillatus*; Tonkin); 1911, 413, 433, pl. 14 fig. 7 (in G. p.; T.).
- ninæ kohl-yakimovi* Yakimoff, etc., 1914, BSPE, 192 (in *Equus cab.*; Turkestan); 1916, BSPE, 220-221, pl. 7 figs. 1-5 (in *ânes*); 1916, BSPE, 226 (in mulets).
- nocturna* (Mans., 1891) Shipley & Fearnside, 1906a (b), 17 (18) (so. Fil. bancrofti).—Brimont, 1910, BIP, 806.—Broquet, 1908, v. 1 (9), 563-564 (in Cochinchina).—Broquet & Montel, 1909, v. 2 (1); 1909, CfB, v. 44 (5), 142.—Cleland & Johnston, 1912, v. 2, 113 (so. F. b.).—Daniels & Stanton, 1907a, 121.—Guiart, 1910a, 454.—Léger, 1914, 79 (Fr. Soudan).—Mans., 1907, 4th ed., 599, fig. 74.—Mathis, 1909, v. 2 (3), 144-147 (Tonkin); 1909, v. 7 (7), 310-311; 1909, v. 31 (5), 487; 1914, 222, 226 (Indochine).—Mathis & Léger, 1909, 483, 485.—Milne, 1911, AST, v. 15, 357-380 (5-28), figs. 1-19; 1912, CfB, v. 52, 556.—Neum. & Mayer, 1914a, 68, 374, 375, 377, 378, 379, 383, 386.—Rodenwaldt, 1908, v. 12, in 1-30, pls. 1-4 (and diurna, cause of periodicity); 1908, 389; 1909, MmW, v. 56 (14), 732; 1909, BIP, v. 7 (7), 306-310; 1909, CPA, v. 20 (15-16), 749; 1909, DmW, v. 35 (17), 770; 1909, BIP, v. 7 (24), 1060; 1909, CfB, v. 45 (6), 185; 1909, AST, v. 13 (7), 215-220, pl. 4 figs. 1-6 (and diurna); 1909, CfB, v. 43 (9-12), 346-347; 1914, 1.—Stiles, 1907b, 44.—Tribondeau, 1903a, 996 (in *Homo*; Iles de la Société).—Ward, 1916, 682, 683, 690, figs. 4085, 4086-4089.—Yorks, etc., 1917, ATPM, 127-148, figs. 1-9.—Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*).
- nuda* Rodenwaldt, 1914, AST, v. 18, 12, 211, figs. 1-3, pl. 1 figs. 1-6 (in *Homo*; from Bessari).
- numidæ* Gedœlst, 1911a, 107 (in Guinea-fowl).
- ochmanni* (Fuëlleborn, 1909) Gedœlst, 1911a, 107 (in dog; German E. Africa).
- ozzardi* (Mans., 1897) Mans., 1907, 4th ed., 595, 644, fig. 73d.—Itefko, 1913, 594.—Looss, 1914, v. 2, 443.
- perstans* (Mans., 1891) Mans., 1907, 4th ed., 595, 644, 647, 795, fig. 73d, e, pl. 5 fig. 2, figs. 74A, a, b.—Aubert & Heckenroth, 1913, BSPE, v. 6 (6), 457-459 (therapeutics).—Cast. & Chalm., 1910a, 1132; 1913a, 1593.—Engeland & Manteufel, 1911, AST, v. 15, 721-727, pl. 1.—F., S., & T., 1916a, 414, 416, fig. 299.—Léger, 1914, 79 (Fr. Soudan).—Looss, 1914, v. 2, 442.—Lebœuf & Ringenbach, 1910, Adl'IP, 951-952, pl. 17 fig. 3 (in chimpanzé).—Mathis & Léger, 1911, 399.—Marotte & Morvan, 1912, AMPM, 1-62, 1912; 1914, BIP, v. 12 (2), 74-75.—Neum. & Mayer, 1914a, 68, 373, 377, 383, 396, 406.—Ringen-

MICROFILARIA—Continued.

perstans—continued.

bach & Guyomarc'h, 1914, BSPE, v. 7, 619–626 (transmission. and diurna).—Rodenwaldt 1914, 1.—Rodhain. 1915, 741.—Ward. 1916. 682, 683, 688, fig. 4086.—Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*).

perstasis Hut. & Mar., 1913a, 1136 (misprint for *perstans*).

philippinensis (Ashburn & Craig. 1906) Ashburn & Craig, 1909, JTMH. 167.—Craig, 1909, JTMH, v. 12 (16), 239–241, 256 (to Fil. (Microfil.)).—Cast. & Chalm., 1910a, 425; 1913a, 531.—F., S., & T., 1916a, 407.—Fülleborn, 1913, 315.—Gedöelst, 1911a, 107 (in man; P. I.).—Looss, 1914, v. 2, 444.—Mathis & Léger, 1911, 240 (in *Culex fatigans*).—Ward, 1916, 682, 689–690.

[*phyllostomæ* Cartaya, 1910, 503–509, to Fil. [Microfil.] (in *Artibeus perspicillatus*; Habana).]

plimmeri Hall, 1916a, 188, 189–190 (in *Nyctomys* sp.; Lond., quotes Plimmer, 1913).

plocæi Pittaluga, 1912, BInI, 77–92 (in *Homo*; Spanish Guinea) [nv.]; 1913, CfB, v. 56, 156.

powelli (Penel, 1905) Cast. & Chalm., 1910a, 425, 1200.—F., S., & T., 1916a, 407.—Fülleborn, 1913a, 315.—Gedöelst, 1911a, 107 (in man; Bombay).—Looss, 1915, v. 2, 443.—Ward, 1916, 682, 690.

romanorum (Verdun, 1907) Gedöelst, 1911a, 107 (blood in *Homo*; Roumaine).

rosenauri McCoy, 1911, P, v. 4 (3), 220–221, pl. 7 (in *Citellus beecheyi*; Cal.).—Hall, 1916a, 188–189, fig. 247 (in C. b.; Cal.).

sambucti Mathis & Léger, 1911, 409–410, 434, pl. 14 fig. 11 (in *Gallus ferrugineus*; Tonkin).

sanguinis equi Gedöelst, 1911a, 107 (in horse, Africa).

schizorhinos Ringenbach, 1914, BSPE, 298 (in *Schizorhis* [for *Schizorhinos*?] *cristata*; Congo).

seguini Mathis & Léger. 1909, CrSB. v. 67 (29), 407–409, 1 fig. (in blood of poule [Gallus dom.]; Hanoi); 1909, BIP, v. 7 (24), 1059; 1910, Rv, v. 35 (1), 35; 1910, JRMS, (1), 36; 1910, JTVS, v. 5 (2), 348–349, 1 fig.; 1910, Snv Torino, v. 59 (8), 175; 1911, 407–409, 434, pl. 14 figs. 1–4 (in G. d.; Tonkin).—Gedöelst, 1911a, 107 (in chickens; T.).—Nev.-Lem., 1912a, 808 (in poule; T.) (to Fil.).

species Carini & Maciel, 1916, BSPE, v. 9 (4), 247–255 (in *Aaptus chopi*, *Brachyspiza capensis*, *Cacicus chrysopterus*, *Chamaea brevicauda*, *Colaptes campestris*, *Columba rufina*, *Cranioleuca pallida*, *Embernagra platensis*, *Geothlypis æquinoctialis cucullata*, *Neopelma aurifrons*, *Odontophorus capueira*, *Pachyrhamphus rufus*, *Pachysylvia poecilotis*, *Rhamphastos dicolorus*, *Sporophila coerulescens*, *Turdus rufigentris*, *Zonotrichia pileolata*).

species Cleland & Johnst., 1910, TRSS Austr., v. 34, 108–109 (in *Anellobia chrysoptera*; Brisbane).

species Cleland & Johnst., 1910, TRSS Austr., v. 34, 108 (in *Corone australis*; Barraba, N. S. W.).

species Cleland & Johnst., 1910, v. 34, 107–108 (in *Gymnorhina tibicen*; Sydney).

species Delanoe, 1914, BSPE, 121–125, figs. 1–26 (in *Agama colonorum*).

species Hall, 1916a, 188, 190 (in *Erethizon dorsatum*; Lond., quotes Plimmer, 1915).

species Johnst. & Cleland, 1912, PLSNSW, 489–490, pl. 16 fig. 21 (in *Physignathus lesueurii*; Burnett River, Queensland).

species Léger, 1913, BSPE, v. 6, 359–367 (in *Bubulcus lucidus*, *Centropus monachus*, *Francolinus bicalcaratus*, *Glaucidium perlatum*, *Lagonosticta minima*, *Lamprocolius purpureus*, *Lamprotornis caudatus*, *Lanius auriculatus*, *Lophoceros semifasciatus*, *L. nasutus*, *L. erythrorhynchus*, *Oestrilda cinerea*, *Passer diffusus gularis*, *Turtur senegalensis*, *Vidua principalis*).

species Léger, 1913, BSPE, 518–519 (in *Fringilla petronia*; Corsica).

species Mathis & Léger, 1911, 404, 431 (in *Bos indicus*; Tonkin).

species Mathis & Léger, 1911, 404, 431 (in *Mus decumanus*; Tonkin).

species Mathis & Léger, 1911, 405–406, 437 (in *Rana limnocharis*; Tonkin).

species Mathis & Léger, 1911, 411–412, 434, pl. 14 fig. 10 (in *Turtur humilis*; Tonkin).

tanichugii Looss, 1914, v. 2, 731 (misprint for *taniguchii*).

MICROFILARIA—Continued.

- taniguchii* (Penel, 1905) Looss, 1914, HdT, v. 2, 444.—Ward, 1916, 690.
- tardieu* Mathis & Léger, 1911, 411, 433, pl. 14 fig. 12 (in *Centropus sinensis*; Tonkin).
- trichosuri* (Breinl, 1912) Breinl, 1912, 47, pl. 10 fig. 1.
- volvulus* (Leuck., 1893) Neum. & Mayer, 1914a, 574.—Rodhain, 1915, BSPE, 740, 741.—Ward, 1916, 682.
- vosenani* Reichenau in McCoy, 1912, CfB, 558 (misprint for *rosenau*).
- MICROFILARIAE Cobbold, 1880k, 130–132 (see *Microfilaria*).—Cleland, 1915, 32–34 (in birds).—Johnst., 1910, TRSS, Austr., v. 34, 107 (in birds); 1912, 136–137 (in birds) (*Microfilariae*); 1914, ATMP, v. 8 (1), 73–80, chart 1, pl. 4 figs. 1–4 (in Man).—Kerr, 1912, JSTMH, v. 5 (6), 227, pl. 1 figs. 1–2.—Pittaluga, 1912, Rc Madrid, v. 8, 81–91, pls. 1–3; 1912, BInI, 77–92; 1913, CfB, v. 56 (5–6), 156.
- Microfilariose.—Yakimoff, etc., 1913, Vo, v. 15, 499 (in horse; Turkestan); 1914, BSPE, v. 7 (3), 189–192; 1915, ZIpKHH, v. 14 (4), 275–286, fig. 1.
- MICROFILARIAE Cleland & Johnst., 1912, 136–137 (see *Microfilariae*).
- MICROLAIMUS Man, 1880a, 15–16 (mt. *globiceps*) [not *Microlamia* H. W. Bates, 1874, coleopt. (Zool. Rec. (1874), 1876, v. 11, 327)].—Cobb, 1917n, 453.
- fluviatilis* Cobb, 1914, TAMS, v. 33 (2), 72, 81–82 (38, 47–48, 88), pl. 3 fig. 6 (Maple River, Mich.).
- globiceps* Man, 1880a, 15–16 (in moist soil; Holland).—Schneid., 1906d, 626.
- menzelii* Hofm., in Hofm. & Menz., 1914, ZA, 84–85, fig. 6 (littoral; Léman, Lac de Joux, etc.); 1915, 135–136, pl. 5 figs. 15, 16.
- MICROPLEURA Linst., 1906, JPAS, 2 (7), 269 (mt. *vivipara*) (near Fil.).
- vivipara* Linst., 1906, 269, pl. 3 figs. 1–2 (in *Gavialis gangeticus*; Calcutta, Zool. Gard.).
- MICROTETRAMERES Trav., 1915, Bm, 297 (3, 4) (tod. *cruzi*) (subg. of *Tetrameres*).
- contorta* (Weidman, 1913) Trav., 1915, 297 (3), to *Tetram.* (*Microtetrameres*).
- cruzi* (Trav., 1914) Trav., 1915, 297 (3) to *Tetram.* (M.).
- inflata* (Mehl., 1846) Trav., 1915, 297 (3) to *Tetram.* (M.).
- minima* (Trav., 1914) Trav., 1915, 297 (3) to *Tetram.* (M.).
- pusilla* Trav., 1915, 297–298 (3, 4–5) (in *Turdus rufiventris*, *Platycichla flavipes*; Angra dos Reis, Estado do Rio), to *Tetram.* (M.).
- spiralis* (Seur., 1915) Trav., 1915, 297 (3) to *Tetram.* (M.).
- MIKROFILARIA Rodenwaldt, 1908, AST, 389 (for *Microfilaria*).
- bancrofti* (Cobbold, 1877) F., S., & T., 1916a, 398, 400, figs. 282–283.
- demarquayi* (Mans., 1897) Rodenwaldt, 1914, 1.
- demarguiyi* Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*, *Stegomyia fasciata*) (misprint for *demarquayi*).
- diurna* (Mans., 1891) Rodenwaldt, 1908, 389.
- loa* (Cobbold, 1864) F., S., & T., 1916a, 398.
- nocturna* (Mans., 1891) Rodenwaldt, 1908, 389.
- perstans* (Mans., 1891) Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*).
- philippinensis* (Ashburn & Craig, 1906) F., S., & T., 1916a, 407.
- powelli* (Penel, 1905) F., S., & T., 1916a, 407.
- Mikrofilarien (see *Microfilaria*).—Fülleborn, 1908, HC, v. 4 (4), 101 (in Homo); 1908, MmW, v. 55 (24), 1307; 1909, CfB, v. 42 (24–25), 801; 1911, AST, v. 15 (11), 368 (Südsee); 1911, DmW, v. 37 (26), 1240; 1912, AST, v. 16, 533–547, 1 fig. (of Homo); 1913, AST, v. 17, 7–72, figs. 1–21, pls. 1–8.—Bach, 1913, CfB, v. 70, 50–60.—Berke, 1911, CfB, v. 58 (4), 326–330, pl. 1 figs. 1–3 (Haushuhn).—England & Manteufel, 1911, AST, v. 15 (22), 721–727, pl. 17 figs. 1–10; 1911, DmW, v. 37 (49), 2303.—Geisler, 1910, AST, v. 14 (17), 550–551 (Kamerun); 1911, CfB, v. 49 (7), 202.—Küelz, 1914, AST, v. 18 (7), 248–250 (Turnusfrage).—Rodenwaldt, 1908, AST, v. 12 (10), 1–30, 4 pls. (and *diurna*); 1909, MmW, v. 56 (14), 732; 1909, CfB, v. 43 (9–12), 346–347; 1909 BIP, v. 7 (7), 306–310; 1909, DmW, v. 35 (17), 770.—Wasielowski, 1913a, 326.
- MISONUNUS Petrov, 1910, Avn, v. 40, 1203 (misprint for *Myzomimus*, *Misonunus scutatus*, 1203).

- MITREPHOROS** Linst., 1877a, 18 (for Mitrephorus).—Stiles & Hass., 1905b, 120.
- MITREPHORUS** Linst., 1877a, 2 (mt. *hæmisphæricus*) [not Mitrephorus Schöenherr, 1837, coleopt.; Mitrephorus Sclater, 1859, bird; Mitrophorus Burm., 1844, coleopt.].—Oerley, 1880, 141.—Stiles & Hass., 1905b, 120.—See also Mitrephorus.
- hæmisphæricus* Linst., 1877a, 2 (free; Ratzeburger See).—Jægers., 1909, 46, fig. 65.—Oerley, 1880, 142.
- MONHYSTERA** Bast., 1865c, 93, 97–99 (type probably stagnalis).—Baylis, 1915, AMNH, v. 16, 414–421, figs. 1–6.—Büetsch., 1873a, 58–61; 1874b, 260 (s. Tachyhodites, Theristus).—Cobb, 1888a, 31; 1893a, 822–824 (45–47); 1893b, 279–280 (30–31, 32).—Hofmæn., 1913, 608–609.—Jægers., 1909, 5, 10.—Linst., 1902d, 31.—Man, 1876a, 174–175; 1876b, 97–98; 1907, 47, 48.—Menz., 1914, 43; 1917, RsZ, 156, 157.—Oerley, 1880a, 67, 133–134.—Rouville, 1903, CrSB, v. 55, 1526–1529.—Schneid., 1906, 626.—Shipley, 1901b, 160.—Stewart, 1914, v. 10, pt. 4 (13), 245 (chiefly in fresh water).—Stiles & Hass., 1905b, 121.—See also Monohystera.
- acris* (Bast., 1865) Oerley, 1880a (b), 137 (125).—Man, 1907, 86 to (Theristus) (Zealand).—Schneid., 1906d, 626.—Southern, 1914a, 12–13 (Blacksod Bay).
- agilis* Man, 1880a, 9–10 (in moist soil; Holland).—Menz., 1914, AN, 45.—Micol., 1914, 430–431.—Stewart, 1914, ZJ, v. 10, pt. 4 (13), 245.
- ambigua* Bast., 1865c, 99, pl. 9 figs. 14–15 (marine; Falmouth).—Büetsch., 1873a, 61; 1874b, 261.—Man, 1907, 86 (Monohystera) (Zealand).—Oerley, 1880, 137.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- ambiguoides* Büetsch., 1874b, 263–264, figs. 7a–b (in Kieler Bucht).—Oerley, 1880a, 137.—Villot, 1875a, 466 (Kiel).
- anechma* Southern, 1914a, 13–14, pl. 3 figs. 7a–f (Clew Bay).
- annulifera* Daday, 1905, Z, v. 18 (44), 52–53, pl. 2 figs. 13–17 (in fresh water—(Paraguay); 1905, v. 23, 325.
- antarctica* Cobb, 1914, SE, 8, 10, 21, 1 fig. (Bay; Cape Royds).
- australis* Cobb, 1893a, 824 (47) (in soil; N. S. Wales).
- bipunctata* Schneid., 1906c, 15–16, figs. 5a–b (in Schlamm subsalser Buchten; Gulf of Finland); 1906d, 626 (free; im Finnischen Meerbusen).—Stewart, 1914, v. 10, pt. 4 (13), 245.
- bulbifera* Man, 1880a, 10 (in sand; Holland).—Hewitt, 1913, 147, 149, figs. 6–8.—Hofmæn. & Menz., 1915, 129.
- carcinicola* Baylis, 1915, AMNH, 418–421, figs. 4–6 (in Cardisoma guanhumi, Geocarcinus ruricola; Jamaica).
- cephalophora* Man, 1877a (1878), 106, pl. 8 figs. 12a–b.—Oerley, 1880a (b), 137 (125).
- crassa* Büetsch., 1873a, 63, figs. 24a–b (in moss).—André, 1914, v. 22 (7), in 179–193, figs. 1–4.—Jægers., 1909, SFD, 10, 12, fig. 12.—Linst., 1876a, 13.—Menz., 1914, AN, 82.—Micol., 1913, 11.—Oerley, 1880, 134, 137.
- crassissima* Ditlevsen, 1912, 219–220, pl. 3 figs. 14–15, 22 (in meadow; near Øresund).
- crassoides* Micol., 1913, SAW Wien, 545–546 (aquatic; Schlammbeesung am Attersee, Ostalpen); 1914, ZJ, 424–426, pl. 15 figs. 15a–c.
- de mani* Rouville, 1905a, 792–793 (free; Cette).
- de mani* n. sp. Hofmæn. & Menz., 1914, 81–82, figs. 1–2; 1915, RsZ, 122–123, pl. 4 figs. 1–2.—Menz., 1914, AN, 35, 43, 44, 82.
- dintheriana* Man, 1885a, 2–3, pl. 1 fig. 1 (in moist soil; Nederland) (Monohystera).
- diplops* Cobb, 1894c, 401–403, fig. 8; 1904, PCPS, 366, fig. 3 (in fresh water; New Zealand).
- disjuncta* Bast., 1865c, 98, pl. 9 figs. 12–13 (marine; Falmouth).—Büetsch., 1874b, 261.—Oerley, 1880a (b), 137 (125).—Stewart, 1914, v. 10, pt. 4 (13), 245.
- dispar* Bast., 1865c, 97, pl. 9 figs. 1–2 (free, in moss; Falmouth).—Brakenhoff, 1914, v. 22, 273–274.—Ditlevsen, 1912, 218.—Hofmæn. & Menz., 1915, 124–125.—Hofmæn., 1913, 612–613.—Jægers., 1909, SFD, 10, 13, fig. 14.—Man, 1907, v. 7, 11.—Micol., 1913, 2, 7, 11; 1914, ZJ, 422–424, pl. 10 figs. 3a–f; 1915, ZJ, 255–256.—Oerley, 1880a (b), 134, 137 (122, 125).—Schneid., 1906e, 680.—Steiner, 1916, ZA, 339, 341.—Stewart, 1914, RIM, v. 10, pt. 4 (13), 248.
- dolicchura* Man, 1876a (b), 177–179 (100–102), pls. 11–12 figs. 46a–c (Leiden).—Oerley, 1880a (b), 134, 136 (122, 124).—Stiles & Hass., 1905b, 84, 102.

MONHYSTERA—Continued.

- dubia* Büetsch., 1873a, 60; 1873a, 65-66, figs. 26a-b (iree on water plants; F. a. M.).—Hofmæn., 1913, ZA, 413 (so. setosa).—Hofmæn. & Menz., 1915, 130-131.—Jägers., 1909, SFD, 10, 14, fig. 16.—Menz., 1917, RsZ, 156, 157.—Oerley, 1880a (b), 134, 135 (122, 124).—Schneid., 1906d, 626.—Steiner, 1913, v. 8, 451-454, figs. 1-3.
- elongata* Büetsch., 1874b, 262, figs. 9a-d (in Kieler Bucht).—Man, 1907, 36, 37; 1907, v. 10, 229.—Oerley, 1880a (b), 137 (125).—Villot, 1875a, 466 (Kiel).
- filiformis* Bast., 1865c, 98, pl. 9 figs. 7, 8 (iree in river; Blackwater).—Brakenoff, 1914, v. 22, 274.—Büetsch., 1873a, 63, figs. 25a-b (in the Main; Germany).—Cobb, 1888a, 31.—Hofmæn. & Menz., 1915, 126-127.—Jägers., 1909, 10, 14-15, fig. 17.—Man, 1907, v. 7, 11.—Menz., 1914, AN, 35, 43, 44-45, 82.—Micol., 1913, 11; 1914, ZJ, 426-429, pl. 10 figs. 4a-e; 1915, ZJ, 256.—Oerley, 1880a (b), 134, 136 (122, 124).—Stefanski, 1916, ZA, 364, 368.
- frigida* Cobb, 1914, SE, 8, 9, 10, 19, 1 fig. (Cape Royds).
- fülleborni* Daday, 1908, Mte, v. 26, 11-12, figs. 14a-c; 1910, v. 23, 44-45, pl. 2 figs. 10-12 (Nyassa).
- gracilis* Man, 1877a, 105, pl. 8 figs. 11 a-b.—Oerley, 1880a (b), 137 (125).—Rouville, 1905a, 792 (free; Cetté).
- helvetica* Steiner, 1914, AHP, 421-422, figs. 1-2 (Vierwaldstättersee, Schweiz).
- impetuosa* Cobb, 1906, 165, 186-187 (about roots of diseased cane; Hilo, H. I.).
- insignis* Cobb, 1893a, 823 (46) (about roots of sugar cane; N. S. Wales).
- intermedia* Büetsch., 1873a, 67-68, figs. 33a-b (on roots of Plantago and moss; Germany).—Man, 1876a, 175; 1876b, 98, pl. 11 fig. 44 (Leiden).—Oerley, 1880a (b), 134, 135 (122, 123).
- labiata* Daday, 1903, v. 21, 335-336; 1904, ZJ, v. 19 (5), 480-481, pl. 27 figs. 1-3 (free; Koi-Sary).
- longicauda* Daday, 1899, Mte, v. 17, 560-561.
- longicaudata* Bast., 1865c, 98, pl. 9 figs. 5 6 (in pond; Tunbridge Wells).—Oerley, 1880a (b), 134, 136 (122, 124).
- macrolaima* Stewart, 1914, RIM, 253-254 (lapsus for megalaima).
- macrura* Man, 1880a, 7 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 127-128.—Steiner, 1916, ZA, 339, 341.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- megalaima* Stewart, 1914, RIM, v. 10, pt. 4 (13), 250-251, pl. 32 figs. 21-27 (free; Chilka Lake).
- meridiana* Cobb, 1914, SE, 8, 9, 20-21, 1 fig. (Bay; Cape Royds).
- microphthalma* Man, 1880a, 6-7.—Menz., 1914, AN, 44.—Schneid., 1906d, 625.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- natans* (Bast., 1865) Oerley, 1880a (b), 138 (126).
- normandica* Man, 1890b, 169-170, pl. 3 fig. 1 (to Theristus) (Calvados, de la Manche).—Southern, 1914a, 13 (Inishlyre Harbor).
- ocellata* Büetsch., 1874b, 265, figs. 10a-c (in Kieler Bucht).—Linst., 1876a, 12-13, fig. 31 (in Schlamm; Ratzeburger-See).—Man, 1907, 86.—Oerley, 1880a (b), 134, 138 (124, 128).—Villot, 1875a, 466 (Kiel).
- oculata* Linst., 1878a, 347 (ocellata of Linst., 1876a, 12 renamed).—Oerley, 1880a (b), 134 (122).
- oxyerca* Man, 1888a, 10-11, pl. 1 fig. 6; 1907, v. 20, 56, 86 to (Penzancia) (free, marine; Zealand).
- paludicola* Man, 1881a, 138-139.—Daday, 1905, v. 18 (44), 51, pl. 3 figs. 2-4 (Paraguay); 1905, Mte, v. 23, 344.—Hofmæn., 1913, 609-610.—Hofmæn. & Menz., 1915, 123-124.—Jägers., 1909, SFD, 10, 11-12, fig. 11.—Menz., 1914, AN, 43, 44.—Micol., 1913, 2, 7, 11; 1914, ZJ, 415-417; 1915, ZJ, 253-254.
- papuana* Daday, 1899, Mte, v. 17, 560; 1905, v. 23, 325.
- parva* (Bast., 1865c) Oerley, 1880 a (b), 138 (126).—Man, 1907, MSz, v. 20, 86 (Zealand).
- peludicola* Stefanski, 1916, ZA, 364 (misprint for paludicola) (Genfer See, etc.).
- pilosa* Cobb, 1914, SE, 8, 9, 10, 17-18, 1 fig. (Bay; Cape Royds).
- polaris* Cobb, 1914, SE, 8, 9, 10, 19-20, 1 fig. (Bay; Cape Royds).
- polychæta* Steiner, 1915, ZJ, 224-226, pl. 22 figs. 1-3 (Marine; Sumatra).
- pratensis* Cobb, 1893a, 823-824 (46-47) (about roots of sugar cane; N. S. Wales);

MONHYSTERA—Continued.

- propinqua* Daday, 1905, Z, v. 18, 52, pl. 2 figs. 10–12 (in fresh water; Paraguay); 1905, Mte, v. 23, 325.
- pseudobulbosa* Daday, 1896, Mte, v. 14, 411.
- rivularis* Bast., 1865c, 97–98, pl. 9 figs. 3–4 (sandy mud; Falmouth).—Oerley, 1880 a (b), 134, 137 (122, 125).
- rustica* Büetsch., 1873a, 64, figs. 29a–b (on roots of plantago, in moss; Germany).—Cobb, 1888a, 30–31, pl. 2 figs. 1–2 (so. filiformis); 1893a, 822–823 (45–46), fig. 40 (about roots of moss; N. S. Wales, Fiji); 1893b, 279–280, 305 (30–31, 56), pl. 37 figs. 1–2 (about roots of banana plant; Fiji).—Menz., 1914, AN, 44 (so. filiformis Bast.).—Oerley, 1880 a (b), 134, 135 (122, 123).
- sentiens* Cobb, 1914, TAMS, v. 33 (2), 72, 97–100 (38, 63–66, 96), pl. 7 fig. 20 (sand bar, Plummer's Isl., Potomac River).
- septentrionalis* Cobb, 1914, SE, 8, 20, 1 fig. (Cape Royds).
- setosa* Büetsch., 1874b, 265–266, figs. 11a–b (free; in Kieler Bucht).—Hofmæn., 1913, ZA, 613–614; 1913, v. 42 (9), 413–418, figs. 1–4 (Switz.).—Man, 1907, 56, 86 to (Theristus) (Zealand).—Menz., 1914, AN, 80; 1917, RsZ, 156.—Oerley, 1880 a(b), 138 (126).—Schneid., 1906d, 625.—Villot, 1875a, 466 (Kiel).
- similis* Büetsch., 1873a, 62, figs. 30a–b (in the Main, etc; Germany).—Daday, 1910, v. 23, 45.—Ditlevsen, 1912, 221.—Hofmæn., 1913, 611–612.—Hofmæn. & Menz., 1915, 128.—Jägers., 1909, 10, 13, fig. 15.—Linst., 1876a, 13.—Man, 1907, v. 7, 11.—Menz., 1914, ZA, 82.—Micol., 1913, 2, 9, 11; 1914, ZJ, 420–421; 1915, ZJ, 255.—Oerley, 1880, a (b), 134, 137 (122, 125).—Steiner, 1916, ZA, 345.
- simpler* Man, 1880a, 9 (in moist soil: Holland).—Hofmæn. & Menz., 1915, 128–129.—Menz., 1914, AN, 42, 45, 83.—Micol., 1914, 429.
- socialis* Büetsch., 1874b, 264–265, figs. 8a–d (Kiel).—Ditlevsen, 1912, 218–219.—Oerley, 1880a (b), 138 (126).—Villot, 1875a, 466 (K.).
- species* Schneid., 1906d, 626.
- stagnalis* Bast., 1865c, 97, pl. 9 figs. 9–11 (in mud; Falmouth & Easthampstead).—Büetsch., 1873a, 61–62, fig. 22 (Germany).—Jägers., 1909, 10–11, fig. 10.—Linst., 1876a, 13.—Menz., 1914, AN, 44, 82.—Micol., 1914, ZJ, 410–415, pl. 15 figs. 15a–c; 1915, ZJ, 252–253.—Oerley, 1880a (b), 134 (122).—Stefanski, 1916, ZA, 364.
- stenosoma* Man, 1907, v. 10, 229 (free; Ierseke); 1907, v. 20, 33, 36–38, 86, pl. 1 fig. 3 (Zealand).
- subrustica* Cobb., 1906, 165, 185–186 (about roots of diseased cane; Hilo, H. I.).
- tatrica* Daday, 1896, Mte, v. 14, 410–411.
- tenax* Man, 1876a (b), 176–177 (99–100), pl. 11 figs. 45a–c (Leiden).—Oerley, 1880a (b), 134, 136 (122, 124).—Silva Araújo, 1878b, 53.
- trabeculosa* Schneid., 1906c, 13–15, figs. 4a–b (in Schlamm; Gulf of Finland); 1906d, 626.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- uniformis* Cobb, 1914, SE, 8, 9, 18–19, 1 fig. (Cape Royds).
- uria* Stewart, 1914, v. 10, pt. 4 (13), 247–248, figs. 8–10 (in Rambha spawn; Chilka Lake).
- velox* (Bast., 1865), Büetsch., 1874b, 262–263, figs. 6a–d (in Kieler Bucht).—Oerley, 1880a (b), 138 (126).
- villosa* Büetsch., 1873a, 64–65, figs. 28a–c (on moss roots).—Cobb, 1888a, 31 (in moss; by Cobb).—Hofmæn. & Menz., 1915, 129.—Menz., 1914, AN, 38, 40, 45, 83, 90.—Oerley, 1880a (b), 134, 135 (122, 123), pl. 7 figs. 31a–b.
- vulgaris* Man, 1884a, 39, pl. 3 fig. 10 (in moist soil; Germany, France); 1906, v. 41, 158; 1907, v. 7, 10–11.—Brakenhoff, 1914, v. 22, 274.—Daday, 1910, Z, v. 23, 45 (Nyassa).—Hofmæn., 1913, 610–611.—Hofmæn. & Menz., 1914, ZA, 91; 1915, 125–126.—Jägers., 1909, 10, 12, fig. 13.—Micol., 1913, 11; 1914, ZJ, 417–420, pl. 9 figs. 2a–f; 1915, ZJ, 254.—Steiner, 1916, ZA, 339, 341, 344.
- wilsoni* Baylis, 1915, AMNH, 415–418, figs. 1–3 (in gill chambers of *Gecarcinus ruricola*; Jamaica).

MONILIFORMIS Trav., 1915, Bm, 137 (1) (tod. moniliformis) (*Gigantorhynchinae*).
moniliformis (Brems., 1819) Trav., 1915, 137 (1).

MONOCERCA Schep., 1908f, 186 (group of Nematoda, contains *Desmoscolex*).

MONOCHEILOSTOMI Mol., 1858c, 410 (div. of Cheilostomi (Fil.), contains *F. quadratuberculata*).

- MONODONTUS** Mol., 1861a (b), 435, 463-470 (11, 39-43) (tsd. *semicircularis* [not *Monodon* Linn., 1735, 1758a, 1766, mammal; *Monodon* Cuv., 1817, mollusk; *Monodon* Schweigger, 1820, mollusk; *Monodon* Gerv., 18-?, mollusk; *Monodonta* Lam., 1799, 1801, mollusk; *Monodontes* Montf., 1810, mollusk; *Monodus* Schulze, 1897, for *Monodon* Linn., 1758].—Lane, 1917, IJMR, 418, 420, 422.—Linst., 1906, v. 43, 92.—Rail., 1897a, 1134; 1899g, 345 (subg. of Unc.); 1900, 103, 104, 105; 1900d, 86; 1902b, 108 (so. Bunost.).—Rail. & Henry, 1909b, 170 (so. B.).—Rans., 1911a, 14, 26, 27-28, 30, 33, 34 (s. B.) (type s.).—Rizzo, 1900, 781.—Stiles, 1902, 186, 191, 193; 1903, 14, 19; 1903i, 15 (so. Unc.).—Stiles & Hass., 1899a, 164 (so. Unc.); 1905b, 121.
- cernuus* (Crep., 1829) Rizzo, 1900c, 781 (in ruminants).—Rail., 1900e, 103, 104 (so. *trigonoc.*).—Rans., 1911a, 30.
- longecirratus* (Linst., 1879) Rans., 1911a, 14, 28, 34-35, 121, fig. 10, 124 (to Bunost.) (in *Bos grunniens*).
- phlebotomus* Rail., 1900, in Rizzo, 1900c, 781-782 (in ruminants).—Conradi & Barnett, 1908, 5-23, figs. 1-9 (S. Carolina); 1908, v. 20 (4), 382.—Conradi, 1914, 356 (in cattle).—Rans., 1911a, 14, 21, 28, 31-34, 121, figs. 6-9 (s. rad., *Monodontus* sp.), 124 (to B.) (in *Bos taurus*, *B. indicus*; U. S., Cuba, Panama, Europe, Sumatra).—Stœdter, 1901a, 5, 87, 88 (s. *Str. rad. pars*, Unc. rad. of Rail., 1885).
- semicircularis* Mol., 1861a (b), 469-470 (45-46), pl. 2 figs. 3-4 (s. *Str. sp.*, *suis-tajassu*) (in *Dicotyles torquatus*; Caicara, M. C. V.).—Lane, 1917, IJMR, 1917, 418, 419.—Rans., 1911a, 28, 124.—Stiles, 1902, 186; 1903, 15.—Stiles & Hass., 1899a, 164 (type of M.).—Stoss., 1899d, 125 (71) (to Unc.).
- species* Rail., 1900e, 106 (s. *Str. radiatus* Rud., 1803, *pars*, *Str. rad.* of Schneid., 1866, not of Gurlt, 1831, Unc. rad. Rail., 1885).—Rans., 1911a, 31 (so. *phlebotomus*).
- trigonocephalus* (Rud., 1808) Rail., 1900d, 87; 1900e, 105, 106 (s. *wedlii*, Doch. *cernuus*, *hypostomus*, *Sclerost. hypost. pars*, *Str. cernuus*, Unc. *cernua*).—Nev.-Lem. 1912a, 742.—Lane, 1917, IJMR, 418, 419.—Rans., 1906i, 6; 1911a 14, 21, 28-31, 122, figs. 1-5 (s. *wedlii*, *Str. cernuus*, *Sclerost. hypost.* *Dochmius hypost.*, *cernuus*, *Uncinaria cernua*, *Str. (M.) cernuus*, Unc. (M.) *cernua*), 124 (to Bunost.) (in *Capra hircus*, *Ovis aries*, *Rupicapra rupicapra*; Europe, U. S. A.).
- wedli* Stoss., 1899d, 124 (70) (for *wedlii*) (so Unc. *cernua*).—Fiebiger, 1912a, 289.
- wedlii* Mol., 1861a (b), 467-469 (43-45) (s. Doch. *hypost.*, *Str. cernuus*, *hypost. ovinus*, *radiatus*) (in *Antilope rupicapra*, *Capra aries*, *C. a. steppiceros*; M. C. V.).—Curtice, 1890c, 16.—Rail., 1893a, 474 (so. Unc. *cernua* (Crep.) Rail., 1885); 1900, 106 (so. *trigonoc. Rud.*).—Rans., 1911a, 30 (so. *trigonoc.*).—Stoss., 1899d, 124 (70) (so. Unc. *cernua*) (*wedlii*).—Ward, 1895, 334 (in *Bos taurus*), 337 (in *Ovis aries*).—Also reported for *Rupicapra tragus*.
- MONOHYSTERA** Man, 1889, 7 (for *Monhystera*; 1907, 47-48 [for species, see *Monhystera*]).
- MONONCHULUS** Cobb, 1917n, 447, 453; 1917, 145, 151; 1918, 195-196 (mt. *ventralis*).
- ventralis* Cobb, 1918, 196-198, figs. 1-2 (Wash., D. C.).
- MONONCHUS** Bast., 1865c, 93, 100-103 (tsd. *truncatus*).—A., D., & E., 1901b, 8.—Bos, 1891, 8.—Bietsch., 1873a, 73-75.—Cobb, 1888a, 33; 1893a, 816-819 (39-42); 1893b, 252-262, 295 (3-16); 1904, PCPS, v. 12, 363-374, 4 figs.; 1913, JWS, v. 3 (10), 287-288, figs. 1-2; 1915, 316; 1916, JP, v. 2 (4), 195-196 (contains subg. *Anatonchus*, *Iotonchus*, *Mononchus*, *Mylonchulus*, *Prionchulus*); 1917n, 431-486, figs. (revision) (contains subg. *Anat.*, *I.*, *M.*, *My.*, *P.*, *Sporonchulus*).—Hofmæn., 1913, 631-632.—Jægers., 1909, 6, 31.—Man, 1876a, 183-184; 1876b, 106-107; 1904a, in 1-51, pls. 1-11; 1912, v. 1, 449.—Menz., 1914, AN, 48.—Oerley, 1880a, 67, 138.—Shipley, 1896a (1901b), 154.—Stefanski, 1915, ZA, in 346-349.—Stiles & Hass., 1905b, 121 (type *truncatus*).
- acutus* Cobb, 1917n, 438, 455 to (*Iotonchus*), 481, fig. 68 (about roots of rhubarb in loose brown sandy soil; Arlington, Va.).
- bastiani* Man, 1876a(b), 184-186 (107-109), pl. 13 figs. 49a-c (Leiden).—Menz., 1914, AN, 51 (so. *papillatus*).—Silva Araujo, 1878b, 53.
- bathybius* Micol., 1913, SAW Wien, 546 (aquatic, im Grundsclamm des Attersee; Ostalpen); 1914, ZJ, 481-483, pl. 17 figs. 26a-b.—Cobb, 1916, JP, 196 to (*Iotonchus*, *tod.*); 1917n, 435, 438, 455 to (*Iotonchus*), 478, fig. 64 (in mud; Atter Lake; Austria).

MONONCHUS—Continued.

- brachylaïmus* Cobb, 1917n, 438, 455 to (*Iotonchus*), 480, fig. 67 (in brown, sandy soil; Arlington Farms, Va.).
- brachyuris* Büetsch., 1873a, 77, figs. 20a-e (on roots of moss, etc.; Germany).—Brakenhoff, 1914, v. 22, 277.—Cobb, 1893b, 256, 258-259 (soil in meadows; W. Europe); 1906, 165, 182 (Hilo, H. I.); 1916, JP, 195 to (*Mononchus*); 1917n, 435, 438, 455, to (*Mylonchulus*), 467-468, fig. 43 (Fla.).—Ditlevsen, 1912, 227.—Man, 1876a, 189-190; 1876b, 112-113, pl. 13 fig. 51 (Leiden); 1912, ZJ, 449.—Marzinowski, 1909, 41.—Menz., 1913, ZA, 409, 411; 1914, AN, 52.—Oerley, 1880a, 138, 140.—Silva Araujo, 1878b, 53.
- brachyurus* Cobb, 1893b, 256, 258-259 (7, 9-10) (for *brachyuris*); 1906, 182 (about roots of diseased cane; Hawaii).—Hofmaen. & Menz., 1915, 145.
- brevicaudatus* Cobb, 1917n, 438, 455, to (*Mylonchulus*), 472, fig. 54 (about roots of plants in a cranberry bog; N. J.).
- consimilis* Cobb, 1917n, 438, 455 to (*Iotonchus*), 477, fig. 61 (about roots of *Platonia insignis*; Brazil).
- crassiusculus* (Duj., 1845) Bast., 1865c, 103 (Rennes).—Cobb, 1893b, 256, 258 (7, 9) (Franca).—Oerley, 1880a, 138, 141.
- cristatus* Bast., 1865c, 102, pl. 9 figs. 33-34 (in moss; Falmouth).—Cobb, 1893b, 257, 259 (8, 10) (Eng.).—Man, 1912, ZJ, v. 1, 449.—Oerley, 1880a, 138, 139.
- dadayi* Micol. [nv.].—Cobb, 1916, JP, 196, to *Mononchus* (*Mononchus*); 1917n, 438, 454, 463, fig. 32, to (M.).
- decurrens* Cobb, 1917n, 454 to (*Sporonchulus*), 464, 486, fig. 69 (Plant Introduction Gardens; Miami, Fla.).
- dentatus* Cobb, 1917n, 438, 454 to (*Sporonchulus*, tod.), 464, fig. 35 (roots of orange trees; Bahia, Brazil).
- denticulatus* Cobb, 1917n, 438, 440, 455 to (*Mylonchulus*), 468, fig. 44 (among fresh-water algæ; Zambezi River, S. Africa).
- digiturus* Cobb, 1893b, 253, 254, 256, 257 (4, 5, 7, 8), pl. 36 figs. 1-4 (about roots of banana plants; Fiji); 1916, JP, 196, to (*Iotonchus*); 1917n, 438, 455 to (I.), 476, fig. 58 (about roots of banana plants; Fiji).—Steiner, 1914, AHP, 264.
- dolichurus* Ditlevsen, 1912, 228-229, pl. 2 figs. 6, 10-11 (in boggy regions; Jutland).—Cobb, 1916, JP, 196, to (*Anatonchus*); 1917n, 438, 455, to (A.), 475, fig. 57 (in moist soil and meadow land; Jutland, Switz.).—Hofmaen. & Menz., 1915, 146-147.—Menz., 1913, ZA, 410-412, fig. 4; 1914, AN, 36, 49-50, 78, 83, figs. 6a-b.—Steiner, 1914, AHP, 264.
- exilis* Cobb, 1917n, 438, 454, 456, to (*Mononchus*) (about roots of moss; Moss Vale, N. S. W.).
- fovearum* (Duj., 1845) Bast., 1865c, 102-103 (Rennes).—Cobb, 1893b, 257-262 (8, 13) (Franca); 1916, JP, 195, to (*Mononchus*); 1917n, 438, 454, 460, to (M.). (in fresh water ditch; Rennes).—Man, 1912, ZJ, v. 1, 449.—Oerley, 1880, 138, 139.
- gerlachei* Man, 1904a, 5-8, pl. 1 figs. 1-1j, pl. 2 figs. 1l-1q (sur des algues d'eau douce; près du Cap Van Beneden, Terre de Dance, Détroit de Gerlache); 1912, ZJ, v. 1, 449, 450, 451.—Cobb, 1916, JP, 195, to (*Mononchus*); 1917n, 438, 454, 459-460, fig. 26, to (M.) (among fresh water algæ; C. V. B., Danco Land).—Linst., 1907, AN (for 1901), v. 2 (3), 172.—Steiner, 1916, ZA, v. 46, 318-319, 327.
- gracilicaudatus* Cobb, 1917n, 438, 455, fig. 56, to (*Anatonchus*), 474, 475 (in marshy ground; Arlington Farm, Va.).
- gymnolaïmus* Cobb, 1893b, 254-256, 257-258, 304 (5, 7, 8-9, 55), pl. 36 figs. 1-3 (about roots of banana plants; Fiji); 1904, 370 (Fiji); 1907, 5, 7, pl. 1 figs. 1-3; 1916, JP, 196, to (*Iotonchus*, tod.); 1917n, 438, 455, to (I.), 476-477, fig. 60 (about roots of banana; Fiji; of *Platonia insignis*, Rio Jan., Brazil; of various plants, Arlington Farm, Va.).—Menz., 1913, ZA, 410.
- incurvus* Cobb, 1917n, 435, 438, 455, to (*Mylonchulus*), 468-469, fig. 47 (in sandy soil in a cranberry bog; Arlington Farm, Va.).
- index* Cobb, 1906, 165, 180-181 (about roots of diseased cane; Hawaii); 1917n, 438, 455, to (*Mylonchulus*), 466-467 (r. s. c.; H. I.).
- intermedius* Cobb, 1893a, 817-818 (40-41) (about roots of sugar cane; N. S. W.); 1916, JP, 195, to (*Mononchus*); 1917n, 438, 454, to (M.), 458 (about roots of sugar cane; Harwood, Clarence River, N. S. W.).
- japonicus* Cobb, 1917n, 438, 455, to (*Mylonchulus*), 473 (Mississippi Bay, Yokohama, Japan).

MONONCHUS—Continued.

- lacustris* Cobb, M. V., 1915, 36-38 (Douglas Lake, Mich.).—Cobb, N. A., 1917n, 437, 438, 445, 455, to (Mylonchulus), 471, fig. 5, 52 (fresh water lakes, Mich.; about roots of ferns, Panama; in Silver Springs, Fla.).
- longicaudatus* Cobb, 1893b, 253, 254, 256, 257, 261 (4, 5, 7, 8, 12), fig. 2 (on celery; Australia); 1906, 165, 179 (Hilo, H. I.); 1916, JP, 196, to (Mononchus); 1917n, 434, 438, 444, 450, 452, 453, 454, 463-464, figs. 2, 11, 33, 34 (cosmopolitan, aquatic, ditches, pools, swamps, meadows, slow filter beds).
- longicollis* Cobb, 1917n, 438, 454 to (Prionchulus), 465, 466, fig. 39 (at roots of pitcher plants and tamarack; Wisconsin).
- macrostoma* Bast., 1865c, 101-102, pl. 9 figs. 29-30 (in pool; Falmouth).—Brakenhoff, 1914, v. 22, 275-276.—Cobb, 1893b, 257, 262 (8, 13); 1916, JP, 196 to (Mononchus); 1917n, 435, 438, 454, 460-461, fig. 28, to (M.).—Daday, 1910, v. 23, 48, pl. 2 figs. 21, 22 (Nyassa).—Ditlevsen, 1912, 227-228.—Hofmæn., 1913, 632-633.—Hofmæn. & Menz., 1915, 141.—Jægers., 1909, 31-32, fig. 42.—Man, 1907, v. 7, 15-16; 1912, ZJ, 449.—Menz., 1913, ZA, 410; 1914, AN, 82.—Micol., 1914, ZJ, 477-481; 1915, ZJ, 263-264.—Oerley, 1880a, 138, 140.—Plotnikov, 1901, 246.—Southern, 1914a, 7 (Clare I.).
- macrostoma armatus* Daday, 1894, Mte, v. 12, 134-135; 1897, v. 2 (1), 96 figs. 74-75 (aquatic; Balaton).—Man, 1912, ZJ, v. 1, 449.
- major* Cobb, 1893b, 257, 260-261 (8, 11-12) (damp soil about roots of plants; N. S. W.); 1916, JP, 195, to (Mononchus); 1917n, 438, 445, 451, 454, 459, figs. 12, 16, 25 (about roots of plants; Moss Vale, N. S. W.).
- megalaimus* Cobb, 1893b, 254 (5) (lapsus and nomen nudum for gymnolaimus).
- megalaimus* n. sp. Cobb, 1917n, 438, 454, 460, fig. 27, to (M.) (about roots of plants in a tamarack swamp; Wisconsin).
- microstoma* Bast. of Cobb, 1893b, 262 (in soil and fresh water; Holland, Eng.) (lapsus for macrostoma Bast., 1865); 1893, 13.
- micrurus* Cobb, 1917n, 438, 455, to (Mylonchulus), 468, fig. 46 (about Litchi roots; Fukien, China).
- minor* Cobb, 1893b, 257, 259, 304 (8, 10, 55), pl. 36 figs. 1-5 (in soil about banana plants; Fiji); 1916, JP, 196, to (Mylonchulus, tod.); 1917n, 438, 455, to (Mylonchulus), 472, fig. 53 (cosmopolitan).
- monhystera* Cobb, 1917n, 438, 454, 457, fig. 20, to (Mononchus) (about roots of orange trees; Bahia, Brazil).
- muscorum* (Duj., 1845) Bast., 1865c, 103 (Rennes).—Büetsch., 1873a, 77.—Cobb, 1888a, 33; 1893b, 257, 260 (8, 11) (among moss; W. Europe); 1916, JP, 196, to (Prionchulus, tod.); 1917n, 438, 439, 443, 454, to (P.) 465, figs. 6, 7, 37.—Man, 1912, ZJ, v. 1, 448, 449-452, pl. 23 figs. 2-2c.—Menz., 1914, AN, 51, 52.—Oerley, 1880, 138, 139.—Steiner, 1916, ZA, 343-344.
- muscorum* var. *macrolaimus* Cobb, 1917n, 438 (microlaimus, misprint), 465, fig. 38 (in Cladonia rangiferina; Wisconsin).
- obliquus* Cobb, 1917n, 438, 449, 455, to (Mylonchulus), 471, fig. 51 (in soil; Germany).
- obtusicaudatus* Daday, 1899, Mte, v. 17, 563-564.—Cobb, 1916, JP, 196, to (Mylonchulus); 1917n, 438, 455, to (M.), 467, fig. 42 (in fresh water; Berlinhaven, Salao Isl., New Guinea).
- obtusus* Cobb, 1917n, 450, 454, 461, figs. 15, 29, to (Mononchus) (in River Main; Germany; common in mud & aquaria & among aquatic plants).
- palustris* Cobb, 1917n, 438, 443, 454, to (Mononchus), 456, figs. 10, 18 (in white cedar swamp; Wisconsin).
- papillatus* Bast., 1865c, 101, pl. 9 figs. 27-28 (between leaves of Festuca elatior; Broadmoor, Berks).—Brakenhoff, 1914, v. 22, 276-277, pl. 1 figs. 2-3.—Büetsch., 1873a, 76, figs. 19a-b (on plant roots).—Cobb, 1888a, 33; 1893b, 257, 259 (8, 10) (among moss and grass; W. Europe); 1914, 226, fig. 12; 1916, JP, 195, to (Mononchus); 1917n, 432, 434, 435, 438, 441, 454, 458, figs. 8, 23, to (M.).—Ditlevsen, 1912, 224, 225, 226, 227, 234.—Hofmæn. & Menz., 1915, 143-145.—Man, 1880a, 23 (free; Holland) (so. bastiani); 1912, ZJ, v. 1, 449-450.—Menz., 1914, AN, 31, 32, 33, 34, 37, 40, 41, 42, 51-52, 78, 82.—Oerley, 1880a, 138, 141.—Southern, 1914a, 7 (Clare I.).
- parvus* Man, 1880a, 23-24 (in sand); 1906, v. 41, 159; 1912, ZJ, v. 1, 449.—Brakenhoff, 1914, v. 22, 276, pl. 1 fig. 1.—Cobb, 1893b, 257, 259 (in sandy meadows; Holland); 1893, 8, 10; 1916, JP, 195, to (Mononchus); 1917n, 438, 454, 457-458, fig. 22, to (M.) (in sandy soil; Holland).

MONONCHUS—Continued.

- polonicus* Stefanski, 1915, ZA, 348-349, figs. 3a-b (Czarma River, Pologne).—Cobb, 1917n, 455, to (*Mylonchulus*), 472.
- punctatus* Cobb, 1917n, 438, 454, to (*Prionchulus*), 464-465, figs. 36, 36a (s. M. papillatus Bast. of Brakenhoff) (among roots of *Alopecurus denticulatus*, & aquatic; Germany).
- radiatus* Cobb, 1917n, 438, 454, 456, fig. 17, to (*Mononchus*), fig. 17 (in a cranberry bog; N. J.).
- rapax* Cobb, 1917n, 438, 455, to (*Iotonchus*), 477, fig. 62 (about roots of plants; Arlington Farms, Va.).
- recessus* Cobb, 1917n, 454 to (*Sporonchulus*), 464, 468, fig. 68 (in soil of a tomato field; Naranja, Fla.).
- regius* Cobb, 1917n, 438, 442, 449, 455, to (*Iotonchus*), 478, figs. 9, 63 (about roots of plants; Arlington Farms, Va.).
- reversus* Cobb, 1917n, 434, 435, 438, 440, 455, to (*Mylonchulus*), 467, fig. 41 (about roots of *Platonia insignis*; Rio Jan., Brazil).
- rex* Cobb, 1904, PCPS, v. 12, 367, 369-370 (in fresh water; Lakes Manapouri & Wakatipu, New Zealand); 1916, JP, 195, to (*Mononchus*); 1917n, 438, 454 to (M), 455 to (*Iotonchus*), 477-478 (in Lakes Manapouri & Wakatipu, New Zealand).
- sigmaturus* Cobb, 1917n, 436, 438, 455, to (*Mylonchulus*), 469, fig. 48 (U.S.A. & Mexico).
- similis* Cobb, 1893a, 818-819 (41-42) (roots of sugar-cane; N. S. W.; 1914, TAMS, 72 (38).—Menz., 1913, ZA, 410.
- similis* n. sp. Cobb, 1917n, 434, 438, 455, to (*Mylonchulus*), 470-471, fig. 50 (about roots of banana plants; from Paris, France); 1917n, 184 (486) (renamed *subsimilis*).
- sparsus* Cobb, 1917n, 438, 440, 455, to (*Mylonchulus*), 468 fig. 45 (in sphagnum from greenhouses, Wash., D. C.).
- species* Brakenhoff, 1914, v. 22, 277 (in Poggenpohls Moor).
- species* Cobb, 1893b, 256 (7) (in celery; Syndey).
- species* Man, 1906, v. 41, 159 (à terre argileuse; Walcheren).
- species* Stefanski, 1916, ZA, 368 (Inn River, bei Innsbruck).
- spectabilis* Ditlevsen, 1912, 224-227, pl. 3 figs. 17, 19, 27, 28, pl. 4 fig. 36 (from meadow; near Oeresund).—Cobb, 1916, JP, 196, to (*Prionchulus*); 1917n, 435, 438, 454, to (P.); 466, fig. 40 (Hellerup, near Oresund, Denmark).
- studerii* Steiner, 1914, AHP, 263-265, figs. 1-3 (Insel Ufenau, Zürichsee, Switz.).—Cobb, 1916, JP, 196, to (*Iotonchus*), 1917n, 438, 455, to (*Iotonchus*), 479, fig. 65 (under moss; Ufenau Isl., Zürich Lake).
- subsimilis* Cobb, 1917n, 136, 168-169, 184 (438, 470-471, 486), fig. 50 (*similis* Cobb, 1917n, 434, renamed).
- subtenuis* Cobb, 1917n, 184 (486) (*tenuis* Cobb renamed).
- tenuiscaudatus* Stefanski, 1914 [nv.].—Cobb, 1917n, 438, 454, 458, fig. 24, to (*Mononchus*) (among algæ; Rhone River, Switz.).
- tenuis* Daday, 1908, Mte, v. 26, 14-15, figs. a-c; 1910, 47, pl. 2 figs. 17-20 (Nyassa).
- tenuis* n. sp. Cobb, 1917n, 436, 438, 449, 455, to (*Mylonchulus*), 469-470, figs. 4, 49 (about roots of plants; Arlington Farms, Va.); 1917n, 184 (486 renamed *subtenuis*).
- teres* Cobb, 1917n, 438, 454, 455, 457, fig. 19, to (*Mononchus*) (in the Sphagnum of a blueberry pot; Ing.).
- trichurus* Cobb, 1917n, 438, 448, 455, to (*Iotonchus*), 476, figs. 14, 59 (about roots of orange trees; Bahia, Brazil).
- tridentatus* Man, 1876a, 186-188; 1876b, 109-111, pl. 13, figs. 50a-c (Leiden); 1912, ZJ, v. 1, 449.—Brakenhoff, 1914, v. 22, 277.—Cobb, 1893b, 256, 258 (7, 9) (in moist soil; Holland); 1916, JP, 196, to (*Iotonchus*, by error), to (*Anatonchus*, tod.); 1917n, 438, 454 to (*Mononchus*), 455, to (*Anatonchus*), 473, fig. 55 (in moist soil; Europe).—Ditlevsen, 1912, 226.—Hofmæn., 1913, 633.—Hofmæn. & Menz., 1915, 145-146.—Menz., 1913, ZA, 411; 1914, AN, 35, 37, 38, 39, 48, 50-51, 78.—Oerley, 1880a, 138, 139.

MONONCHUS—Continued.

truncatus Bast., 1865c, 101, pl. 9 figs. 25–26 (in water; Falmouth).—Büetsch., 1873a, 75–76, figs. 18a–d (Germany).—Cobb, 1893b, 257, 261–262 (8, 12–13) (among moss & aquatic plants, sand, & mud: W. Europe); 1916, JP, 195, to (Mononchus, type); 1917n, 434, 438, 454, 462–463, fig. 31 to (M.).—Hofmæn & Menz., 1915, 142–143.—Jægers., 1909, 31, 32, fig. 43.—Man, 1912, ZJ, 449.—Menz., 1914, AN, 82.—Oerley, 1880a, 138, 140, pl. 7 figs. 33.

tunbridgensis Bast., 1865c, 102, pl. 9 figs. 31–32 (in pond; Tunbridge Wells).—Cobb, 1893b, 253, 256, 258 (4, 7, 8) (in Engl.); 1916, JP, 196, to (Mononchus); 1917n, 438, 454, 462, fig. 30, to (M.) (aquatic & in soil near streams).—Hofmæn & Menz., 1915, 142.—Man, 1912, ZJ, 449.—Oerley, 1880a, 138, 140 (tunbridgensis).

vorax Cobb, 1917n, 438, 454, 457, fig. 21, to (Mononchus) (in soil of white cedar swamp, Wisconsin; & in cranberry bog, N. J.).

zschokkei Menz., 1913, ZA, v. 42 (9), 408–410, figs. 1–3 (Alps, Switz.); 1914, AN, 31, 35, 36, 37, 38, 39, 41, 42, 48–49, 78, 82, 83, 90.—Cobb, 1917n, 438, 455, to (Iotonchus), 479, fig. [66] (in high Swiss Alps).—Hofmæn & Menz., 1915, 147–149.

MONONCUS Waterhouse, 1912, 182 (for Mononchus).

MONOPETALONEMA Dies., 1861a, 620, 710 (type ?).—Olss., 1869b, 488.—Rans., 1904a, 37.—Stiles & Hass., 1905b, 121 (type?)

eremita Leidy, 1886e, 310–311 (in Meles labradorica; Wyo.); 1904a, 191.—Stiles & Hass., 1894e, 350 (in M. l.).

obtusicaudatum Dies., 1861a, 710 (s. Fil. nodulosa, obtusocaudata) (in aves brasilienses).—Linst., 1878, 74 (so. Fil. obtusicaudata).—Rans., 1904a, 35, 36, figs. 29–30 (to Fil.).—Stoss., 1897b, 37 (25).

physalurum (Brems., 1851) Dies., 1861a, 710 (in Alcedo amazona, A. sp., A. torquata; Brazil).

MONOPOSTHIA Man, 1889, 9–10 (tod. Spilophora costata).—Stiles & Hass., 1905b, 121.

costata (Bast., 1865) Man, 1907, v. 20, 87 (marine; Zealand).

MONORCHUS Marschall, 1873, 436 (misprint for Mononchus Bast.) [not Monorchis Mont., 1893, trematode].—Stiles & Hass., 1905b, 121.

MURSHIDIA Lane, 1914, IJMR, 387–388, 394 (tod. murshida) [g. of Strongyloidea]; 1915, 106.

falcifer (Cobbold, 1882) Lane, 1914, 389–391, pl. 54 figs. 33–34, pl. 55 figs. 35–42 (in cecum of Elephas indicus; India); 1915, 106 (falçifera).

murshida Lane, 1914, 388–389, pl. 53 figs. 25–32 (in Elephas indicus; India); 1915, 106.

MYENCHUS Schuberg & Schröder in Schuberg, 1904b, 629–632 (mt. bothryophorus).—Linst., 1909a, 81.—Rail., 1916, RMv, 520.—Stiles & Hass., 1905b, 122.

bothryophorus Schuberg & Schröder in Schuberg, 1904b, 629–632 (in Nephelis vulg. (Herpobdella atomaria); Heidelberg); 1905a, 283; 1907c, 168–169.—Cognetti de Martiis, 1909, ArAS, 700–705, figs. 1–12 (in Dichogaster itoloensis).—Linst., 1909a, 82 (in N. v.).—Rail., 1916a, 520.—Schuberg & Schröder, 1904a, 509–521, pl. 30 figs. 1–11 (in N. v.; H.); 1904b, 63–64; 1904c, 309–310; 1905a, 283.—Stiles & Hass., 1905b, 122.

MYLONCHULUS Cobb, 1916, JP, 196 (tod. minor) (subg. of Mononchus) [but Cobb writes the combinations as generic]; 1917n, 440, 454–455.

brachyuris (Büetsch., 1873) Cobb, 1917n, 455.

brevicaudatus Cobb, 1917n, 438, 455, 472, fig. 54 to M. (My.) (about roots of plants in a cranberry bog; New Jersey).

denticulatus Cobb, 1916n, 438, 440, 455, 468, fig. 44 to M. (My.) (among fresh water algæ; Zambezi River, S. Africa).

incurvus Cobb, 1917n, 435, 438, 455, 468–469, fig. 47 to M. (My.) (in sandy soil in a cranberry bog; Arlington Farms, Va.).

index (Cobb, 1906) Cobb, 1917n, 438, 455, 466–467 to M. (My.) (about roots of sugar cane; Hawaii Isl.).

japonicus Cobb, 1917n, 438, 453, 473 to M. (My.) (Mississippi Bay, Yokohama, Japan).

lacustris (Cobb, 1915) Cobb, 1917n, 437, 438, 445, 455, 471, figs. 5, 52 to M. (My.) (fresh water lakes; Michigan; about roots of ferns; Panama; in Silver Springs, Fla.).

MYLONCHULUS—Continued.

- micrurus* Cobb, 1917n, 438, 455, 468, fig. 46 to M. (My.) (about Litchi roots; Fukien, China).
- minor* (Cobb, 1893) Cobb, 1916, 196; 1917n, 438, 455, 472, fig. 53 to M. (My.) (cosmopolitan).
- obliquus* Cobb, 1917n, 438, 449, 455, 471, fig. 51 to M. (My.) (in soil; Germany).
- obtusicaudatus* (Daday, 1899) Cobb, 1916, 196; 1917n, 438, 455, 467, fig. 42 to M. (My.) (in fresh water; Berlinhaven, Salao Isl., New Guinea).
- polonicus* (Stefanski, 1915) Cobb, 1917n, 455, 472 to M. (My.).
- reversus* Cobb, 1917n, 434, 435, 438, 440, 455, 467, fig. 41 to M. (My.) (about roots of *Platonia insignis*; Rio de Jan., Brazil).
- sigmaturus* Cobb, 1917m, 436, 438, 455, 469, fig. 48 to M. (My.) (U. S. A., Mexico).
- similis* Cobb, 1917n, 434, 438, 455, 470-471, fig. 50 to M. (My.) (about roots of banana plants; from Paris, Fr.) [not Cobb, 1893].—See *subsimilis*.
- sparsus* Cobb, 1917n, 438 440, 455, 468, fig. 45 to M. (My.) (in sphagnum from greenhouses; Wash., D. C.).
- subsimilis* Cobb, 1917n, 153, 184 (455, 486) [to *Mononchus* (My.)], *similis* 1917 renamed.
- subtenuis* Cobb, 1917n, 184 (486) [to *Mononchus* (My.)] (*tenuis* Cobb renamed).
- tenuis* Cobb, 1917n, 436, 438, 448, 455, 469-470, figs. 4, 49 to M. (My.) (about roots of plants; Arlington Farms, Va.).

MYORYCTES Eberth, 1863b, 530-535.

- weismanni* Eberth, 1863b, 530-535, pl. 37 (in *Rana temp.*).—Cobbold, 1869a, 15 (Myoryktes).—Dungl., 1893a, 729 (Myoryctes).—Linst., 1876a, 16.—Rail., 1916, RMv, 520.—Rees, J. van, 1884a, 144.—Schuberg & Schroeder, 1904a, 520.—Seur., 1916, 347 (in R. t.).

MYORYKTES Cobbold, 1896a, 15 (for Myoryctes).

MYZOMIMUS Stiles, 1892b, 65-66 (tod. scutatus); 1892c, 1-3.—Hall, 1916, 191 (so. Gongylonema).—Stiles & Hass., 1905b, 122.

- scutatus* (Leuck., 1873) Stiles, 1892b, 65-67, 1 fig. (s. *Spiropt. scutata cesophagea bovis*) (in cattle, horse; Poland, Hungary, Wash., D. C.); 1892c, 1-3, 1 fig.; 1892o, 126-133, pl. 17 figs. 1-29.—Cortelezzi, 1915, v. 11 (3), 153.—Neum., 1894d, 465 (3) (to *Gongylonema*).—Rail., 1893a, 541 (to G.).

NANNONCHUS Cobb, 1913, JWAS, v. 3 (16) 442 (mt. granulatus); 1917n, 453.

- granulatus* Cobb, 1913, 442 (about roots of aquatic plants; Potomac River, Arlington, Va.).

NANONEMA Cobb, 1905 in Stiles & Hass., 1905b, 122 (Cephalonema Cobb, 1893a [not Stimps., ante 1882] renamed, hence type *longicauda*).

- longicauda* (Cobb, 1893) Cobb, 1905, in Stiles & Hass., 1905b, 122.

NECATOR Stiles, 1903y, 312 (mt. Unc. americana) (originally a subg. of Unc.); 1903k (1), 14; 1903xx, 302-303; 1914, MM, v. 2, 271; 1915, 1992 (statistics).—Braun, 1915a, 360.—Brimont & Ceillier, 1909, 421.—Brumpt, 1910a, 333; 1913a, 435.—Daniels & Stanton, 1907a, 350.—F., S., T., 1916a, 447.—Geddelst, 1911a, 125.—Hall, 1916a, 119.—Lane, 1916, IJMR, 76; 1917, IJMR, 420, 422, 435, 437.—Linst., 1906, 90-91, 92.—Looss, 1905, 28 (diag.); 1911a, 195, 199, 201, 210, 213, 237, 259, 272, 334, 452, 538, 540, 556.—Mottet, 1914, v. 29, 2651-2653.—Pratt, 1916a, 222.—Rail. & Henry, 1909b, 170; 1910, v. 3 (5), 312; 1912, v. 14, 565 (g. of *Bunostomæ*, *Strongylinæ*).—Sl. & Sw., 1912a, 336-337.—Stiles & Hass., 1905b, 122.—Ward, 1916, 698, 700.

- africanus* Harris, 1910, circular 11, 11 (=americanus renamed).—Stiles, 1914, MM, v. 2, 272.

- africanus* n. sp. Looss., 1911a, 213-214, pl. 11 figs. 101, 102, pl. 12 fig. 114 (in *Anthropopithecus troglodytes*; W. Africa).

- americanus* (Stiles, 1902) Stiles, 1906m, 313 (in *Homo*; Guam, Italy, Africa, China); 1906n, 111; 1907, 583; 1913, PHR, v. 28, 7-20; 1914, MM, v. 2, 272.—Aless., 1909, AdP, v. 13, 476.—Allan, 1910, 16, 17; 1910, 63.—Barlow, 1915, 272 (in H.; Spanish Honduras).—Boehm, 1909, v. 13 (1), 40 (Ceylon); 1909, v. 43 (9-12), 347.—Bohne, 1907, 534-535 (Liberia); 1908, v. 4 (3), 93 (L.).—Bonardi, 1909, OmRsp, v. 4, 397, 458.—Bordoni, 1912, v. 33, 105.—Braun, 1908a, 337, figs. 276-277; 1915a, 360, figs. 310-311.—Breinl, [1912], 44 (N. Queensland).—Brumpt, 1910a, 371; 1913a, 435.—Cast. & Chalm., 1910a, 433,

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americanus—continued.

- 449, 812, 926, 931; 1913a, 555, 560, 1119, 1293, 1303.—Christopherson, 1910, v. 13, 146.—Cole, 1907, v. 2, 1874; 1907, Dec. 17, 2545 (Philippines); 1907, v. 3, 333-342, pls. 1-4; 1907, v. 21, 298-312; 1907 (1506), 710-711; 1907, v. 71 (21), 866; 1909, v. 20 (5), 219.—Craig, 1915, AJTDPM, 15.—Daniels, 1910a, 71, 129, 130, 131; 1914a, 141, 142, 156.—Daniels & Stanton, 1907a, 330, 331, 344, 346, 347, 348.—Dead. & Thomps., 1916a, 454.—Elders, 1912, 1059; 1912, CfB, 9.—F., S., T., 1916a, 450, 457-459, figs. 334-336.—Fülleborn, 1908, v. 12 (1), 34; 1908, v. 4 (16), 487 (in Kamerun).—Galli-Val., 1914, CfB, 51.—Gedölst, 1911a, 125, fig. 168 (in man).—Graham-Smith, 1913, 196, 198, 201.—Guiart, 1910a, 410.—Harris, 1910 (11), 10, 11 (renamed africanus), 12.—Hempelm., 1912a, 108.—Hopkins, 1909, v. 13, 492.—Howell, 1908, v. 13, 138-143 (in Homo).—Jamison, 1913, 70 (Costa Rica).—Jimbo, 1914, CfB, 54.—Johnst., 1909, Sept. 20, (5) (Queensland).—JAMA, 1908, 711-712.—Joyeux, 1912, v. 5, 843-846.—Kathariner, 1916, v. 30, 803.—King, 1911, 184, 187.—Koch, 1910, 113-117.—Lane, 1913, v. 48 (4), 10 (at Berhampore); 1916, IJMR, 74, 75.—Leiper, 1907, 683; 1913, JLSTM, 178.—Linst., 1906, v. 43, 89-90, 91, figs. 1-5 (in Simia troglodytes; W. Africa).—Looss, 1905, 16, 17, 28, 56, 69, 70, 80, 111, 112, 115, 119, 123, 125; 1907, 683; 1911a, 167, 176, 193, 194, 200, 204, 206, 207, 208, 209 (in Anthropopithecus troglodytes; W. Africa), 213 (in H., Troglodytes gorilla; W. Africa), 214, 221, 225, 237, 268, 288, 303, 310 313, 318, 332, 333, 382, 400, 403, 417, 454, 472, 473, 484, 498, 499, 503, 506, 512, 519, 554, 555, 556, 561, 571, 575, 577, 578, 587, figs. 103-104, 115, 167; 1914, v. 2, 398, 399f, 505.—Mans., 1907, 4ed, 662, 716-718, 722, figs. 125e, 135-137 (America, Africa).—Martin & McKittrick, 1917, 382, 391, figs. 20, 39.—Massey, 1907, v. 10 (11), 197; 1910, v. 13, 258.—Mathis, 1914, 197, 205 (in man; Tonkin).—Mathis & Léger, 1909, 488.—da Matta, 1914, 388 (in man; Amazonas, Brazil).—Monti, 1909, v. 10, 49-95; 1909, v. 23, 153-163, 1 pl.; 1909, v. 3, 448-454, pl. 1; 1909, v. 20, 481-483.—Neum. & Mayer, 1914a, 72, 74, 427, 430, 431.—Nev.-Lem., 1906a, 280 (to Unc.); 1908a, 441.—Nicholls, 1912, 82 (carried by Limosina punctipennis).—Nicoll, 1914, 4 (in N. Queensland).—Oi, 1916, 353-374 (in Formosa); 1917, China MJ, 75; 1917, TDB, 120.—Parodi, 1916, v. 3, 89 (Argentina).—Phalen & Nichols, 1909, v. 25 (4); 1910, v. 46 (9), 258.—Priour & Furth, 1910, v. 14, 601-604, 1 fig.; 1911, v. 49 (7), 210; 1911, v. 21 (14), 792.—Quadri, 1910, v. 17 (8), 333-334.—Rail. & Henry, 1909b, 170; 1910, 312; 1912, 566, 581.—Robledo, 1909, 603.—Rodenwaldt, 1911, v. 15 (4), 130.—Rosenberger & Brinton, 1911, NYMJ, v. 94, 231-232.—Rossiter, 1910, v. 4 (2), 145; 1910, v. 4 (4), 476-478.—Sambon, 1908f, 31, 34.—Sant' Anna, 1909, 63.—Schifone, 1908a, 1328, 1329-1331 (in H.; Italy).—Sl. & Sw., 1912a, 336, 402, fig. 189.—Stiles & Altman, 1913, v. 1 (2), 718-729.—Stiles & Goldberger, 1906a (b), 63-65 (1-7), figs. 1-6; 1906c, 154; 1906d, 112; 1906e, 303; 1906f, 57.—Stitt, 1914a, 251.—Thézé, 1916, 397.—Tidswell & Johnst., 1912, v. 2, 112 (in H.; Queensland).—Ward, 1916, 700-701, figs. 4109-4111.—Wasielewski 1913a, 315.—Watanobe, 1913, TMJ, July; 1914, TDB, 293.—Wellman, 1914, 792.
- exilidens* Looss, in Cummins, 1912, JRAMC, 55 (africanus Looss, not Harris, renamed) (in Anthropopithecus troglodytes; Africa).—Braun, 1915a, 361 (in chimpanse).—F., S. & T., 1916a, 459.
- NECATORÆ Lane, 1917, IJMR, 420, 422, 437 (s. Necatoridi) (tribe of Necatorinæ, contains: Necator, Unc., Grammoc., Bathmost., Gaigeria, Brachyclonus, Monodontus).
- NECATORIDI Lane, 1917, IJMR, 420, 422 (seu Necatoreæ, q. v.).
- NECATORINÆ Lane, 1917, IJMR, 420, 421, 422, 436 (subf. of Ancylostomidæ, contains: Necatoreæ and Bustomeæ).
- NECTICONEMA Mar., 1870a, 32-34 (mt. prinzi).—Stiles & Hass., 1905b, 122.—Villot, 1875a, 463.
- prinzi* Mar., 1870a, 33-34, pl. J fig. 2 (Mallamousque).—Stiles & Hass., 1905b, 122.—Villot, 1875a, 466 (free; Med.).
- NECTONEMA Verrill, 1879a, 187-188 (mt. agilis).—A., D., & E., 1901b, 1.—Bock, 1913, 1913, ZB, v. 2, 1-30, figs. 1-17.—Büerger, 1891, 631-652, pl. 38.—Hempelm., 1912a, 101, 104.—Linst., 1892g, 510.—Rauther, 1914, v. 43, 561-576, figs. 1-8.—Shipley, 1896a, 150, 164, 168, 173.—Stiles & Hass., 1905b, 122.—Ward, 1892, 135-188, pls. 1-8.

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agilis Verrill, 1879a, 187-188 (free; Vineyard Sound, Mass.).—A., D., & E., 1901b, 1.—Büerger, 1889, 22.—Hempel., 1912a, 109.—Pintner, 1899b, 103-105 (Nap.).—Shipley, 1896a (1901b), 164, 168, fig. 87.—Stiles & Hass., 1905b, 122.—Ward, 1892a, 135-188, pls. 1-8 figs. 1-102; 1892b, 1037-1038; 1893a, 260-261.

melanocephalum Nierstrasz, 1907, SE, 2, 13, [1-20] pls. 1-3 (Kawasana, Malay Archipel); 1907, ZC, v. 14, 559-561; 1908, ZJ, 52-53 (in Plankton, Paternoster Insel).—Fuhrm., 1908, 33.

svensksundi Bock, 1913, ZB, 3-4, 5 (Spitzbergen).—Dunkerly, 1914, ZR (for 1913), Verm., 39.

NEEDHAMIA Carus, 1837, 3 [nv.].—Eschr., 1841f, 350-351.—Stiles & Hass., 1905b, 122.

expulsoria Carus, 1837, Dec. 11, 3-18, pl. 1 figs. 1-6 (in *Sepia officinalis*) [nv.].—Eschr., 1841f, 351; 1841g, 39.—Nordm., 1840a, 633 (in *Sepia*).

NEKATOR Schüeffner, 1912, AST, v. 16 (20), 700-703, figs. a-b, a-d.

NEMA Leidy, 1856b, 49-50 (mt. *vacilans*); 1904a, 93.—Schneid., 1866a, 51 (so. *Enoplus*).—Stiles & Hass., 1905b, 122.

vacilans Leidy, 1856b, 50 (near Phila.).—Bast., 1865c, 175 (in brook; near P.).—Stiles & Hass., 1905b, 122.

NEMAHELMINTHES Campb. & Lacr., 1907, 13 (for Nematelminthes).

NEMATELMIA Vogt [nv.].—Dungl., 1893 (1895a), 739, 1174.—Johnson's New Universal Cyclop., 1877, v. 3, 764-765.—Kolenati, 1857d (1857a), 12.—Küech., 1855a, 7, 224.—Leuck., 1863, 155.—Swart, 1862, 4, 37 (=Nematoidea).—Tasch., 1879g, 233, 234.—Wagner, 1883, 122-127 [nv.].

NEMATELMINTHES Carus, 1863, v. 2, 456-459.

NEMATELMINTI Cam., 1889c, 757-776, pl. 13 figs. 1-21 (integument) (see Nematelminthes).

NEMATENTOZOA Oerley, 1882b, 307 (subo. of Nematoda); 1885a, 103 (subo., contains Ophiostomidea, Ascaridea, Spiruridea); 1885, 39 (subdivision of Nematoda, contains Ascarides, Filarides, Strongylides, Trichotrachelidæ).—Jackson, 1880, 686.—Sons., 1889c, 226, 228 (also Nematentozoa).

NEMATHELMIA Southern, 1914a, in 1-80, pls. 1-12 figs. 1-33G (see Nematelmia) (of Clare Island); 1915, 256.

Nematelminthen. (See Nematelminthes).

NEMATHELMINTHES Vogt [nv.].—André, 1907, ZwZ, 278-279.—Assmuss, 1865, 48-55.—R. Bl., 1890a.—Bos, 1894a, 209-210.—Brand., 1899a, 273-299, figs. 1-11 (nervous system).—Braun, 1883a, 143; 1895b, 7; 1906a, 3.—Brumpt, 1910a, 160, 328.—Campb. & Lacr., 1907, 13; 1907, 56, 67.—Carus, 1863, v. 2, 456-459 (Nematelminthes).—Cast. & Chalm., 1910a, 131, 151, 400, 446; 1913a, 131, 202, 514, 566.—Claus, 1885a, 284 (class of Vermes, contains Nematodes, Acanthocephali).—Daday, 1911, RsZ, 501-536, pls. 15-17, figs. 1-19 (fresh water; Switz.).—Dewitz, 1892b, 1.—Fiebiger, 1912a, 218.—Foster, 1912, 1-47, pl. 1 figs. 1-28 (in swine).—Hall, 1916a, 4.—Hamann, 1891c, 57-61; 1895a, 1-120, pls. 1-11.—Hempel., 1912a, 95-113, figs. 1-23.—Hut. & Mar., 1906a, 394; 1910b, 493.—Ijima, 1889b, 268.—Koch, 1890a, 149-150, 150-155, pls. 43-45.—Linst., 1896a, 1-21, figs. 1-33; 1897b, 109-110; 1897i, 27-34, figs. 1-26 (Madagascar); 1898a, 469-472, figs. 1-29 (Australia); 1898b, 672; 1898c, 281-291, figs. 1-21 (Bismarck-Archipel); 1902a, 217-232, pl. 1; 1902b, 323-324; 1905aa, 387-434; 1905r, 42-49; 1908, v. 37, 1-11, pl. 1 (Turkistan).—Mans. & Shipley, 1909, v. 2, 883-904, figs. 168-213.—Nassonow, 1900a, 400-449.—Nev.-Lem., 1906a, 256, 257; 1913, 279.—Par., 1887b, 336-337 (64-65).—Pearse, 1916, v. 6, 675-676.—Rail. & Henry, 1907b, 1-14, figs. 1-4, 1 pl., figs. 1-19 (parasitic); 1907, 1-14, figs. 1-18 (parasitic).—Rawitz, 1895a, 30-31.—Roger, 1901a, 94.—Rollst., 1870, 133, 134, 135, 136, 137.—Schneid., 1866a, 325, 326, 332, 333, 336.—Shipley, 1896a (1901b), 121-194, figs. 62-105.—Stiles, 1898a, 21; 1907c, 53.—Stiles & Hass., 1905b, 1-150 (genotypes of).—Trav., 1915, Bm, Apr. 8.—Ward, 1895a, 238; 1903, 205 (phylum).—Wasielowski, 1913a, 241.—Will.-Suhm, 1871, 175-203, pls. 11-13.—Züern, 1882a, 113.

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Nematelminths Daniels, 1910a, 5, 70. (See Nematelminthes).

NEMATIDEA Rud.—Nordm., 1840a, 558.

NEMATODA, Nematodes, Nematodi, Roundworms, threadworms, etc.

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(AUSTRIA) Drasche, 1883, 325.

(BALTIMORE) Simon, 1896a, 192; 1897a, 209; 1907a, 305; 1911a, 233.

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(BOLOGNA) Erc., 1874a, 237-264, pl. 1 figs. 1-5, pl. 2, figs. 1-8; 1876c, 233, 235.—Erc. & Vella, 1854f, 779-781.

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(BRÜNN) Makowsky, 1867a, 18.

(BRUXELLES) Ben., 1866a, 207-208; 1866b, 1-11, figs. 1-6.

(BUDAPEST) Daday, 1894, Mte, v. 12 (4-5), 122-145; 1897, v. 2 (1), 81-119, figs. 50-104 (Balatonsee); 1899, Mte, v. 17 (5), 557-572.—Hut. & Mar., 1906a, 394; 1910b, 474, 493.

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(CATANIA) Addario, 1885, 135, 137, 140, 141.

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(FRANCE) Moniez, 1889, 756.—Pouchet & Bergé, 1883a, 22.—Villot, 1875e, 82-83.

(FREIBURG I. BREISGAU) Sieb., 1850c, 664.

(GIESSEN) Schneid., 1856a, 192; 1860b, 224-242, figs. 1-12; 1863a, 1-25, pls. 1-2; 1866a, 1-357, figs. 1-122, pls. 1-28 figs. 1-343; (monograph); 1867, 1-23; 1869a, 284.

(GÖTT.) Linst., 1873g, 293-306, pl. 13 figs. 1-16; 1885b, 235-255, figs. 1-31; 1886f, 249; 1895a, 509-533, pls. 30-31; 1895b, 315; 1900a, 119-132; 1904n, 297-309, pl. 13 figs. 1-29; 1904o, 484-497; 1904r, 16-17; 1905c, 13; 1905d, 690-691; 1905k, 57; 1905m, 186; 1906, CfB, v. 41, 749-752, pl. 1; 1907, CfB, v. 44 (3), 265-267, figs. 1-6; 1907, DmW, v. 33 (31), 1269; 1907, JRMS, (178), 306; 1907, NAENH, v. 3, 1-4, figs. 1-10; 1907, Rep. Voy. "Scotia," v. 4; 1909a, 47-83, figs. 1-80; 1909a, 66; 1909, AN, v. 75, 63-66; 1909, CfB, v. 50, 448-451; 1910, JRMS, (1), 36.

(GR. BRIT.) Cast. & Chalm., 1910a, 401; 1913a, 516.—Leiper, 1907, 1-4; 1908, 187-188, 189.

(HOFHEIM) Vix, 1860b, 1-163; 1863a, 75-80, pl. 7.

(ITALY) Porta, 1908, ZA, v. 33, 8-9, figs. 1-2; 1908, JRMS, (4), 455.

(JAPAN) Ijima, 1889b, 269.

(KJØBENHAVN) 1870, TV, v. 18, 8-12.

(KÖNIGSBERG. I. PR.) Braun, 1883a, 143, 144; 1895b, 120, 203; 1906a, 2, 20, 261.—Lüthe, 1906, v. 47, 88-89.

(LEIPZIG) Keller, 1893a.—Leuck., 1866, 208; 1867b, 2; 1886, 94.—Züern, 1882a, 113, 224.

(LILLE) Verdun, 1907, 318-322.

(LOND.) Cobbold, 1874d, 8; 1874m, 169; 1879, 4, 149-255.—Mans. & Catto, 1904a, 265.

(MALAGA) Abela, 1883, 43.

(MEMMINGEN) Huber, 1896a, 582.

(MILAN) Acqua Felice, 1869, 116.

(MOSKOW) Gros, 1854, Institut, v. 22, 219-220.

(MÜNCHEN) Goldschmidt, 1904, 41-140.

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- (NAP.) d'Allocco, 1894, 522, 523, 524.
 (NETHERLANDS) Bos, 1894a, 210-212; 1910, v. 26 (4-5), 127-128.—Man, 1881, ZJ, v. 1, 291-302.
 (NEW HAVEN) Verrill, 1870, 168-169, 173-174, 175, 176, 177, 178, 180, 222.
 (OXFORD) Osler, 1912, 8 ed., 294-310.—Rollest., 1870a, 133, 134, 135, 136, 137.
 (PADUA) Mol., 1860e, 331-358.
 (PARIS) Abblart, 1883b, 454, 455.—Andral, 1829a, 180; 1829, 505.—Brumpt, 1910a, 328.—Chatin, 1877, 278.—Deslgch., 1824ff, 565; 1824tt, 672; 1827b, 498.—Jolicœur, 1868a, 1-30.—Nev.-Lem., 1906a, 257-258; 1913a, 279-282.—Rail., 1892l, 703-704.—Roger, 1901a, 94.
 (PENN.) Lint., 1907, 90.
 (PETROGRAD) Kholodk., 1898, 2; 1899a, 169, 172.—Mordw., 1908, AMz, Petrograd, v. 13 (1-2), 161, 162, 169, 173.
 (PHILA.) Leidy, 1886e, 308-313, fig. 1.
 (PISA) Sons., 1896m, 437-449.
 (RUSSIA) Mitrofanow, 1883, 35.—Schep., 1908, 1-90, pls. 1-13
 (TEXAS) Smith, A. J., 1903, AJMS, 17.
 (TORINO) Aducco, 1888a, 359; 1889, 52.—Cagny & Gobert, 1910, Dv, v. 2, 317.
 (TRIESTE) Stoss., 1902c (e), 1-16, figs. 1-38; 1902d, 61-76, figs. 1-38; 1902f, 451; 1905a, 43.
 (UPSALA) Jägers., 1894b, 449-532, pls. 24-28; 1901a, 1-80, pls. 1-6 figs. 1-8; 1909, v. 15, 1-46, figs. 1-65; 1913, v. 4 (2), 1-64.
 (U. S. A.) Abbott, 1899, 224-233.—Montg., 1899a, 647.—Ward, 1895a, 238, 296; 1903l, 205-225, figs. 3535-3571; 1903m, 861; 1916, RHMS, v. 6, 676-704, figs. 4075-4116.
 (WARSAW) Tarnani, 1896a, 445-448.
 (WASH., D. C.) Hall, 1916a, 4-6, 9, 39, 106, 178.—Rans., 1908, v. 64, 304-314; 1911a, 13, 24, 26, 99, 104, 110.—Stiles, 1903, 13, 14, 24, 30, 115; 1907c, 53; 1907e, 531.—Stiles & Hass., 1899a, 101.—Stitt, 1910a, 232, 323; 1916a, 313.
 (WIEN) Claus, 1885a, 285-297.—Dies., 1856g, 276; 1857a, 6-26, pls. 1-4; 1857b, 1-21, pls. 1-4; 1861a (b), 595-736, figs. 1-11 (revision).—Wedl, 1856b, 122-134, pl. 1, figs. 1-18.
 (WÜRZBURG) Eberth, 1862f, 46-50; 1863a, 1-77, pls. 1-9.—Seifert, 1908a, 510, 545.
 (MISCELLANEOUS) Babesin, 1880, 158-165.—Campb. & Lacr., 1907, 67, 68.—F., S., & T., 1916a, 360, 364-366, 370, 371, 372, 373, 378, 412, 473, 644.—Johnson's New Universal Cyclopædia, 1877, v. 3, 764-765.—Lanlame, 1868 or 1884, 166.—Meyer, 1891?, 398-410, pls. x-xi.—Musser, 1913a, 436.—Oppenheim, 1900, 184.—Rimpau, 1908, v. 34 (32), 1394-1396, figs. 1-2.—Speigler, 1910, v. 26 (4-5), 128-129.—Treub, 1887, 93.—Wagner, E., 1883, 122-127.—Ziegler, 1895, 539-549, figs. 406-419.
 Anatomy: (BERL.) Lieberk., 1855a, 314-336, pls. 12-13 figs. 1-11.
 (BRESLAU) Rohde, 1883a, 1-26; 1885a, 11-32, figs. 1-35.
 (CAIRO, EGYPT) Looss, 1914, RESM, v. 4, 173-277.
 (GIESSEN) Schneid., 1863a, 1-25, pls. 1-2.
 (GR. BRIT.) Rollest., 1888a, 676.
 (LEIPZIG) Leuck., 1887b, 565-704, pls. 1-3; 1887c; 1887d, 95-97.
 (NEBRASKA) Seawell, 1896a, 10-11, figs. 1-2.
 (RUSSIA) Fedtsch., 1874a, 51-68, figs. 1-14.—Nassonov, 1897b, 1-30, figs. 1-11; 1898g, 1-24, 25-43, figs. 1-17; 1898m, 1-30, 133-176, pls. 1-2; 1899a, 61-86, pls. 1-2; 1899b, 1-16; 1900a, 440-449.
 (UPSALA) Jägers., 1894b, 449-532, pls. 24-28; 1894c, 452.
 —, body cavity: (DEUTSCHLAND) Hamann, 1892b, 501-503; 1892c, 482-483.
 —, cuticle: (AUSTRALIA) Cleland & Johnst., 1912, 299-300 (injury and repair).
 (COESFELD) van Bœmmel, 1895a, 189-212, pl. 11 figs. 1-17.
 (ITALY) Cam., 1889c, 757-776, figs. 1-21.
 (STOCKHOLM) Retz., 1906a, 101-106, figs. a-f.

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- Anatomy, epidermis: (PARIS) Chatin, 1892a, 135–136.
- , excretory system: (DEUTSCHLAND) Golowin, 1902a, 1–120; 1902b, 449; 1905, 32–33.—Hamann, 1892b, 501–503; 1892c, 482–483.—Schneid., 1858b, 426–436, pl. 15 figs. 1–9.
- , feuillets blastodermiques: (FRANCE) Conte, 1901a, 1064–1066.
- , filaments ovulaires: (PARIS) Fourm., 1883c, 575–578; 1883d, 1–4.
- , Haftorgane: (WÜRTTEMBERG) Weinl., 1859a, 97–99, pl. 1 figs. 1–2.
- , lateral lines: (DEUTSCHLAND) Schneid., 1858b, 426–436, pl. 15.
- , Lemniskens: (GÆTT.) Hamann, 1890b, 210–212; 1890c, 19; 1890, 1–3.
- , mouth: (WIEN) Wedl, 1856a, 33–69, pls. 1–3 figs. 1–41.
- , muscles: (BRESLAU) Rohde, 1892a, 515–526; 1893b, 40–41.
(GIESSEN) Schneid., 1860b, 224–242, pl. 5 figs. 1–12; 1869a, 284–286.
(PARIS) Chatin, 1879d, 278–279.
- , nervous system: (BRESLAU) Rohde, 1892a, 515–526; 1893b, 40–41.
(GIESSEN) Schneid., 1860b, 224–242, pl. 5 figs. 1–12; 1863b, 197–200.
(HEIDELBERG) Büetsch., 1885c, 486–493, figs. 1–3; 1886, *AZeg*, v. 4, xi–xii.
(LOND.) Cobbold, 1863g; 1864a, 55–56.
(PETROGRAD) Deineka, 1907, *BAiS*, v. 1 (12–18), 511–529, figs. 1–12.
(TÜBINGEN) Leyd., 1861b, 606–614.
(WIEN) Wedl, 1855d, 298–312, pl. 1 figs. 1–10.
- , oesophagus: (GÆTT.) Hamann, 1893c, 432–434; 1894a, 214–215.
- , l'ovijecteur: (PARIS) Seur., 1912, *CrSB*, v. 72 (18), 778–781, figs. 1–4.
- , phagocytære Organe: (RUSSIA) Golowin, 1901a, 1–149, pls. 1–3; 1901b, 751–752.
- , salivary apparatus: (FRANCE) Bail., 1862c.
- , Schneider'sche Porus: (GÆTT.) Hamann, 1893c, 432–434; 1894a, 214–215.
- , sex-organs: (GIESSEN) Schneid., 1859a, 176–178; 1860a, 506.
- , subcuticula und Seitenfelder: (DEUTSCHLAND) Martini, 1907, *ZwZ*, v. 86, 1–54, pls. 1–3 figs. 1–2; 1908, *ZwMmT*, v. 25 (1), 85–87; 1908, *ZwZ*, v. 91 (2), 191–235, figs. 1–13; 1909, *ZwZ*, v. 93 (4), 535–624, figs. z1–z2, pls. 25–26 figs. 82a–106c.
(GIESSEN) Schneid., 1858b, 426–436, pl. 15 figs. 1–9.
- Classification: (BERL.) Martini, 1913, *VdzG*, v. 23, 233–248, figs. a–b.
(DEUTSCHLAND) Glaue, 1910, *ZA*, v. 35, 744–759, figs. 1–5.
(GÆTT.) Linst., 1897c, 608–622, figs. 1–30; 1897g, 289.
(CAMBRIDGE, ENG.) Shipley, 1896a (1901b), 137 (Nematozoa).
(KÖNIGSB. I. PR.) Braun, 1906a, 274.
(WASH., D. C.) Stiles & Hass., 1905b, 1–150 (genotypes of)
- Collections, expeditions: (AFRICA) Par. 1907a, 1–4.
(ANTARCTIC REGIONS) Linst., 1907, *PRSE*, v. 26 (6), 464–472, figs. 1–16; 1907, *JRMS*, (180) 555; 1909, *Rep. Voy. "Scotia,"* v. 5 (5), 45–51, pl. 1 figs. 1–16 (Scottish National Antarctic Expedition).
(EGYPT & SUDAN) Jägers., 1909, *RSZEE*, v. 3 (6), 1–66, pl. 1–4 figs. 1–23 (Swedish Zool. Expedition).
(TURKESTAN) Linst., 1883a, 274–314, pls. 6–9, figs. 1–52 (Fedtsch.); 1886c, 1–40, figs. 1–55.
- Collections, museums: (BERL.) Linst., 1899b, 3–28, figs. 1–78; 1899, *AN*, v. 33, 902–903; 1907, *MzM*, v. 3 (3), 251–259.
(COLOMBO) Linst., 1904, *SZ*, v. 1 (4), 1–14, tab. 1–2; 1907, *AN*, v. 2 (3), 165–168.
(KÖNIGSB.) Linst., 1906, *AN*, v. 1 (3), 249–258, figs. 1–20.
(LOND.) Oerley, 1882b, 301–318, pl. 10 figs. 1a–3b; 1884a.
(WIEN) Drasche, 1883b, 117–138, pls. 7–10; 1884a, 107–118, pls. 3–5; 193–218, pls. 11–14.
- Geographic distribution (fauna): (ANTARCTIC) Cobb, 1916, *JP*, v. 2 (4), 195.
(BOLOGOJE-SEE) Plotnikov, 1901a, 244–251, figs. 1–2.

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(DEUTSCHLAND) Brakenhoff, 1914, AnV Bremen, v. 22, 266–331, pls. 1–3.

(HUNGARY) Ratz, 1900f, 178–186, pl. 5, figs. 1–10; 1904b, 17.

(INDIA) Stewart, 1916, RIM, v. 10, 165–193, pls. 1–6.

(IRELAND) Hewitt, 1913, IN, v. 22, 147–151, figs. 1–12.

(LAGOS) Connal, 1912, JLSTM, v. 1 (3) 229–237, figs. a–n.

(OSTPREUSSEN) Linst., 1906, v. 47, 111–114, figs. 1–7.

(ROUMANIA) Jaquet, 1899a, 312–314.

(SCOTLAND) Evans, 1915, SN (48), 360.

(S. TUNIS) Seur., 1913, BSHnA, v. 5 (6), 126–130, figs. 1–5.

Cytology: (GæTT.) Rhumbler, 1901a, 60–88, figs. 1–21; 1901b, 306.

(JENA) Bonnevie, 1901a, 275–288, pls. 1–2; 1901, ZC, v. 8 (19–20), 640.

Development: (ALGER) Maupas, 1899a, 563–628, pl. 1–2.

(BOLOGNA) Erc. & Vella, 1854d, 45–46; 1854e, 245; 1855a, 73–74.

(BUDAPEST) Oerley, 1877a.

(CAIRO, EGYPT) Looss, 1914, RESM, v. 4, 173–277.

(CHARKOW) Metschn., 1866a, 1–23; 1866c, 144.

(DARMSTADT) List, 1894a, 1–32.

(DEUTSCHLAND) Martini, 1906, VaG, v. 20, 266–274, figs. 1–5; 1907, v. 61, 23–27; 1908, JRMS, (5), 591; 1909, JRMS (3), 354.

(FRANCE) Jammes, 1894a, in 1–205, pls. 1–11 figs. 1–11; 1907, CrSB, v. 62, 137–139; 1907, JRMS (178), 305; 1910, v. 1 (1), 12.—Vaillant & Luton, 1879a, 1–108 figs. 1–55.

(FREIBURG IN BREISGAU) Ziegler, 1895a, 351–410, pls. 17–19; 1896a, 312–313.

(GæTT.) Linst., 1885d, 708–717, pl. 28 figs. 1–16; 1886d, 227; 1886e, 246–248.

(LEIPZIG) Leuck., 1866e, 195–235; 1866h, 208–215, pl. 1 figs. 1–6; 1866i, 245–247; 1866l, 331–347, 447–464; 1887b, 565–704, pls. 1–3; 1887c; 1887d, 95–97.

(LILLE) Hallez, 1885c, 205–208, 313–316; 1885d, 170–172; 1885e, 1–4; 1885f, 831–834; 1885g, 809–810; 1886b, 75.

(PADUA) Mol. 1860a, 706–716, pl. 1 figs. 1–4; 1861d, 491 (retrograde metamorphosis).

(TORINO) Perronc., 1904e, 285–291; 1904f, 202; 1905e, 873; 1907g, 157.

—, embryology: (LYON) Conte, 1902, AUL (8), 1–133, figs. 1–137; 1905, 30–31.

—, embryogeny: (BOLOGNA) Erc. & Vella, 1854a; 1854b; 1854c, 196.

(LILLE) Hallez, 1885h, 1–71; pls. 1–4; 1885c, 205–208; 1886a; 1887b, 24–25; 1887c, 517–522; 1877d, 400; 1887, 1–3.

—, reproduction: (ALGER) Maupas, 1900, AZeg, v. 8 (3), 5–8; 1900a, 463–624, pls. 16–26; 1901a, 534–536; 1904a, 3–4.

(FRANCE) Maupas & Seur., 1916, CrSB, v. 79 (13), 614–618.

(LEIPZIG) Leuck., 1884a, 320; 1884b, 455.

(MOSKOW) Gros, 1854b, 36–39; 1854c, 1069–1070; 1855a, 204–226, pls. 1–2; 1855, 1–23, pls. 1–2 figs. 1–29; 1–17.

(U. S. A.) Cobb, 1916, JP, v. 2 (4), 195.

Eggs: (CAIRO, EGYPT) Looss, 1914, HdT, v. 2, 386.

(LYON) Conte, 1900b, 375–376; 1904, 4 (les conditions du ponte).

(RUSSIA) Mayzel, 1879a, 31–33; 1879b, 280–282 (segmentation).

(WÜRZBURG) Meyer, 1895a, 1–20, pls. 1–2 figs. 1–27 (cytology).

—, chromosomes: (DEUTSCHLAND) Boveri, 1909, AZ, v. 4 (1), 132–141, figs. 1–2.—Gulick, 1911, AZ, v. 6 (3), 339–382, figs. 1–5, pls. 18–20 figs. 1–106.

—, fertilization: (BONN) Nussbaum, 1883a, 515.

(GENÈVE) Clap., 1858b, 106–128; 1858c, 175–198; 1859a (b), 1–101, pls. 1–8.

(LEIPZIG) Munk, 1858a, 365–416, pls. 14–15 figs. 1–28.

Free-living: (BUDAPEST) Daday, 1913, 664–668.

(DEUTSCHLAND) Grube & Leuck., 1849, AN, v. 1, 157, 358.—Schep., 1908b, 385–392, pl. 25 figs. 1–18; 1908g, 592.—Schultze, 1857a, pl. 8 figs. 1–3.—Wierendorff, 1903, DZ, v. 28 (51), 1978–1980.

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- (FRANCE) Conte, 1900a, 374-375; 1904, 4.
 (GR. BRIT.) Bast., 1865c (monograph).—Potts, 1908, 1908, PCPS, v. 14, 373-375; 1909, JRMS, v. (2), 187 (sexual phenomena); 1910, QJMS, v. 55, 433-484, figs. 1-11.
 (HEIDELBERG) Büetsch., 1873a, 1-124, pls. 17-27; 1873b, 1-124, pls. 1-11; 1876a, 363-413, pls. 23-26.
 (KÖNIGSB. IN PR.) Braun, 1906a, 20.
 (LOND.) Bast., 1866c (monograph); 1868a, 163-175, pl. 26; 1910, L, v. 178, v. 1 (8), 532.
 (LUXEMBURG) Wasmann, 1898b, 18-19.
 (NETHERLANDS) Man, 1904a, 1-51, pls. 1-11; 1907, AN, v. 2 (8), 170; 1907, ZC, v. 14 (18), 559.
 (U. S. A.) Cobb, 1913, S, v. 37, 498.
 —, anatomy: (JENA) Rauther, 1907a, 703-738, figs. A-G, 1-9; 1907b, 71-72; 1908, JRMS (5), 591 (oesophagus).
 (LOND.) Bast. 1865a, 371-374; 1866a, 545-638; 1865b, 197-200.
 (PETROGRAD) Filipjev, 1912, TSN, v. 43 (1), 220-222; 1913, CZaeB, v. 3 (5), 183 (nervous system).
 (U. S. A.) Cobb, 1916, JP, v. 2 (2), 95 (spinneret).
 —, filter-bed: (U. S. A.) Cobb, 1916, JP, v. 2 (4), 198.
 —, freshwater: (ALPINE REGIONS) Micol, 1913, SAW Wien, v. 122 (1), 111-122; (4), 543-548; 1914, ZJ, v. 36, 331-546, pls. 9-19; 1914, VGdNA, v. 85 (1), 692-695; 1915, ZJ, v. 38 (3-4), 245-274, pl. 25, figs. 1a-1d.
 (DOUGLAS LAKE, MICHIGAN) Cobb, 1915, TAMS, v. 34 (1), 21-47.
 (HUNGARY) Daday, 1897, ZJ, v. 10, 91-134; 1897, JRMS, 290; 1897, ZC, v. 4, 746-747.
 (INN RIVER, AUSTRIA) Stefanski, 1916, ZA, v. 46 (12), 362-368.
 (LAKE BALATON, HUNGARY) Daday, 1897, 81-119, figs. 50-104.
 (LAKE LÉMAN) Hofmæn., 1913, RsZ, v. 21, 589-658, pls. 1-2.
 (NETHERLANDS) Man, 1880a, 1-104; 1884a, 1-206, pls. 1-34 figs. 1-145.
 (N. AMERICA) Cobb, 1914, TAMS, v. 33 (2), 69-134, fig. 1, pls. 2-8 figs. 1-25; 1914, 25-99, fig. 1, pls. 2-8, figs. 1-25.
 (NEW ZEALAND) Cobb, 1904, 363-364, figs. 1-4; 1905, 316.
 (PARAGUAY) Daday, 1905, Z, v. 18 (44), 48-71, pls. 2-5; 1907, AN, v. 2 (3), 23.
 (SEINE RIVER) Man, 1907, ABL, v. 2 (1-2), 9-29, pls. 1-3, figs. 1-5g.
 (THAMES RIVER) Friend, 1911, N, v. 87, 551; v. 88, 244.
 (U. S. A.) Cobb, 1913, JWAS, v. 3 (16), 432-444, fig. 1.
 (VIERWALDSTÄDTER-SEE) Daday, 1906, ZA, v. 30 (13-14), 413-415, figs. 1-5.
 —, geographic distribution: Steiner, 1916, ZA, v. 46 (12), 337-349.
 (ALPINE REGIONS) Menz., 1914, AN, v. 80, 1-98, pl. 1 figs. 1-16.
 (ARABIA) Cobb, 1890b, 449-468.
 (AUSTRALIA) Cobb, 1893b, 252-308, figs. 1-10; 1894a, 38.
 (BOLOGOJE-SEE) Plotnikov, 1901a, 244-251, figs. 1-2.
 (CARNIOLA) Joseph, 1879a, 76-78; 1879b, 275-277 (in a grotto).
 (DENMARK) Ditlevsen, 1912, VMNF, v. 63, v. 3, 213-256, pls. 2-5 figs. 1-48.
 (FALKLANDS) Baylis, 1916, AMNH, v. 17, 288-298, figs. 1-4.
 (FLJI) Cobb, 1893b, 252-308, figs. 1-10; 1894a, 38.
 (GENEVA) Stefanski, 1913, ASpn, v. 35 (3), 304-305.
 (IRELAND) Southern, 1914, PRIA, v. 31, 1-68.
 (LEMAN) Hofmæn., 1912, BSvSn, v. 48, lv-lvi; 1912, 10-11.
 (POLAND) Stefanski, 1915, ZA, v. 45 (8), 346-349, figs. 1a-3b.
 (QUARRERO) Daday, 1901, Tf, v. 24, 433-457, pls. 1-3.
 (TRIESTE) Menz., 1912, RsZ, v. 20 (11), 535-542, figs. 1-2.

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- (SWITZ.) Hofmæn. & Menz., 1914, ZA, v. 44 (2), 80-91, figs. 1-10; 1915, RsZ, v. 33 (5), 109-243, pls. 4-6 figs. 1-20.—Steiner, 1914, RHP, v. 9 (2), 259-276, 420-438, figs. 1-29, 1-38.
- , in soil: (BONN) Greef, 1870a, 87-90; 1870, 1-4.
- (L'ÎLE DE WALCHEREN) Man, 1906, ASrzm, v. 41, 156-174, figs. 1-19.
- (NETHERLANDS) Man, 1876a, 78-196, pls. 3-13 figs. 1-51; 1876b, 1-119, pls. 3-13 figs. 1-51; 1880, 1-104; 1881a, 138-143.
- (U. S. A.) Cobb, 1913, JWAS, v. 3 (16), 432-444, fig. 1.
- , marine: Johns., 1912, N, v. 89, 320-321.
- (ANTARCTIC REGIONS) Cobb, 1914, 1-33, figs. 1-2, figs. 1-25.
- (AUSTRALIA) Cobb, 1898d, 383-407.
- (CETTE) Rouville, 1903a, 1002-1003; 1903b, 1526-1527; 1903c, 1527-1529 (canal des Bourdigues); 1905a, 788-797; 1907a, 23.
- (CHILKA LAKE, INDIA) Stewart, 1914, RIM, v. 10 (4), 245-254, pls. 30-32 figs. 1-27.
- (FORTH, SCOTLAND) Murray, 1906a, 164-165.
- (GULF OF FINLAND) Schneid., 1906c, 1-40, pls. 1-2 figs. 1-18b; 1906d, 625-627.
- (GULF OF NAP.) Man, 1877a, 88-119, figs. 1-19c; 1877b, 1-31, figs. 1-19c.—Tuerk, 1903a; 1903-04a, 281-348, pls. 10-11.
- (KIEL) Büetsch., 1874b, 237-292, pls. 1-9 figs. 1-39.
- (KOLAFJORD AND MOGILNOJE) Savelev, 1912, TSN, v. 43 (1), 73-74, 108-126, 1913, CZaeB, v. 2 (7-8), 255.
- (N. SEA) Man, 1886a, 1-82, pls. 1-13; 1888a, 1-51, pls. 1-4 figs. 1-20; 1889b, 1-10.
- (SUMATRA) Steiner, 1915, Z. J., v. 38 (3-4), 223-244, pls. 22-24 figs. 1-30.
- (ZEALAND) Man, 1907, TNDV, v. 10 (3), 227-244; 1907, MSz, v. 20 (1), 33-90, figs. 1-17b; 1908, JRMS (182), 49.
- Histology: (BERL.) Martini, 1908, AA, v. 32, 132-134.
- (DEUTSCHLAND) Quack, 1913, AZ, v. 11 (1), 1-50, figs. a-h, pls. 1-3 figs. 1-36; 1-18.
- (PETROGRAD) Schimkewitsch, 1899b, 407-410, figs. 1-2.
- Nematology, rhabditin: (U. S. A.) Cobb, 1914, JP, v. 1, 40-41, pl. 1.
- Parasitic: (AFRICA) Clapier, 1917, BSPE, 560-563 (Liberia, Guinea).—Leiper, 1911, PSZL, (2), 549-555, figs. 140-144.
- (BRAZIL) Trav., 1917, Bm, v. 31, 35.
- (FRANCE) Seür., 1913, 623-643, figs; 1916, 297-377, figs. 1-14.
- (GOTT.) Linst., 1906, ZJ, v. 24, 1-20, pl. 1; 1906, JRMS, (175), 672; 1909a, 47-83, figs. 1-80.
- (GR. BRIT.) Collett, 1897, Microscope, v. 5, 133-135.—Bast., 1865a, 371-374; 1865b, 197-200; 1866a, 545-638, pls. 22-28.
- (KÖNIGSB.) Braun, 1906a, 20.
- (ZOOLOGICAL GARDENS, LOND.), Shipley, 1894a, 531-533, pl. 35 figs. 1-6.
- (NAP.) Paladino, 1863a, 137.
- (NEW S. WALES) Cleland & Johnst., 1910, RGBM, 91-99.
- (PHILA.) Tyson, 1903a, 1189-1198.
- (TORINO) Cognetti de Martiis, 1909, ArAS, v. 44 (13), 699-706, pl. 1 figs. 1-12.
- (WARSAW) Nassonov, 1900b, 488-513, pls. 1-3; 1904a, 4-5.
- (WASH., D. C.) Rans., 1907k, 1-7; 1908, VJ, v. 64, 309-314.
- , diseases due to: (BOMBAY) Dalal, 1904, BMJ, v. 1, 835.
- (CAMBRIDGE, ENG.) Shipley, 1909, JEB, v. 4, 61-71.
- (EAST) Breinl, 1914-15, JTMH; v. 18, 173-178.
- (FRANCE) Fauré & Marotel, 1902a; 1903a, 188.
- (GR. BRIT.) Bast., 1880a, 68-77, figs. 1-3 (outbreak on "Cornwall").—Fleming, 1884a, 400-403.—Whittles, 1903a, 1435-1437, figs. 1-6; 1903b, 952; 1903c, 57; 1904c, 60; 1905b, 406-407.

NEMATODA—Continued.

Parasitic diseases due to—continued.

- (ITALY) Perronc., 1881u, 350–358, 461–468, pl. 3 figs. 1–11.
 (TUNIS) Weinberg & Romanovitch, 1909a, 3; 1909b, 355–356; 1909c, 130–131; 1909d, 841–842; 1910a, 603–604; 1910b, 44–46.
 (U. S. A.) Brown, 1906, AJO, v. 53, 852.
 (MISCELLANEOUS) Musser, 1913a, 530.
 —, hosts of, *Allobophora*: (CAMBRIDGE, ENG.) Shipley, 1906b, 522.
 —, —, *Ancistrodon contortrix*: (AUSTRALIA) McAlpine, 1891a, 36–39, pl. 8 figs. 1–10.
 —, —, *Aves*: (GR. BRIT.) Zoologist, 1898, v. 2, 413–416.
 (NEW YORK) Packard, 1893a, 111.
 (RUSSIAN TURKESTAN) Skrz., 1916, AMz Petrograd, v. 20, 457–557 (1–101), figs 1–58, pl. 8 figs 40, 41, 54, 59.
 (SWITZ.) Volz, 1899b, RsZ, v. 6, 189–198.
 —, —, bark-beetles: (DRESDEN) Fuchs, 1914, VGdNA, v. 84 (2), 688–692; 1914, RAE, v. 2 (6), 375; 1915, ESR, c. 33 (8), 750.
 —, —, *Beatrix antelope*: (U. S. A.) Gibbes, 1884a, 483–484, pl. 36.
 —, —, *Bos*: (ANNAM) Rail. & Henry, 1912, BSPE, v. 5 (2), 115–118.
 (DELI-SUMATRA) Vrijburg, 1907k, 321–332, pls. 1–5; 1908a, 267; 1908f, 276–277.
 (DEUTSCHLAND) Schiel, 1906a, 435–436.
 (FRANCE) Piettre, 1912, HVL, v. 6 (9), 473–488.
 (INDIA) Cleland, 1907, JTVS, v. 2 (1), 67–68.
 (U. S. A.) Stiles, 1901q, 1–8; 1901t (1902a), 356–379; 1902m, 7–14; 1902n, 580–586; 1902o, 388–391; 1902qq, 223–229; 1903ww, 110; 1904b, 286; 1905dd, 27–28.
 —, —, *Calotes versicolor*: (LOND.) Cobbold, 1859d, 366.
 —, —, *Canis*: (CALCUTTA) Hart, 1873a, 21–22.
 (FRANCE) Chauvrat, 1890a, 489–498.—Magnic, 1870a, 861–862.—Mégn., 1879l, 223.—Rail., 1889, RMv, v. 6 (3), 128–131.—Rail. & Henry, 1913, RMv, v. 90, 209–215, figs. 1–6.
 (GR. BRIT.) Theobald, 1898a, 21–24.—Wilkins, 1878a, 353–354.
 (NEDERL. INDIE) Vrijburg, 1899a, 212–213.
 (U. S. A.) Gaylord, 1913, JAMA, v. 60 (25), 2022.
 —, —, *Capra*: (U. S. A.) Stiles, 1901q, 1–8; 1901t (1902a), 356–379; 1902m, 7–14; 1902n, 580–586; 1902o, 388–391; 1902qq, 223–229; 1903ww, 110; 1904b, 286; 1905dd, 27–28.
 —, —, *Cavia cobaya*: (NEW YORK) Oliver, 1912, S, v. 36, 800–801 (ectoparasitic).
 —, —, *Cecidomyiidae* (Giard, 1894c, cccxi–cccxi).
 —, —, *Chironomus*: (ITALY) Corti, 1902a, 105–113; 1902b, 118–119; 1902c, 527; 1905, AN, v. 2 (3), 47.
 —, —, *Coluber blumenbachii*: (LOND.) Cobbold, 1859d, 365.
 —, —, *Dibolia cryptocephala*: (DEUTSCHLAND) Prowazek, 1900b, 19–20, fig. 1.
 —, —, *Dicotyles torquatus*: (LOND.) Cobbold, 1859d, 365, figs. 28.
 —, —, *Diporochæta grandis*: (AUSTRALIA) Buchanan, 1910, PRSV, v. 23 (1), 99–101, pls. 20–21, figs. 1–5 (Queensland).
 —, —, *Dolichotis patagonicus*: (FRANCE) Mégn., 1895c, 173–176, fig. 1.
 —, —, *Equus*: (FRANCE) Giard, 1880f, 281–282.
 (GR. BRIT.) Theobald, 1898a, 21–24.
 (INDIA) Gunn, 1884a, 315–316, fig. 1.—Hart, 1874a, 666–670.
 (LOND.) Vet., 1876, v. 49 (258), 392–393.
 —, —, *Felis dom.*: (DEUTSCHLAND) Widakowitch, 1905a, 447–450, figs. 1–8; 1905b, 158.
 —, —, fishes, freshwater: (U. S. A.) Ward & Magath, 1917, JP, v. 3 (2), 57–64, pl. 1 figs. 1–11.
 —, —, fur seal: (U. S. A.) Stiles & Hass., 1899a, 101ff.

NEMATODA—Continued.

- Parasitic hosts of, *Galago*: (GUINEA) Ben., 1890a, 389-393, figs. 1-7; 1891a, 509-510.
- , —, *Gallus dom.*: (DEUTSCHLAND) Ciurra, 1914, ZIpKHH, v. 15, 49-60, pls. 1-2.
- (GR. BRIT.) Theobald, 1898a, 21-24.
- , —, grouse: (CAMBRIDGE, ENG.) Shipley, 1909f, 263-279; 1909i, 355.
- , —, *Homo*: (BRAZIL) da Matta, 1916, Bm, v. 30 (15), 121-124; (17), 131-132; 1916, TDB, v. 8 (8), 515.
- (DEUTSCHLAND) Martin, 1775b, 431.
- (FRANCE) Bourel-Roncière, 1878, AMn, v. 30, 113-134, 192-214.—Cavalier, 1829a, 267-276.—Garin, 1913, 1-160, figs. 1-55.
- (GR. BRIT) Fagge & Pye-Smith, 1902a, 461-475.—Green, 1856a, 41-42; 1856b, 122-125.—Landon, 1907, BMJ, v. 1, 200 (Caesarean section complicated by).
- (ITALY) Addario, 1885, 135-148, pl. 1 (eye).—Par., 1881b, 8, pls. 9-10.
- (KÖENIGSB. I. PR.) Braun, 1906a, 25, 302-303.
- (LOND.) Mans., 1901c, 544-562.—Sansom, 1893a, 17-21.
- (HAMBURG) Paulsen, 1914, MmW, v. 61, 385-386 (in a carcinoma of the breast).
- (U. S. A.) Love, 1910, MS, v. 27 (4), 380-382; 1911, HR, v. 21 (9), 525.—Sanborn, 1906b, 67-69.—Stiles, 1914, MM, v. 2, 270.—Ward, 1903l, 205-225.
- , —, *Hylobius abietis*: (DRESDEN) Fuchs, 1915, ZJ, v. 38, 108-222, figs. 1-2.
- , —, *Hyracoidae*: (U. S. A.) Hall, 1916a, v. 50, 1-258, figs. 1-290.
- , —, insects: (KANSAS) Merrill & Ford, 1916, JAR, v. 6 (3), 115-127, figs. 1-3.
- , —, *Ips typographus*: (DRESDEN) Fuchs, 1915, ZJ, v. 38, 108-222, figs. 1-2.
- , —, *Lagomorpha*: (U. S. A.) Hall, 1916a, 1-258, figs. 1-290, pl. 1.
- , —, *Lagopus scoticus*: (CAMBRIDGE, ENG.) Shipley, 1909p, 335-350, pls. 48-55, figs. 1-46; 1910, JRMS, (2), 171.
- , —, *Lanius*: (BÖHMEN) Spinka, 1900, TC, v. 23 (19), 312.
- , —, *Lepus*: (GR. BRIT.) Nicoll, 1911, PZSL, 674-676, figs. 1-3.
- , —, *Limax griseus*: (FRANCE) Barthélemy, 1858a, 41-48, figs. 8-15; 1859a, 230-231; 1859b, 515; 1859c, 239.
- , —, *Lumbricus*: (CAMBRIDGE, ENG.) Shipley, 1902f, 619-623; 1903a, 418-419; 1905b, 42.
- , —, mammals: (CEYLON) Meyer, 1896a; 1896b, 54-82, figs. 1-25; 1895c, 627-628; 1897a, 94-95.
- (ITALY) Rizzo, 1901a, 309-317, figs. 1-3; 1904a, 796.
- , —, *Merlangus vulg.*: (FRANCE) Fourm., 1884a, (b), 1-8, pl. 16 figs. 1-11.
- , —, *Mus*: (F. A. M.) Fibiger, 1913, BkW, v. 50 (16), 762-763, figs. 1-2.—Loewenstein, 1913, BkW, v. 50 (16), 761-762.
- , —, *Musca*: (FRANCE) Chatin, 1877b, 305-306.
- , —, *Oligochaetes*: (ITALY) Pierantoni, 1916, BSN, v. 8, 139-163, pls. 1-5.
- , —, *Ovis*: (ENGL.) Blgr., 1914, P, v. 7, 240-249, figs. 1-4.—Hornby, 1913, JSEAC, 540-544.—Penberthy, 1897a, 381-390; v. 45, 113-114; 1897b, 238-251.
- (INDIA) Giles, 1892d, 45-47, pl. 1 figs. 1-9.
- (LOND.) Cobbold, 1876r, 673-676.
- (MÜLHAUSEN) Goldbeck, 1894a, 1-38, pls. 1-10.
- (U. S. A.) Stiles, 1901q, 1-8; 1901t (1902a), 356-379; 1902m, 7-14; 1902n, 580-586; 1902o, 388-391; 1902qq, 223-229; 1903ww, 110; 1904b, 286; 1905dd, 27-28.
- (WIEN) Koch, 1883a, 1-32; 1883b, 17-28, 33-38, 65-68, 97-99, 113-122, pls. 1-6 figs.
- , —, *Periplaneta orientalis*: (DEUTSCHLAND) Büetsch., 1871a, 252-293, figs. 1-29a.
- , —, *Reptilia*: (FRANCE) Rail. & Henry, 1912, BSPe, v. 5 (4), 251-259, figs. 1-3.
- , —, "Rinchite dell'Olivio": (ITALY) del Guercio, 1914, Redia, v. 9, 233-234.

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- Parasitic, hosts of, *Rodentia*: (U. S. A.) Hall, 1916a, v. 50, 1-258, pl. 1 figs. 1-290; 1916, RMv, v. 92 (15-16), 517-521.
- , —, ruminants: (U. S. A.) Rans., 1911a, 13, 24, 26, 99, 104, 110; 1917, TASTM (for 1916), 80-84 (transmissible to Homo).
- , —, *Sagitta*: (ITALY) Pierantoni, 1914, ICZ, 663-664.
- , —, *Sturnus vulg.*: (ITALY) Zannini, 1908a, 177-179.
- , —, *Sus*: (FRANCE) Perrin, 1851a, 158-160.
- (LEIPZIG) Züern, 1881a, 108-110, figs. A-B.
- (WASH., D. C.) Foster, 1912, B158, BAI, 1-47, figs. 1-28, pl. 1.
- (WITTENBERG) Duncker, 1881b, 55.—Fischer, 1881a, 39.
- , —, *Tænia pusilla*: (CHARKOW) Dampel, 1901a, 37-43, figs. 1-2; 1901, TSNUK, v. 35, xxxv-xliii; 1902a, 118.
- , —, termites: (FRANCE) Lespès, 1856a, 335-336, pl. 8 figs. 9-15; 1857a, 388-390.
- , —, *Testudo græca*:* (WIEN) Drasche, 1884b, 325-330, pl. xix.
- , life history, development, etc.: (DEUTSCHLAND) Dewitz, 1899a, 91-92; 1899b, 160.
- (FRANCE) Jammes & Martin, 1908, 162-163; 1910, CrAS, v. 150, 418-419 (adaptation to temperature of host); 1910, CaeB, v. 1 (1), 12; 1910, Rs, v. 48 (9), 286; 1910, CrAS, v. 151, 250-251 (rôle of chitin); 1910, Rs, v. 48 (5), 155; 1910, Rv, v. 35 (9), 555-556.—Martin, 1913, ASn, v. 18 (1-2), 1-151.—Seur., 1912, CrSB, v. 73, 279-281, figs. 1-2; 1913-14, ICZ, v. 1, 31-32; 623-643, figs. 1-20.
- , mode of infection: (BRIT. GUIANA) Kennard, 1904a, 1379.
- (DEUTSCHLAND) Lûche, 1906, SPcG, v. 47, 97-103; 1906, JTM, v. 9 (21), 339-340; 1906, Bdl'IP, v. 4 (16), 695.
- (GR. BRIT.) Bast., 1904, L, v. 166, v. 1 (12), 833.
- , treatment (therapeutic): (BRUXELLES) van den Eeckhout, 1915, IVC, (10), v. 3, 727-732; 1915, Cv, v. 38 (7-8), 344-345.
- (FRANCE) Rail, 1915, RMv, v. 91 (15), 490-513; 1915, IVC, (10), v. 3, 732-753.—Steffani, 1906a; 1908a, 458 (garlic).
- (GR. BRIT.) Anderson, 1864, 443-445 (santonine).
- (IRELAND) Craig, 1915, IVC, (10), v. 3, 754-780; 1915, MVB, v. 7 (1), 18-27; 1915, AVR, v. 46 (5), 490-509; 1915, VR, v. 28, 86-93, 99-102; 1915, AJVM, v. 10 (12), 942-952, 974; 1916, MVB, v. 7 (2), 54-58.—Gaiger, 1915, VR, v. 28, 128-130.
- Of plants: (BOMBAY) Carter, 1861, TMPS, 1 (in fungus on tamarind trees).
- (CAIRO) Preyer, 1902a, 240-242 (banana plant).
- (DEUTSCHLAND) Marcinowski, 1909, AbAB, v. 7 (1), 1-192, figs. 1-76, pl. 1 figs. 1-14; 1910, CifB, v. 26 (4-5), 129-132; 1910, v. 46 (16), 493.—Noack, 1898a, 137-142, 202-203, pl. 1 (coffee).—Schwartz, 1911, MK, v. 7, 265-267.
- (FRANCE) Chatin, 1880b, 362.
- (MICHIGAN) McClintock, 1915, MAES, 1-23 (in root-knot).
- (PRETORIA, S. AFRICA) AJUSA, 1911, v. 2 (6), 709 (carnation).
- (QUEENSLAND) Tryon, 1909a, 100-102 (root gall).
- (RIO DE JANEIRO) Gœldi, 1892a, 7-123, figs. 1-44 1 map.; 1894, JRMS, (4), 452 (coffee).
- (SWITZ.) Osterwalder, 1901a, 337-346, figs. a-h, pl. 1488 figs. 1-10; 1901b, 281-283, pl. 1; 1903a, 338-342, figs. 1-5.—Schellenberg, 1901a, 57-58.
- (U. S. A. AND AUSTRALIA) Cobb, 1893a, 31-56; 1893, AG, v. 4 (10), 808-833, figs. 29-46; 1894b, 38; 1906, v. 6, 163-195 (inhabiting soil about roots of cane).
- Relationships: (DEUTSCHLAND) Rauther, 1909, EFZ, v. 1, 491-596, figs. 1-21.
- (U. S. A.) Cobb, 1915, YUSDA, 457-490, figs. 26-45.
- species Boynton & Wharton, 1916, 353 (in cow; P. I.).
- species Frese, 1907, MmW, (11), 512-514, figs. 1-2 (in Homo; Halle a. S.).
- species Galeb, 1878b, 298 (in *Hvdrophilus*; Cayenne); 298 (in *Phyllhydrus rotundatus*; New York).

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- species Leidy, 1852b, 243, pl. 11 fig. 47 (in intest., *Armadillo pillularis*); 243, pl. 11 fig. 48 (in *Lumbriculus limosus*, cysts of skin); 241-243, pl. 11 figs. 42-45 (in *Passalus cornutus*, cav. abd.); 243, pl. 11 fig. 46 (in *Passalus cornutus*, thoracic cav.).
- species (immature) Lint., 1905d, 331, 350 (in *Galeichthys milberti*; Beaufort).
- species Hamilton, 1915, 141-143, pls. 3, 4 (in *Balenoptera musculus*, *B. sibbaldii*, *Megaptera longimana*).
- species Massa, 1886a, 89 (in *Ateucus sacer*; Pisa).
- species Schneid., 1875, 598, 603, pl. 22 figs. 85-86 (in *Audouinia lamarkii*).
- species Shipley & Hornell, 1904a, 102 (in *Tæniura melanospilos*).
- species Sons., 1896g, 117 (in *Salamandrina perspicillata*).
- species also reported for *Ardea cinerea*, *Bufo viridis*, *Felis dom.*, *Naja haje*, *Varanus niloticus*.
- Of sugar-beets: (BERNBURG) Krüger, 1911, BfZ, v. 18 (17), 294-300; (18), 311-313.—Wilfarth, 1900a, 195-204; 1902a, 681-687; 1902b, 283-285, 287; 1903a, 296.—Wilfarth & Wimmer, 1903a, 1-41, pls. 1-15; 1903b, 296-298.—Wimmer, 1904a, 1719-1725, figs. i-vii; 1905a, 53-54.
- (BÖHMEN) Vaňha, ?, 1-12.—Vaňha & Stoklasa, 1896a, 1-96, pls. 1-3, figs.
- (CHICAGO) Shaw, 1915, 1-55, figs. 1-3, pls. 1-8.
- (DEUTSCHLAND) Hollrung, 1901, BfZ, v. 8 (8), 114-116.—Schmidt, 1871a.—Schneidewind, 1902, BfZ, v. 9 (18), 280-283, 286.
- (FRANCE) Girard, 1887a, 522-524; 1887b, 512-513.—Larbaletrier, 1898a, 310-312, figs. 1-6.
- (SCHLANSFELD) Rimpau, 1901a, 113-114.
- (STUTTGART) Nomec, 1911, ZP, v. 21 (1-2), 1-10, figs. 1-6.—Vogel, 1882a, 223-224.
- (WIEN) Stift, 1912, OUZZL, v. 41 (3), 417-498; 1913, ESR, v. 28 (5), 446.
- Technique: (CAIRO) Looss, 1914, HdT, v. 2, 386.
- (FRANCE) Langeron, 1905a, 749-750; 1907, CfB, v. 39 (6-7), 222-223 (lactophenol de Amann pour le montage).
- Miscellaneous: (BRUXELLES) Enschedé, 1900, JmB, v. 5, 153-154.
- (FRANCE) Bail., 1867a, 140-141, 190-196 (vitality).—Rail., 1892l, 703-704; 1893e, 123.
- (GIESSEN) Schneid., 1856a, 192-197; 1857a, 111-112 (spermatozoa).
- (HAMBURG) Paulsen, 1913, MmW, v. 60 (34), 1909-1910.
- (HUGHESVILLE, MD.) Carrico, 1887a, 516.
- (LEIPZIG) Leuck., 1886c, 743-746; 1887i, 241-242.
- (LOND.) Marcet, 1865a, 69-70.
- (PETROGRAD) Sokolovski, 1888a, 415-416.
- (PHILA.) Mast & Root, 1916, JEZ, v. 21 (1), 33-49, figs. 1-5.
- (U. S. A.) Cobb, 1902b, 1023-1030, figs. 1-5 (the nematode formula); 1902c, 1-8, figs. 1-5, 1905; 33.—Stiles, 1892s, 972.
- (WASH., D. C.) PSI, 1915, (2359), 171-176 (nomenclature official list).
- (MISCELLANEOUS) Hollrung, 1905, 570.
- NEMATODIRUS Rans., 1907k, 1-7 (tod. filicollis); 1908, v. 64, 309-314; 1911a, 14, 20, 21, 23, 49, 82, 85, 86.—Braun, 1915a, 347.—Cast. & Chalm., 1913a, 551.—F., S., & T., 1916a, 438.—Geddes, 1911a, 120.—Hall, 1916a, 123, 131-132, 133, 136; 1916b, 518.—Nev.-Lem., 1912a, 645; 1914, BSzF, v. 39, 293-296, figs. 1-2 (*Strongylidæ*) (subg. *Nematodirus* and *Mecistocirrus*).—Rail. & Henry, 1909a, 86, 87 (zebu et bœuf); 1912, 565; 1912, BSzF, 35-39.—Seur., 1917, CrSB, 354.—Trav., 1914, Bm, 326 (5).
- didelphis* Trav., 1914, Bm, 326 (5) to (*Mecistocirrus*) (in *Didelphis aurita*; Rio de Janeiro).
- digitatus* (Linst., 1906) Rail. & Henry, 1909a, 87 (in zebu, bœuf); 1912, BSzF, 37-38 to (*Mecistocirrus*) (in Bos; Sumatra).—Blgr., 1915, P, 136.—Geddes, 1911a, 120 (in ox, zebu).—Nev.-Lem., 1912a, 715; 1914, BSzF, 296, fig. 2 to (*Mec.*, type).—Rans., 1911a, 14, 82, 85-86, 121 (in *Bos indicus*; Ceylon).

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- flicollis* (Rud., 1802) Rans., 1907k, 4 (in cattle & sheep; Europe & U. S. A.); 1911a, 14, 82-85, 86, 107, 121, 122, 123, figs. 87-92 (in *Antilocapra americana*, *Bos taurus*, *Capra hircus*, *Capreolus capreolus*, *Dama dama*, *Ovis aries*; U. S. A., Europe, New Zealand, Australia).—Blgr., 1914, P, v. 7 (3), 246 (in small intest., *Ovis aries*; Eng.); 1915, P, v. 8, 133-155, figs. 1-5, pls. 8-9.—Fiebiger, 1912a, 271.—Gedöelst, 1911a, 120, fig. 162 (in sheep).—Hall, 1916a, 132, 133, 135.—Ihle, 1917, 165, 167, 170.—Maupas & Seur., 1913, CrSB, 36, figs. 5-7.—Mote, 1914, 28.—Nev.-Lem., 1912a, 707, 717; 1914, BSzF, v. 39 (7), 294, 296, fig. 1, to (*Nematodirus*).—Pillers, 1914, VR, v. 27, 329-330, fig. 1.—Rail. & Henry, 1909a, 87; 1912, BSPE, 36, 37 (in mouton, chèvre).—Seur., 1913, 76, 82, 87, figs. 5-7; 1913, 126; 1913, CrSB, v. 74, 954-956, 1 fig. (in gundi); 1914, 636, 638; 1915, v. 78, 20 (intest., *Ctenodactylus gundi*; Sud-tunisien); 1915, 177.—Wolffh., 1911, 65.
- fordi* Leiper, 1911, v. 1 (1), 18.—Blgr., 1915, P, 136 (in man, pig).—Braun, 1915a, 348.—Brumpt, 1913a, 462.—Rail. & Henry, 1912, BSPE, v. 5 (1), 38-39 to (*Mecistocirrus*) (s. *Str. fordii*, *gibsoni*) (in *Bos*; India); 1912, 566 (s. *gibsoni*).
- gibsoni* (Stephens, 1909) Rail. & Henry, 1912, AdP, 566 (s. ? *Nematodirus fordii*) (in *Homo*).
- hopkeni* Leiper, 1910, PZSL, 233-234, fig. 26 (in Hippopotamus; Victoria Nile).—Rail. & Henry, 1912, BSPE, 37 (in hippopotame).
- mauritanicus* Maupas & Seur., 1912, CrSB, v. 73, 628-632, figs. 1-10 (in dromadaire; Ghardaia, Mزاب); 1913, CrSB, 36, figs. 3-4.—Blgr., 1915, P, 136.—Seur., 1913, 82, figs. 3-4; 1914, 635, 636, figs. 3-4.
- neotoma* Hall, 1916a, 132, 136-138, figs. 172-180 (in *Neotoma cinerea rupicola*, *N. desertorum*, *N. floridana baileyi*, *N. mexicana fallax*; Colo.).
- roscidus* Rail., 1911 in Brumpt, 1911, CrAS, 907, 908 (in cerf; France).—Blgr., 1915, P, 136.—Rail. & Henry, 1912, BSPE, 37 (in c.; Europe).
- spathiger* (Rail., 1896) Rail. & Henry, 1909a, 87; 1912, BSPE, 36, 37 (in bœuf, mouton).—Blgr., 1914, v. 7 (3), 246; 1915, P, 136, 137, 138.—Gedöelst, 1911a, 120 (in dromadaire).—Hall, 1916a, 132, 133-135, figs. 166-171 (in *Ctenodactylus gundi*; U. S. A., Europe, New Zealand, Australia, Tunis).—Ihle, 1917, 170.—Nev.-Lem., 1912a, 715.—Rans., 1911a, 14, 82, 85, 123 (in *Camelus dromedarius*; France).
- weinbergi* Rail. & Henry, 1909a, 87 (in Chimpanze; Weinb. & Romanovitch, 1908, 185-186, fig. C); 1912, BSPE, 36-37 (in C.).
- NEMATODUM** Dies., 1861a, 724-726 (for *Nematoideum*) [It is doubtful whether this should be interpreted as a generic name. It seems rather to be an indefinite collective name "*Nematode*"].
- bovis-tauri* Dies., 1861a, 724 (in eye, *Bos taurus*; Gohier, 1813, 435).—Ward, 1895a 334 (in B. t.).
- clyti* Linst., 1892, [nv.].—Seur., 1916, Bs, 364 (in *Clytus arcuatus*).
- fulicæ-atræ* Dies., 1861a, 724 (in *Fulica atra*; Crisp., 1855, 223).
- gamasii* Linst., 1892a, 327-328, 342, fig. 8 (in *Gamasus coleoptratorum*; lng.).—Seur., 1916, 359 (in G. c.).
- limacis-atræ* Dies., 1861a, 725 (in *Limax ater*; Sieb., 1848, 2).
- lumbrici* Dies., 1861a, 725 (in *Lumbricus* sp.; Lieberk., 1855, v. 26, 20, pl. 11 figs. 12-13).
- lumbriculi-limosi* (Leidy, 1852) Dies., 1861a, 725 (s. *Nematoideum integument lumbriculi-limosi*) (in *Lumbriculus limosus*; Leidy, 1852b, 243, pl. 11 fig. 48).—Linst., 1878a, 318 (in L. 1.).
- naidis-albida* Dies., 1861a, 726 (in *Nais albida*; in India, Carter, 1858, v. 2 (7), July, 100, 104, pl. 4 fig. 50 (mentions a Fil. in *Nais albida*)).
- natricus* (*pulmonale*) (Dies., 1851) Dies., 1861a, 724 (in *Tropidonotus natricus*; Wien, Wedl, 1855, 391, 395, 404, 408, pl. 3 fig. 33, pl. 2 figs. 13-14).
- ranæ-temporariæ* Dies., 1861a, 724 (in *Rana temp.*; Leidy, ZwZ, v. 4, 387, pl. 14 figs. 7-8).
- scymni-glacialis* Dies., 1861a, 725 (in *Læmargus borealis*; Ostend, Ben., 1853g, 259 (in stom., *Scymnus glacialis*; Ostend)).
- species Linst., 1889a, 21 (in *Ovis aries*; Ebertz, 1887a, 102-104, figs. 1-3).—Ward, 1859a, 337 (in O. a.).

NEMATODUM—Continued.

species Linst., 1889a; 20 (in *Bos taurus*; Leuck., 1876a, 534, fig. 285).—Ward, 1895a, 334 (in *B. t.*).

squalorum (sanguinis) Dies., 1861a, 725 (in *Mustelus lævis*; Sardinia, Leidig, 1851, 227).

squalorum Linst., 1878a, 279 (in *Mustelus lævis*) (for *squalorum sanguinis*).

Nematoelminti (see *Nematohelminthes*).—Perronc., 1881u, 350-358, 461-468, figs. 1-11.

NEMATOHELMINTHES.—Shipley, 1901, v. 2, 121-194, figs. 62-105.—Zool. Rec. v. 14, 12.

NEMATOIDEA Rud., 1809a, 55; 1819a, 3, 203-204, 634.—Andral, 1829d, 617; 1831a, 210.—Assmuss, 1865, 48.—Baird, 1853a, 2.—Beddard, 1884a (1890), 324-326, figs. 1-2.—Bellingh., 1844a, 101; 1845a, 474.—Brems., 1824a, 121-122.—Chiaje, 1825a, 1.—Cobbald, 1874m, 169.—Crep., 1839a, 277; 1844a, 116-117 (in *Dipus tetradactylus*).—Cuv., 1817a, 29.—Dewitz, 1892b, 127.—Dungl., 1893 (1895a), 739, 1107.—Eichw., 1829a, 250.—Eiss, 1838a, 24.—Goldb., 1855a, 108.—Græffe, 1860a, 51.—Güenth., 1858, 192.—Gurit, 1831a, 347 (as family).—L'Herminier, 1826a, 9-10 (as order).—Joy, 1835a, 503.—Kolenati, 1856d (1857a), 12.—Küech., 1852d, 149.—Leuck., 1842a, 38.—Macalister, 1865a, 45-48.—Mayer, 1841a, 25.—Mol., 1858d, 144; [1859h], 7-38, figs. 1-7, pl. 1; 1861c, 275.—Nordm., 1840, 558 (*Nematidea*).—Oerley, 1885a, 103.—Owen, 1835l, 388, 389, 393.—Riley, 1878, 331.—Schneid., 1866a, 13, 325, 326, 331, 337; 1876, 115, pl. 22 figs. 85, 86 (in *Audouinia lamarekii*).—Slawikowski, 1819b, 50.—Stossel, 1844a, 5 (in *Homo*).—Tschudi, 1837a, 19.—Weinl., 1859c, 282.—Westwood, 1851, 644.—Zwicke, 1841a, 21, 27 (in *H.*).

dipodis-tetradactyli Crep., 1844a, 116-117 (in *Dipus tetradactylus*; by Otto).

NEMATOIDEÆ (see *Nematoidea*).—Leidy, 1849a, 230; 1904a, 19.

NEMATOIDEUM Dies., 1851a, 329-342 (collective group of artificial value and without type species).—Oerley, 1885a, 105.—Stiles & Hass., 1899a, 164; 1905b, 122.

alause Mol., 1859h, 31-32 (in *Alausa vulg.*; Padua).

alcæ-picæ (Rud., 1819) Dies., 1851a, 336 (s. *Asc. alcæ*, *Echinor. alcæ*, *Proboscidea alcæ*) (in *Alca pica*; by Fabr.).

aliud bradypodis-tridactyli Crep., 1844a, 115-116 (in *Bradypus tridactylus*).

antilopes (Rud., 1810) Dies., 1851a, 332 (s. *Asc. hirci*, *Fus. hirci*) (in *Antilopes* sp.; by Sømmering).

argentinae-sphyræne (Rud., 1810) Dies., 1851a, 341 (s. *Asc. argentinae*, *Fus. argentinae*) (in *Scopelus humboldtii*; by Redi).

blapis-mortisagæ Dies., 1853a, 35 (in *Blaps mortisaga*; Stein, 1852, *ZwZ*, 204, pl. 10 fig. 11).

boæ-canine (Rud., 1819) Dies., 1851a, 336 (in *Eunectes scytale*; by Rud.).

bovis-tauri (Dies., 1861a) Dolley, 1894a, 1003 (in *dom. cattle*).

bradypodis-tridactyli Crep., 1844a, 115-116 (in *intest. Bradypus tridactylus*; by Otto).—Dies., 1851a, 312 (so. *Str. leptcephalus*).

bradypodis-tridactyli (aliud) Crep., 1844a, 115-116 (in *stom. wall, Bradypus tridactylus*; by Otto).

canis-familiaris Dies., 1851a, 331 (in *Canis fam.*; Warren, 1830, 208).—Ward, 1895a, 343 (in *C. f.*).

caprimulgi-europæi Crep., 1829a, 36-38 (in *Caprimulgus europæus*; Mus. Greifsw.).—Dies., 1851a, 334 (in *C. e.*; G.).

cavitatis abdominis passali-cornuti Leidy, 1852b, 241-243, pl. 11 figs. 42-45 (in *Passalus cornutus*; by Leidy); 1904a, 244-247.

cepolæ-rubescens (Rud., 1819) Dies., 1851a, 339 (in *Cepola rubescens*; Rimini).

colubri (Rud., 1819) Dies., 1851a, 337 (in *Thamnobius pœcilstoma*; Brazil, Rud., 1819a, 712).

colubri-americani Cobbald, 1861e, 124.

colubri-blumenbachii Cobbald, 1861e, 124.

colubri-natrix Crep., 1844a, 121-122 (in *lunus Coluber natrix*; by Crep.) [see *natrix* (pulmonale)].

colubri-olivacei (Rud., 1819) Dies., 1851a, 336 (in *Philodryas olfersii*; Brazil, Rud., 1819a, 189, 559).

NEMATOIDIUM—Continued.

- cydippes* Dies., 1851a, 342 (in *Cydippe pileus*?; Forbes, 1839, v. 3 (16), 145–150).—Bast., 1865c, 73.—[Sieb., 1841c, 291 (see *Fil. sp.*, Forbes).]
- dipodis-tetradactyli* Crep., 1844, 116–117 (in *Dipus tetradactylus*; by Otto) (Nematoidea).—Dies., 1851a, 331 (in D. t.; Breslau).—Hall, 1916a, 220, 223 (in *Scarturus tetradactylus*; Germany).—Also reported for *Alactaga tetradactylus*.
- equi-caballi* Peschel, 1844 [nv.]; [1845, 175].—Cobbold, 1874h, 86.—Dies., 1851a, 332 (in *Equus cab.*; Dresden).—Ward, 1895a, 340 (in E. c.).
- equi-caballi* Dies., 1851a, 332 (s. *Vermiculi trichinæ similes*) (in *Equus cab.*; Knox, 1836, 92–94, figs. 9–12; Dick, 1838, 74).
- falconis-albicollis* (Rud., 1819) Dies., 1851a, 333 (in *Falco albicollis*; Brazil).
- falconis-buteonis* (Rud., 1810) Dies., 1851a, 333 (s. *Cucullanus buteonis*) (in *Falco buteo*; Goeze, 1782a).—Also reported for *Buteo vulg.*
- falconis-fulvi* (Rud., 1810) Dies., 1851a, 333 (s. *Str. falconis-fulvi*) (in *Falco chrysaëtos juvenilis*; by Braun).—Also reported for *Aquila chrysaëtos*.
- falconis-nævii* (Rud., 1819) Dies., 1851a, 333 (in *Falco nævius*; M. C. V.).—Also reported for *Aquila nævia*.
- fiatolæ* (Rud., 1819) Dies., 1851a, 339 (in *Stromateus fiatola*; Rimini, Rud., 1819a, 192, 562).
- fringillæ-domesticæ* (Rud., 1819) Dies., 1851a, 335 (in *Fringilla dom.*; M. C. V.).
- fulicæ-atræ* (Dies., 1861) Linst., 1899b, 16 (so. *Spiropt. helix*).
- gadum* (Rathke, 1799) Dies., 1851a, 341 (in *Gadus æglefinus*, G. morrhua G. virens; by Monro and Rathke).
- giraffæ* Linst., 1878a, 55 (in *Camelopardalis giraffa*; Pruner, 1847a, 249–250).
- gobii* (Rud., 1819) Dies., 1851a, 340 (in *Gobius jozo*; M. C. V.).—Also reported for *Gobius cruentatus*, G. quadrimaculatus.
- hæmatopodis-ostralegi* Crep., 1829a, 35–36 (in *Hæmatopus ostralegus*; by Crep.).—Dies., 1851a, 335 (in H. o.; Greifsw.).
- hirundinis-apodis* Crep., 1829b, 34–35 (in *Hirundo apus*; by Crep.).—Dies., 1851a, 334 (in *Cypselus apus*).—[Mehl., 1831a, 97.]
- hominis* Dies., 1851a, 329 (based on Degland, 1823, 166 and 1825, 309) (in *Homo*) (so. *hominis ventriculi*).
- hominis* Cobbold, 1866a, 7 (of Pruner, so. *Pentast. constrictum*), 9 (of Degland so. *Gord. aquaticus*).—Braun, 1903a, 340 (so. *Poroc. constrictus*); 1908a, 376.—Küech., 1855a, 225.
- hominis (ventriculi)* Dies., 1851a, 329 (s. *hominis*, *Ophiost. poutierii*).
- hominis (viscerum)* Dies., 1851a, 329 (in *Homo æthiopicus*; by Pruner) [see *Poroc. constrictus*].
- integumenti lumbriculi-limosi* Leidy, 1852b, 243, pl. 11 fig. 48 (in *Lumbriculus limosus*; by Leidy); 1904a, 248.
- intestinatorum armadillonis-pillularis* Leidy, 1852b, 243, pl. 11 fig. 47 (in *Armadillo pillularis*; by Leidy); 1904a, 248.
- labri-nilotici* (Rud., 1819) Dies., 1851a, 340 (in *Chromis nilotica*).
- lacertarum* (Rud., 1810) Dies., 1851a, 336 (in *Lacerta viridis*, L. africana?, *Polydædalus niloticus*; by Redi).—Rizzo, 1902b, 34.—Also reported for *Varanus niloticus*.
- lari-ridibundi* Dies., 1851a, 321 (to Str.) (quotes Crep., 1829b, 36; 1846a, 140) (in *Larus ridibundus*; by Schill., 335–336 (in L. r.; Greifsw.)).—Linst., 1878a, 168 (in L. r.).—Rans., 1904a, 43 (so. *Syngamus lari*).
- lepidodis-peronii* Linst., 1878a, 366 (misprint for *lepidopodis-peronii*).
- lepidopodis-peronii* Crep., 1844a, 127–131 (for *Lyorhynchus lepidopus* Risso, 1826a, 260).—Dies., 1851a, 339 (in *Lepidopus argyreus*; by Otto).
- mænæ* Dies., 1851a, 339 (in *Mæna vulg.*; M. C. V.) (s. *Cucullanus spari*).
- maluri-longicaudæ* Dies., 1851a, 335 (in *Malurus longicauda*; Calcutta).
- miniopteri* Kolenati, 1856d (1857a), 15 (in *Miniopterus shreibersii*).
- murænæ-anguillæ* (Rud., 1810) Dies., 1851a, 341–342 (in *Anguilla vulg.*; Greifsw.).—Hofer, 1904a, 239 (in A. v.).—Linst., 1899b, 9 (so. *Asc. anguillæ*).
- muris-amphibii* (Rud., 1810) Dies., 1851a, 319 (so. *Str. lemni*).—Hall, 1916, 122, 123 (so. S. I.).

NEMATODEUM—Continued.

- muscipapæ-flammæ* Dies., 1851a, 335 (in *Muscipapa* [*Phœnicornis*] *flammea*; Calcutta).
- myrmecophagæ* Dies., 1851a, 331 (in *Myrmecophaga didactyla*; Brazil, based on Rud., 1819a, 186).
- natricis* Wedl., 1855a, 391 (in *Tropidonotus natricis*; Crep., 1844a, 121).—Mûeh., 1898b, 52 (in T. n.).—Mûell., 1889, v. 15 (4-5), 317 (in T. n.).—Sibbald, 1857a, 415-417, pl. 8 figs. 8-11 (in the common *Coluber*; by Sibbald) (attributes species to Crep., see *natricis* (*pulmonale*)).
- "*natricis* Rud." of Linst., 1878a, 188 (see *natricis* (*intestinale*)).
- natricis* (*intestinale*) Dies., 1851a, 337 (s. *colubri-natricis*) (in *Tropidonotus natricis*; Rud., 1810a, 270).
- natricis* (*pulmonale*) Dies., 1851a, 337 (in *Tropidonotus natricis*; Greifsw., quotes Crep., 1844a, 116 [see also 121]).—Wedl., 1855a, 390-392, pl. 3 fig. 33 (in T. n.) (*natricis*); 1855b, 404-406, 408, figs. 13-14 (in T. n.).
- ovis* (Rud., 1810) Dies., 1851a, 332 (in *Capra aries*; by Gœze).—Curtice, 1890c, 16.—Ward, 1895, 337 (in *Ovis ar.*).
- ovis* (*pulmonale*) Dies., 1851a, 333 (in *Capra aries*; by Sandie & Padley, 1849a, 102-104, figs. 5-10, in lungs of sheep; Liverpool).—Fiebiger, 1912a, 261.—Hall, 1916a, 166 (so. *Synthetocaulus rufescens* Leuck.).—Hut. & Mar., 1910b, 69.—Koch, 1883a, 4, 9 (to *Pseudalius*).—Rail., 1893a, 427 (=Str. *rufescens*).—Schlegel, 1899a, 139.—Stoss., 1899d, 91 (37) (so. S. r.).—Ward, 1895, 337 (in *Ovis ar.*).—Züern, 1882a, 273, 274 (larva; so. Str. fil.).
- ovis pulmonalis* (see *ovis pulmonale*) Motz, 1886b, 613.
- paganelli* Mol., 1859h, 32 (in *Gobius paganellus*; Padua).
- passali* Leidy, 1852b, 243-244 (in *Passalus cornutus*; by Leidy) (so. *cavitatis abdominis passali-cornuti*).
- phacochoæri-africanæ* Crep., 1844a, 117 (in *Phacochoerus africanus*; by Otto).—Dies., 1851a, 332 (in P. a.; Breslau).
- pipæ-dorsigeræ* Crep., 1844a, 122 (in *Rana pipa*; by Otto).—Dies., 1851a, 338 (in *Astrodactylus pipa*; Breslau).—Also reported for *Pipa americana*.
- protei-anguini* (Rud., 1819) Dies., 1851a, 338 (in *Hypochthon laurentii*; Rimini).
- rajæ-batis* (Rud., 1819) Crep., 1844a, 123-126 (in *Raja batis*; by Otto).—Dies., 1851a, 342 (in R. b.; by Monro).—Oerley, 1885a, 105.
- rajæ-fullonicæ* (Rud., 1810) Crep., 1844a, 126 (quotes Fabr.).—Dies., 1851a, 342 (s. Asc. *rajæ*, Fus. *rajæ*, Ophiost. *rajæ*, Proboscidea *rajæ*) (in *Raja fullonica*; by Fabr.).—Oerley, 1885a, 105 (r.-fullonice).
- rajæ-fullonice* Oerley, 1885a, 105 (for *rajæ-fullonice*).
- ranæ* (Rud., 1819) Dies., 1851a, 338 (in *Cystignathus pachypus*; M. C. V.).
- ranæ-pipæ* (Rud., 1810) Dies., 1851a, 338 (in *Astrodactylus pipa*).—Also reported for *Pipa americana*.
- ranæ-temporariæ* Linst., 1878a, 197 (in *Rana temp.*; quotes Leidy, ZwZ, 387, pl. 14 figs. 7-8).
- salmonis-eperlani* (Rud., 1810) Dies., 1851a, 340-341 (in *Osmerus eperlanus*).—Hofer, 1904a, 238, 239, 259 (in O. e.).—Stiles & Hass., 1899a, 118.
- salmonis-spirinchi* (Rud., 1819) Dies., 1851a, 341 (in *Osmerus spirinchus*) (s. *Tæniola*).—Hofer, 1904a, 239 (in O. e.).
- scymni-glacialis* (Dies., 1861) Linst., 1878a, 284 (in *Læmargus borealis*; quotes Ben., 1853g, 259 in stom., *Scimnus glacialis*; Ostend).—Oerley, 1885a, 105.
- serpentum* (Gmel., 1790) Dies., 1851a, 337-338 (in *Vipera redii*).—Also reported for *V. aspis*.
- siluri-glanidis* (Rud., 1819) Dies., 1851a, 340 (s. *Cochlus armatus*, *Cucullanus ascaroides*, *Gœzia armata*, *Prionoderma ascaroides*, *Tænia cucullanus*) (in *Silurus glanis*; by Gœze, 1782a, 134, pl. 8 figs. 11-14).—Zsch., 1903, 146, 147.
- soricis-aranei* Crep., 1844a, 131-132 (in *Sorex araneus*; by Crep.).—Dies., 1851a, 331 (in S. a.).—Also reported for *Crocidura aranea*.
- species* Dav., 1877a, 776-777 (in lungs of cat; by Colin, 1867, 133).
- species* Par., 1894a, 248 (in *Canis fam.*; Torino).
- species* Vallisnieri, 1790 [nv.].—Par., 1894a, 248 (in *Homo*).

NEMATOIDEUM—Continued.

species.—Reported for *Cervus capreolus*, *Corvus frugilegus*, *Cypselus apus*, *Lepus cuniculus*, *Rana* temp.

sphyrænæ Linst., 1878a, 229 (for *sphyrænæ*-spet) (in *Sphyræna* vulg.).

sphyrænæ-spet (Rud., 1819) Dies., 1851a, 339 (in *Sphyræna* vulg.; Nap.).

squali-catuli (Rud., 1810) Dies., 1851a, 342 (in *Scyllium catulus*; by Redi).—Oerley, 1885a, 105.

squalorum (Linst., 1878) Oerley, 1885a, 105.

strigis (Rud., 1819) Dies., 1851a, 334 (in *Strix atricapilla*; Brazil).

talpæ Sieb., 1850, 358 [nv.]—Dies., 1851a, 561 (in *Talpa europæa*; by Reinh., 1847, 224).—Seur., 1916, 359.

thoracis-cavitatis passali-cornuti Leidy, 1852b, 243, pl. 11 fig. 46 (in *Passalus cornutus*; by Leidy); 1904a, 247.

tracheale Cobbold, 1864b, 333 (in *Homo*; quotes Rainey & Bristowe); 1866a, 6; 1867a, 6 (to Fil.).—Cast. & Chalm., 1910a, 407; 1913, 523.—Dolley, 1896a, 1004.—Stiles, 1907b, 50.

turdi (Rud., 1819) Dies., 1851a, 334 (in *Myothera campanisona*; Brazil).—Also reported for *Formicivora campanisona*.

ursi (Gmel., 1790) Dies., 1851a, 330–331 (in *Ursus arctos*).

vesperi-discoloris Kolenati, 1856d (1857a), 14 (in *Meteorius discolor*) (see *vespertilionis*-d.).

vesperi-serotini Kolenati, 1856d (1857a), 14–15 (in *Cateorus serotinus*; Patagium) (see *vespertilionis*-s.).

vespertilionis (Rud., 1810) Dies., 1851a, 330 (in *Vespertilionum* species variæ).—Kolenati, 1856d (1857a), 15 (*vesperiltonis*, in several *Vespertilio*).

vespertilionis-auriti (Rud., 1819) Dies., 1851a, 330 (in *Vespertilio auritus*; M. C. V.).—Kolenati, 1856d (1857a), 14 (in *Plecotus auritus*).

vespertilionis-discoloris (Rud., 1819) Dies., 1851a, 330 (in *Vespertilio discolor*; M. C. V.).—Also reported for *Vesperugo discolor*.

vespertilionis-serotini Crep., 1844a, 117–121 (in *Vespertilio serotinus*).—Dies., 1851a, 330 (in V. s.; Greisfw.).—Reported for *Vesperugo serotinus*.

NEMATOMORPHA.—Ritchie, 1915, SN, 111–115, 136–142, 255–262 (Scotland).

NEMATONEURA Owen, 1835l, 394 (subregnum, contains *Cœlelminta*).

NEMATOXYINÆ Rail., 1916, RMv, 521.

NEMATOXYS Schneid., 1866a, 29, 111–112, 190, 234, 245 (*tsd. ornatus*) (see also *Cosmocerca*).—A., D., & E., 1901b, 3.—R. Bl., 1888a, 661.—Galeb, 1878b, 236.—Hall, 1916a, 106.—Linst., 1909a, 48, 58.—Rail. & Henry, 1916, 248, 250; 1916, 115 (so. *Cosmocerca*).—Shipley, 1896a (1901b), 139, 142, 163.—Skrij., 1916, 73.—Stiles & Hass., 1905b, 122 (type *ornatus*).

commutatus (Dies., 1851) Schneid., 1866a, 113 (quotes Rud. as author), pl. 12 fig. 2, pl. 18 fig. 3 (in *Bufo cinereus*, *Rana escul.*, *R. temp.*).—André, 1912, 475, 481–482 (in *B. vulg.*), 484–485 (quotes Rud.); 1913, v. 21, 185, 197 (in *R. temp.*; Switz.).—Linst., 1877, 180–181, pl. 12 fig. 10 (s. *Asc. acuminata*, *A. brevicaudata*); 1889g, 563–564 (s. *A. c.*, *A. ac.*) (in *B. c.*, *R. t.*); 1909a, 58, fig. 23 (in *Bombinator igneus*, *Bufo variabilis*, *B. vulg.*, *Hyla arborea*, *Pelobates fuscus*, *R. e.*, *R. t.*, *Triton cristatus*, *Tropidonotus natrix*).—Müch., 1898b, 52 (in *Anguilla* vulg., *B. variab.*, *B. vulg.*, *Tro. natrix*).—Rail. & Henry, 1916, CrSB, 249.—Stiles & Hass., 1894e, 342 (in *R. t.*); 1905b, 122.—Stoss., 1898c, 81 (in *B. i.*; Trieste).—Also reported for *Anguis fragilis*, *Bufo aqua*, *B. cinereus*, *B. viridis*, *Calamites luteus*, *Leptodactylus sibilatrix*, *Thrynohyasschudii*, *Salamandra atra*, *S. maculosa*, *Triton cristatus*.

longicauda Linst., 1885d, 708–717, pl. 28 figs. 1–16 (in *intest.*, *Triton alpestris*, *T. cristatus*; lng.); 1889g, 564 (in *T. a.*, *T. c.*); 1909a, 58–59, fig. 24 (in *T. a.*, *T. c.*, *T. teniatus*).—Looss, 1892a, 106.—Rail. & Henry, 1916, 248.—Rollett., 1888a, 685 (in *T. a.*, *T. c.*).—Shipley, 1896a (1901b), 161 (in *T. a.*).

ornatus (Duj., 1845) Schneid., 1866a, 112–113, 116, 117, pl. 12 fig. 5, pl. 18 fig. 4 (in *Bufo cinereus*, *Rana temp.*, *R. escul.*, *Triton cristatus*; Europe).—André, 1912, 481–482; 1913, 185, 197 (in *R. e.*, *R. t.*; Switz.).—Buëtsch., 1873a, 57.—Jegers., 1897, 20.—Kholodk., 1901, 253 (in *R. t.*, *Bufo vulg.*).—Linst., 1877b, 181, fig. 11; 1889g, 549–566, pl. 27 figs. 1–32 (s. *Asc. brevicaudata* *bufonis-viridis*, *A. commutata*, *Cosmocerca commutata*) (in *B. c.*, *B.*

NEMATOTOXYS—Continued.

ornatus—continued.

- viridis*, R. e., R. t.); 1889i, 462–466; 1909a, 59, fig. 25 (in *B. vulg.*, R. e., R. t., *T. alpestris*, *T. cristatus*).—Martini, 1906a, 703, 704; 1907, *ZwZ*, 19–37, 44, pl. 2 figs. 52–64, pl. 3 fig. 82d; 1908, v. 32 (19), 552.—Mueh., 1898b, 52 (in *Anguis fragilis*, B. v., R. e., R. t.).—Rail. & Henry, 1916, 248.—Rollst., 1888a, 682.—Stiles & Hass., 1905b, 122.
- piscicola* Linst., 1907, v. 3 (3), 256–257, pl. 7 figs. 16–17 (in *Distichodus* sp.; *Kamerun*).
- tenerrimus* Linst., 1878b, 233–234, pl. 8 figs. 18a–b (in *Anguilla vulg.*; by Linst.); 1889g, 564–565 (in A. v.); 1907, v. 3 (3), 257 (in fish); 1909a, 59, fig. 26 (in A. v.).
- unguiculatus* Linst., 1906, v. 1 (3), 255, fig. 16 (in *Bufo viridis*; Korfu).—Skrj., 1916, 73, 139 (in B. v.).

NEMATOTHOA Shipley, 1896a (1901b), 137 (for *Nematentozoa*).

NEMONCHUS Cobb, 1913, *JWAS*, v. 3 (16), 438–439 (mt. *galeatus*).

galeatus Cobb, 1913, 438–439 (free; Arlington, Va.).

NEOECHINORHYNCHUS Hamann, 1905 in Stiles & Hass., 1905b, 123 (tod. *clavæceps*).—Van Cleave, 1916, *JP*, v. 2 (3), 107; 1916, *TAMS*, 228.

clavæceps (Zed., 1800) Hamann, 1905 in Stiles & Hass., 1905b, 123.

cylindratus (Van Cleave, 1913) Van Cleave, 1916, 228.

emydis (Leidy, 1851) Van Cleave, 1916, 107, 108, 109, 110 (in fresh-water turtles; U. S. A.); 1916, 228.

gracilisentis (Van Cleave, 1913) Van Cleave, 1916, 108, 109, 110 (in *Dorosoma cepedianum*); 1916, 228; 1919, v. 13 (8), 245 (type of *Gracilisentis*).

longirostris (Van Cleave, 1913) Van Cleave, 1916, *JP*, v. 2 (3), 109–110 (in shad); 1916, 228.

tenellus (Van Cleave, 1913) Van Cleave, 1916, 228.

NEOMERMIS Linst., 1904o. 491 (mt. *macrolaimus*).—Daday, 1911, *Mte*, v. 25, 478–479; 1913, 243, 244.—Stiles & Hass., 1905b, 123.

macrolaimus Linst., 1904o, 491–492, figs. 13–15 (marine flora; Saralaw); 1905z, 395.—Daday, 1911, v. 29, 478–479; 1913, 216, 224, 225, 226, 229, 234, 244.—Stiles & Hass., 1905b, 123.

NEONCHUS Cobb, 1893a, 819–820 (42–43) (mt. *longicauda*).—Stiles & Hass., 1905b, 123.

longicauda Cobb, 1893a, 819–820 (42–43), fig. 37 (about roots of sugar cane; N. S. Wales).—Stiles & Hass., 1905b, 123.

NEORHYNCHIDÆ Hamann, 1892d, 197.—R. Bl., 1895, 791.—Shipley, 1896a (1901b), 184; 1896c, 215–216; 1900b, 440 (fam. of *Acanthocephala*, contains *Neorhynchus*).

NEORHYNCHUS Hamann, 1892d, 197 (tsd. *clavæceps*, cf. *rutili*) [not *Neorhynchus* Slater, 1869, bird; not *Neorhynchus* Milne-Edwards, 1879, crustacean].—Bieler, 1913, *ZA*, v. 41, 234–236, fig. 1.—Luehe, 1905b, 266, 341, 343 (type *rutili*); 1911a, 9, 11; 1912, *ZJ*, 273.—Marotel, 1899a, 228; 1899b, 296, 301.—Marval, 1905a, 201, 205, 356.—Shipley, 1896a (1901b), 184, 185 (in *Mugil auratus*, *M. cephalus*); 1896c, 215; 1900b, 437, 440.—Stiles & Hass., 1905b, 123.—Van Cleave, 1913, *ZA*, v. 43, 177–190, figs. 1–5 (N. America).

agilis (Rud., 1819) Hamann, 1892d, 197.—Bieler, 1913, 234–236; 1913, 566–570, fig. P. (in *Mugil auratus*).—Marval, 1905a, 201.—Shipley, 1896a (1901b), 184, 185 (in *M. a.*, *M. cephalus*); 1896c, 215, 216 (in *M. a.*, *M. c.*); 1900b, 440 (in *M. a.*, *M. c.*).

clavæceps (Zed., 1800) Hamann, 1892d, 197.—Marval, 1905a, 201.—Shipley, 1896a (1901b), 178, 181, 184, fig. 96; 1896c, 215 (in *Cyprinus carpio*; larva in *Sialis niger*, *Nepheles octocula*); 1900b, 437–440 (in *C. c.*, *N. o.*; larva in *S. n.*, *Limnæa* sp.).

cylindratus Van Cleave, 1913, *ZA*, v. 43, 187–188, 190, fig. 4 (in *Micropterus salmoides*; Pelican Lake, Minn.); 1916, 228.

emydis (Leidy, 1851) Van Cleave, 1913, *ZA*, v. 43, 184–186, 190, fig. 3 (in *Emys geographicus*, *E. guttata*, *E. insculpta*, *E. serrata*, *Malacoclemmys geographicus*, *Pseudemys elegans*; Havana, Ill.); 1916, 228.

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gracilisensis Van Cleave, 1913, ZA, 178-181, 190, fig. 1 (in *Dorosoma cepedianum*; Ill. River, Havana, Ill.); 1916, 228.

hemignathi (Shipley, 1896) Marval, 1905a, 205, 210, 211, 356-359, pl. 4, figs. 135-136 (in *Hemignathus procerus*, *Ostinops decumanus*).—[Shipley, 1895, 277-278.]

longirostris Van Cleave, 1913, ZA, v. 43, 182-184, 190, fig. 2 (in *Dorosoma cepedianum*; Illinois River, Havana, Ill.); 1916, 228.

rutili (Müell., 1780) Lûche, 1905b, 343 (s. *Echinor. clavæceps*); 1911a, 11-13, figs. 1-3 (in *Abramis björkna*, *A. brama*, *Alburnus alburnus*, *Acerina cernua*, *Anguilla anguilla*, *Barbus barbus*, *Carassius carassius*, *Chondrostoma nasus*, *Cobitis taenia*, *Cyprinus carpio*, *Emys orbicularis*, *Esox lucius*, *Gasterosteus aculeatus*, *G. pungitius*, *Gobio gobio*, *Leuciscus leuciscus*, *L. idus*, *L. erythrophth.*, *L. phoxinus*, *L. rutilus*, *Lotta lota*, *Nemachilus barbatula*, *Perca fluviatilis*, *Rana escul.*, *Salmo fario*, *S. hucho*, *Tinca tinca*; larva in *Sialis niger*).—Bieler, 1913, ZA, 234-236, 1 fig. (in *Lotta lota*); 1913, 559-566, figs. N-O (in *G. a.*, *Lotta lota*, *P. f.*).—Porta, 1908, v. 3 (3), 225, 226 (s. cl.) (in *Cyprinidæ*, *R. e.*).—Ritchie, 1915, 34, 35 (in *G. a.*, *N. b.*, *S. f.*; Scotland).—Van Cleave, 1916, 229.

tenellus Van Cleave, 1913, ZA, v. 43, 188-190, fig. 5 (in *Esox lucius*; Lake Marquette, Minn.).

NETRORHYNCHUS Zenker, 1827a, 53 (mt. *blainvillii*).—Dies., 1851a, 343.—Stiles & Hass., 1905b, 123.

blainvillii Zenker, 1827a, 53 (in *Homo*).—Dies., 1851a, 343.—Stiles & Hass., 1905b, 123.

NETTORHYNCHUS Dolley, 1894a, 1004 (for *Netrorhynchus*).

blainvillii (Zenker, 1827) Dolley, 1894a, 1004 (? so. *Bothrioc.*).

NUADA Southern, 1914a, 9-10 (mt. *leptosoma*) (*Anguillulidæ*).

leptosoma Southern, 1914a, 10, pl. 1 figs. 1a-d (marine; Clew Bay).

NYGOLAIMUS Cobb, 1913, JWAS, v. 3 (16), 441 (mt. *tod. pachydermatus*).

pachydermatus Cobb, 1913, 441 (roots of cherry trees; Tokyo, Japan).

OCHETOCEPHALUS Linst., 1907, v. 29, 82 (mt. *javanicus*).

javanicus Linst., 1907, v. 29, 82-83, pl. 1 figs. 1-3 (in *Camponotus maculatus mitis*; Java).

ODONTOBIUS Roussel de Vauzème, 1834a, 330 (mt. *ceti*).—Carus, 1863, v. 2, 459.—Crep., 1839, 283.—Duj., 1845a, 292.—Gerv., 1838, v. 6, 196-197.—Mol., 1857a, 151.—Nordm., 1840a, 669.

acuminatus Eberth, 1863a, 28-29, pl. 1 figs. 6-9 (free; Nizza).—Büetsch., 1874b, 272 (belongs to *Anticoma*).

ceti Roussel de Vauzème, 1834a, 326-331 (in *Baleines*; Malouines Isl.); 1834b, 1-5, figs. 3-6; 1836a, 512-513.—Bast., 1865c, 161-162 (in *Balæna australis*; ad insulas Malorinas).—Carus, 1863, v. 2, 459 (in *Walfischbarten*).—Cobbold, 1879b, 427 (in *B. a.*).—Crep., 1839a, 283.—Duj., 1845a, 292.—Nordm., 1840a, 669.

filiformis Eberth, 1863a, 29-30, pl. 1 figs. 10-12 (free; Nizza).—Bast., 1865c, 162.

micans Eberth, 1863a, 28, pl. 1 figs. 1-5 (free; Nizza).—Bast., 1865c, 162.

striatus Eberth, 1863a, 30, pl. 1 figs. 21-27 (free; Nizza).—Bast., 1865c, 162.

ODONTOLAIMUS Man, 1880a, 61-62 (mt. *chlorurus*).

chlorurus Man, 1880a, 61-62 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 181-182.

ODONTOPHARYNX Man, 1912, ZJ, v. 33, 637-642 (mt. *longicaudata*) (*Anguillulidæ*).

longicaudata Man, 1912, 637-642, pl. 1 (in *Hyazinthenzwiebeln*; Wageningen).—Menz., 1914, AN, 49.

ODONTOPHORA Büetsch., 1874b, 285 (mt. *marina*) [not *Odontophorus Vieillot*, 1816, bird].—Stiles & Hass., 1905b, 124.

marina Büetsch., 1874b, 285, pl. 3 fig. 13 (*Austernbänke*; bei Sylt).—Villot, 1875a, 466 (Kiel).

ÆSOPHAGODONTUS Rail. & Henry, 1902a, 110-111 (*tod. robustus*); 1909b, 170; 1912, 565.—Blgr., 1916, P, in 420-439, figs. 1-7, pl. 22.—Gedöelst, 1911a, 127.—Nev.-Lem., 1912a, 649.

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robustus (Giles, 1892) Gedoelst, 1903a, 57, 92; 1911a, 127 (in horse, mule (Indes anglaises)).—Blgr., 1916, P, 433-437, fig. 7, pl. 22 figs. 1-7.—Hut. & Mar., 1913b, 517.—Nev.-Lem., 1912a, 744.—Rail., 1915, 735 (in horse, mule); 1915, RMv, 493.—Rail. & Henry, 1909b, 170.

ŒSOPHAGOSTOMA. (See *Oesophagostomum*.)

Oesophagostome (see *Oesophagostomum*).—Rail., 1888k, 217.

ŒSOPHAGOSTOME E. Rail. & Henry, 1909b, 169 (group of Ankylostominae, contains: *Oesophagost.*, *Chabertia*, *Ternidens*, *Agriost.*); 1912, v. 14, 564 (tribe of Strongylinae, diag., contains: *Oes.*, *Ch.*, *Tern.*, *Agri.*); 1913, BSPE, 506 (contains: *Oes.*, *Ch.*, *Tern.*, *Agri.*).—F., S., & T., 1916a, 439.—Lane, 1917, IJMR, 425, 427, 429.—Nev.-Lem., 1912a, 646.

Oesophagostomiasis (name of the infection with *Oesophagost.*).—Luckey, 1904, 5-12 (in cattle); 1904, 826.—Marotel, 1908, v. 62 (18), 457-461, figs. 1-3 (*oesophagostomose*, of cattle); 1908, JMVZ, v. 59, 591-604, figs. 7-10 (o. nodulaire); 1908, Cv, v. 31 (46), 749 (*oesophagostomosi*); 1908, AVR, v. 34 (3), 399; 1908, Rv, v. 33 (10), 653; 1909, Tmu, v. 1 (14), 306-307; 1909, T, v. 48 (1), 8-9; 1909, AMv, v. 58 (1), 37-39; 1909, ESR, v. 20 (9), 879; 1909, DtW, v. 17 (23), 335; 1909, JTVS, v. 4 (3), 463-466, figs. 1-3; 1910, v. 4 (1), 57-58 (in *Homo*).—Strong, 1910, BMMS, v. 2, 9-11.—Thomas, 1909, v. 3, 44-45 (in man); 1910, ATMH, v. 4, 57-88, pls. 1-5b, figs.—Weinberg, 1909, BIP, v. 7 (8) 356 (*anthropoides*); 1909, AdP, v. 13 (2), 161-203, figs. 1-14, pl. 1 figs. 1-2; 1909, CfB, v. 45 (6), 178.

intestinalis Hut. & Mar., 1910b, 513; 1913b, 514-516.

nodularis Hut. & Mar., 1910b, 513.

ŒSOPHAGOSTOMINÆ Rail., 1915, IVC, 734 (subf. of Strongylidæ, contains *Oesophagost.*, *Chabertia*, *Agriost.*); 1916, RMv, 521.

Oesophagostomose. (See also *Oesophagostomiasis*.)

bovine Velu, 1914, BScMv, 125-127.

nodulaire Marotel, 1908, BScMv, 329-336; 1908, JMVZ, v. 59, 522-534, figs. 1-16; 1908, v. 59, 591-604, figs. 7-10.

ŒSOPHAGOSTOMUM Mol., 1861a (b), 435, 443-445 (11, 19-21) (tsd. *subulatum* = *dentatum*).—A., D., & E., 1901b, 6.—Bertolini, 1909, v. 10 (1-6), 117-120.—Braun, 1915a, 349.—Brumpt, 1910a, 333, 393; 1913a, 453.—Cast. & Chalm., 1910a, 440; 1913a, 550.—Daniels, 1910a, 151; 1914a, 164.—F., S., & T., 1916a, 441.—Francis, 1894, 451.—Gedoelst, 1911a, 121.—Hutcheon, 1900e, 89-91; 1907, v. 30, 369-372.—Jowett, 1911, v. 2, 581-587, 2 figs.—Looss, 1911a, 515.—Neum. & Mayer, 1914a, 446.—Nev.-Lem., 1906a, 275; 1908a, 417; 1912a, 646.—Rail., 1888k, 216-218; 1893a, 449-452; 1900, 103; 1902b, 110.—Rail. & Henry, 1905, (Apr. 14), 644; 1906e, 448-450 (primates); 1909, v. 2 (10), 643-649 (in *Homo*); 1909b, 169; 1912, AdP, 562-583, figs. 1-23; 1912, 564, 566-567; 1913, BSPE, 506, 507.—Rans., 1911a, 14, 17, 18, 26, 40-41, 44, 46.—Ramano-vitch, 1911, v. 4, 148-150.—Saake, 1877a, 195-200, pl. 3 figs. 2-4 (in cattle).—Schnyder, 1906a, 12.—Sl. & Sw., 1912a, 329-330, 383.—Stiles, 1914, MM, v. 2, 271, 294.—Stiles & Hass., 1905b, 124.—Stoss., 1899d, 56, 94; 1904b, 1-4.—Ward, 1916, 698.—Weinberg, 1906a, 446-447; 1908g, 25-27; 1909ff, 161-203, pl. 1 figs. 1-14; 1909, v. 2, 611; 1910h, 354.—Willach, 1891, v. 17, 344.

aculeatum (Linst., 1879) Rail. & Henry, 1906e, 448 (in intest., *Macacus cynomolgus*); 1909b, 169.

acutum Mol., 1861a (b), 449-450 (25), (s. *Str. contortus* pars, *ammonis*) (in *Antelope rupicapra*, *Capra aries*, *C. ammon*, *C. hircus mambricus*).—Curtice, 1890c, 168.—Rail., 1888k, 218 (so. *venulosum*) (in *A. r.*, *C. a.*, *C. h. m.*); 1893a, 450 (so. v.); 1900, 104, 106; 1900e, 104.—Rans., 1911a, 46 (so. v.).—Seiler, 1902a, 32.—Stoedter, 1901a, 87 (so. v.).—Stoss., 1899d, 95 (so. v.).—Ward, 1895a, 337 (in *Ovis aries*).

apiostomum (Willach, 1891) Rail. & Henry, 1905, Apr. 14, 645; 1906e, 448, 449-450 (in intest., *Macacus cynomolgus*, *M. sinicus*; by Weinberg); 1909b, 169.—Braun, 1915a, 350.—Brumpt, 1913a, 456.—F., S., & T., 1916a, 444.—Gedoelst, 1911a, 121 (larva encysted in wall of cecum & colon of negro, adult in small intest.; *Nigeria*).—Leiper, 1911, JTMH, v. 14 (8), 116-118, figs. 1-4 (in *Homo*; *Nigeria*); 1913, 274, 276, figs. 14, 15.—Looss, 1914, v. 2, 511 (s. *brumpti*).—Stiles, 1914, MM, v. 2, 294.—Walker, 1913, PJS, v. 8 (6), 501-507, pls. 1-4.—Ward, 1916, 698.—Weinberg, 1909ff, 164-165.—Wellman, 1914, 799.

asperum Rail. & Henry, 1913, BSPE, 507-509, fig. 2, [to (*Hysteracrum*)] (in chèvre; Ancon, Canal Zone).—Rail., 1915, 735; 1915, RMv, 492.

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- attenuatum* (Leidy, 1856) Rail. & Henry, 1906e, 448 (in intest., *Cynoc. porcarius*); 1909b, 169.
- bifurcum* (Crep., 1849) Rail. & Henry, 1906e, 448 (in intest., *Cercopithecus patas*); 1909b, 169.
- biramosum* Cuillé [nv.].—Gedœlst, 1911a, 121 (in cattle).
- biramosum* Cuillé, Marotel & Panisset, 1911.—Rail. & Henry, 1913, BSPE, 508 (so. radiatum).
- blanchardii* Rail. & Henry, 1912, v. 14, 572 (in orang-outan de Borneo; Mus. [?Paris]).—Braun, 1915a, 350.
- bovis* Schnyder, 1906a, 27, 28, 42 (in *Bos taurus*; Zürich); 1906b, 182, 183, 197 (in cow).—Rans., 1911a, 44 (so. radiatum).
- brumpti* Rail. & Henry, 1905i, 643–645 (in Homo; Africa); 1905k, 1–3; 1905l, 343; 1906a, 296; 1906b, 607; 1906d, 45; 1906e, 448 (in H.); 1909b, 169; 1909, 644; 1912, 566, 567–570, pl. 22 figs. 1–5 (in cynocephale species, H., *Macacus rhesus*, *M. sinicus*, *Papio leucophaeus*, *P. babuin*).—Booth, 1908, 344.—Braun, 1908a, 328 (in negro); 1915a, 349.—Brumpt, 1908, 455; 1910a, 394; 1913a, 454.—Cast. & Chalm., 1910a, 330, 440, 986; 1913a, 1374.—Daniels, 1910a, 71, 151.—F., S., & T., 1916a, 441.—Garin, 1913, 8.—Hewlett & De Korté, 1908, 213 (in H.).—Leiper, 1913, 274 (so. apist.).—Mans., 1907, 4 ed., 434, 729–730.—Neum. & Mayer, 1914a, 446.—Nev.-Lem., 1906a, 275; 1908a, 455.—Rail. & Henry, 1905, 643–645 (in H.).—Sambon, 1908f, 31.—Sl. & Sw., 1912a, 329, 402.—Stiles, 1914, MM, v. 2, 294.—Stitt, 1910a, 232, 242; 1916, 325.—Verdun, 1907a, 384 (in H.) (Africa).—Weinberg, 1909ff, 164 (of man).—Wellman, 1914, 799.
- colombianum* Curtice, 1890c, 16, 17, 20, 21, 22, 118, 145, 161, 165–180, pls. 24, 25, 26, 27 (in *Ovis aries*; U. S. A.).—Agric. Jour., 1894, v. 7, 576–577; 1897, v. 9, 255; 1897, v. 10 (11), 638 (nodular disease), (12), 715 (sulphate of iron) (13), 769.—Agric. News, Barbados, 1913, v. 12, 149.—Alexander, 1909, v. 55 (18), 1091 (nod. disease).—Barnes, 1899, v. 47, 485–486.—Bell, 1900, 117–135.—Boynton & Wharton, 1916, 351 (in goat; P. I.).—B. G., 1904, v. 46 (4), 130–131 (nod. dis.); v. 49 (13), 706 (nod. dis.), (15), 805 (nod. dis.).—Cortelezzi, 1914, v. 11 (1), 47, 48–49.—Dawson, 1900a, 143. Francis, 1894, 451.—Frœhner, 1915a, 260.—Fiebiger, 1912a, 277.—Gedœlst, 1911a, 121 (in ox, sheep).—Giles, 1892c, 31–44, 1 pl. figs. 1–10.—Gilruth, 1901a, 27.—Glage, 1902, v. 12 (12), 381.—Gough, 1908, 4 (in *Ovis aries*; Transvaal).—Hutcheon, 1890, v. 3, 57–59, 66–67; 1891, v. 4, 5; 1893, v. 6, 350; 1893, 328; 1900, v. 17, 89–91.—Hut. & Mar., 1906a, 408; 1910b, 513; 1913b, 514; 1916, 32 (in sheep; Soudan).—Irving, 1892a, 99, 100; 1893a, 361–363.—Jacob, 1902a, 397–400.—JTVS, 1909, v. 4 (2), 257.—Lane, 1917, IJMR, 430.—Lewis, 1913, 398–405, pls. 46–53, figs.—Linst., 1906, v. 43, 92.—Looss, 1901, 94.—Lorenz, 1898a, 88–89 (in cattle).—Mans., 1907, 4 ed, 730 (in O. a.; U. S. A.).—Mason, 1915, 15 (in sheep; Sudan).—Meyer, 1903a, 349–350 (helminthiasis nodularis).—Moore, 1895a, 3 (in sheep).—Mote, 1914, 28, 31, 39–41, figs. 10, 11.—Nev.-Lem., 1912a, 724.—Neum. & Mayer, 1914a, 447.—Paige, 1908, 156–163.—Rail., 1893a, 451; 1915, 734, 741; 1915, RMv, 492, 501, 502.—Rail. & Henry, 1909b, 169; 1910, v. 3 (5), 314–315 (in cattle); 1913, 507 (in mouton, chèvre, bœuf).—Rans., 1906i, 6, 7; 1911a, 14, 41–44, 46, 47, 121, 122 (in B. t., *Capra hircus*, O. a.; U. S. A., Australia).—Ratz, 1900n, 230–233.—Rievel, 1898a, 102–103.—Rubidge, 1893b, 474.—Rüether, 1901b, 353.—Saunders, 1914, 132, 136.—Seiler, 1902a, 31.—Shipley, 1911, 340.—Sl. & Sw., 1912a, 381, 402.—Smidt, 1906a, 647.—Stewart, 1898a, 325, 326–328, figs. 7, 8.—Stewart & Atwood, 1903a, 229–230, pls. a–b (in O. a.).—Stiles, 1896f, 16.—Stiles & Hæss, 1894e, 345 (in B. t., O. a.).—Stœdter, 1901a, 61, 75, 94.—Stoss, 1899, 94, 96 (in O. a.; U. S. A.).—Vaull., 1901a, 125.—Walley, 1890c, 360–361.—Ward, 1895a, 307, 334 (in B. t.), 337 (in O. a.).—Wolfh., 1911, 66–67.—ZFM, 1908, v. 18 (11), 359.
- conicum* Mol., 1861a (b), 559 (135) (name only) (in *Capra aries mambricus*).
- dentatum* (Rud., 1803) Mol., 1861a (b), 443 (19) (in *Sus scrofa dom.*).—Bossuat, 1902, v. 6 (2), 197 (in liver of hog).—Brau & Bruyant, 1913, 43 (in porc; Saigon).—Fiebiger, 1912a, 276.—Gedœlst, 1911a, 121 (in hog).—Grosso, 1914, v. 15, 261–267, pls. 1–2 figs. 1–4; 1914, v. 24, 124, 125, fig. 4.—Hut. & Mar., 1906a, 408; 1910b, 513; 1913b, 514.—Linst., 1906, v. 43 (1), 89–94, pl. 1 figs. 1–8.—Mans., 1907, 4 ed, 730 (in pig, wild boar).—Mote, 1914, 29.—Neum. & Mayer, 1914a, 447.—Nev.-Lem., 1912a, 725.—Perronc., 1914, v

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56, 220–221.—Pillers, 1911, v. 8, 84.—Rail., 1893a, 451 (s. subulatum); 1900, 105 (so. radiatum).—Rail. & Henry, 1909b, 169 (genotype).—Rans., 1911a, 41 (s. subulatum).—Saunders, 1914, 132, 136.—Schmidt, 1906a, 648 (=Oes. folliculare) (in swine).—Sl. & Sw., 1912a, 382, 402, fig. 207.—Stiles, 1902, 185; 1903, 7, 13.—Stiles & Hass., 1894e, 345 (in S. s.).—Stoss., 1899d, 94–95 (40–41) (in *Dicotyles albirostris*, *D. labiatus*, *D. torquatus*, S. s.; Wein, Greifsw., Brazil).—Wolffh., 1911, 66.

dentigerum Rail. & Henry, 1906e, 448 (in *Anthropopithecus troglodytes*; by Weinberg); 1909b, 169; 1909, 644; 1912, v. 14, 572, pl. 23 fig. 9.—Braun, 1915a, 350.—Weinberg, 1909ff, 164, 165.

dilatatum (Rail., 1884) Rail., 1896d (e), 160 (5) (s. inflatum); 1897a, 1135; 1899g, 346; 1900e, 105.—Fiebiger, 1912a, 277.—Rans., 1911a, 44 (so. radiatum).

filicollis (Rud., 1802) Stoss., 1899d, 74 (20) (so. Str. contortus).

inflatum (Schneid., 1866) Rail., 1885a, 346; 1893a, 449–450 (s. Str. dilatatus) (in cattle); 1896d (e), 160 (5) (so. dilatatum); 1900e, 105 (so. radiatum).—Bertolini, 1908, 30, 32, 33, pl. 1 fig. 2ii; 1910, v. 16, 585–586.—Carità, 1887a, 60.—Cortelezzi, 1914, v. 11 (1), 47.—Frœhner, 1915a, 260.—Hut. & Mar., 1906a, 407; 1910b, 513; 1913b, 514.—Kennedy, 1908, v. 174, 787 (in *Macacus rhesus*).—Kjerulf & Nystedt, 1899a, 110, figs. 1–3.—Lucky, 1904, v. 4, 5–12; 1911, v. 6 (1), 367–369.—Luckey, [1911], 25–28.—Mason, 1915, 15; 1916, 32 (in cattle; Soudan).—Neum. & Mayer, 1914a, 447.—Nev.-Lem., 1912a, 719.—Rans., 1911a, 44 (so. radiatum).—Ratz, 1898a, 67; 1900n, 231–232 (in cattle).—Saunders, 1914, 132, 136.—Sl. & Sw., 1912a, 383, 402.—Smith, A. J., 1908a, 267–268 (in *Macacus nemestrinus*; Phila. Zool. Garden).—Stiles & Hass., 1894e, 345 (in *Bos taurus*).—Stœdter, 1901a, 75.—Stoss., 1899d, 97 (in B. t.).—Ward, 1895a, 334 (in B. t.), 337 (in *Ovis aries*).—Wolffh., 1911, 67.

inflatum bovis Carità, 1887c, 139 [nv.].—Rail., 1888k, 218 (3) (in brebis) (so. venulosum).

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longipene Mol., 1861a (b), 446–448 (22–24) (s. *Sclerost. monostichum pars*) (in *Tapirus americanus*; Brazil).

monostichum (Dies., 1851) Mol., 1861a (b), 448–449 (24–25) (in *Tapirus americanus*; S. A.).—Stoss., 1899d, 96 (42) (s. *Oesophagost. longipene*) (in T. a.; Brazil).

ovatum (Linst., in Smidt, 1906) Rail. & Henry, 1912, AdP, v. 14, 572 (des gibbons).—Braun, 1915a, 350.

pachycephalum Mol., 1861a (b), 450 (26) (s. Str. simiae-sabææ, alatus simiae-angolæ) (in *Cercopithecus nictitans*, C. sabæus; S. A.).—Rail. & Henry, 1905, 645; 1906e, 448 (in intest., C. n., C. s.); 1909b, 169.—Schneid., 1866a, 312.—Smidt, 1906a, 650.—Smith, A. J., 1908a, 268.—Stoss., 1899d, 97 (43) (in C. n., C. s.; Brazil).—Willach, 1891c, 346.

radiatum (Rud., 1803) Rail., 1898c, 254 (s. Str. inflatus Sch.) (in vache; France); 1900e, 105; 1915, 734, 741; 1915, RMv, 492, 502.—Cortelezzi, 1914, v. 11 (1), 47, 48, 49–51.—Craig, 1915, 501.—Gedölst, 1911a, 121 (in ox).—Hut. & Mar., 1910b, 513; 1913b, 514.—Lane, 1917, IJMR, 426–427, 429 (to *Proteracrum*).—Nev.-Lem., 1912a, 719.—Rail. & Henry, 1909b, 169.—Rans., 1911a, 14, 41, 44–46, 121, figs. 23–27 (s. inflatum, dilatatum, bovis, *Oesophagost. inflatum*, Str. inflatus, dilatatus) (in *Bos taurus*; U. S., Europe, Australia); 1913, BSPe, 507 (in bœuf).

radiatum trifurcatum Lane, 1917, IJMR, 427, figs. 13–16 (in *Bos indicus*; Darjeeling).

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stephanostomum Stoss., 1904b, 2–3, figs. 1–3 (in gorilla; by Shipley, Mus. Cambridge).—F., S., & T., 1916a, 444.—Garin, 1913, 8.—Hewlett & de Korte, 1908, JPB, v. 12, 211–213 figs. 1–3, pl. 21 fig. 1 (in *Cynoc. hamadrias*, *Macacus rhesus*); 1908, v. 42 (14–16), 500–501.—Lane, 1916, IJMR, 76.—Looss, 1914, v. 2, 512.—Rail. & Henry, 1905, 645; 1906a, 448 (in *Gorilla gina*); 1909b, 169; 1909, v. 2 (10), 645; 1910, v. 8 (8), 353–354 (in *Homo*); 1912, v. 14, 502, pl. 23 fig. 10; 1912, 572.—Sl. & Sw., 1912a, 329, 402.—Ward, 1916, 698.—Weinberg, 1909ff, 162 (in *C. hamadryas*, *M. rhesus*).

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- stephanostomum thomasi* Rail. & Henry, 1909, v. 2 (10), 645 (in Homo; State of Amazon, Brazil); 1909, v. 17 (103), 933 (in H.; B.); 1910, AT*MH*, v. 4 (1), 89–94, pl. 6 figs. 1–10; 1912, v. 14, 566, 570–576, pl. 23 figs. 1–8 (in H.; Manaus état d'Amazonie).—Braun, 1915a, 349, fig. 300.—Brumpt, 1910a, 395; 1913a, 455.—F., S., & T., 1916a, 442–444.—Gedøelst, 1911a, 121 (in H.; B.).—Neum. & Mayer, 1914a, 78, 447.—Stiles, 1914, M*M*, v. 2, 294.—Thomas, 1909, v. 3 44–45; 1910, v. 4 (1), 57–88, pls. 1–5b, figs.; 1910, 318 (in H.; B.).—Ward, 1916, 698.—Wellman, 1914, 799.
- subulatum* Mol., 1861a (b), 445–446 (21–22), pl. 1 figs. 3–4 (s. *Str. dentatus* Rud.) (in *Sus scrofa* dom., *S. s. fera*; Europe, S. A.).—Perronc., 1891, 211.—Rail., 1893a, 451 (so. *dentatum* (Rud.) Rail.).—Rail. & Henry, 1912, 567.—Rans., 1911a 41 (so. d.).—Sl. & Sw., 1912a, 382.—Also reported for *Dicotyles torquatus*.
- thomasi* Rail. & Henry, 1909, v. 2 (10), 645 (in Homo; Brazil); 1912, v. 14, 573.—Thomas, 1909, v. 3, 3, 44–55.
- tuberculatum* Par. & Stoss., 1901a (1902a), 1–3 (7–9), figs. 1–5 (in *Dasypus* species, *D. villosus*; Genova, from Argentina); 1902b, 253.
- venulosum* (Rud., 1809) Rail., 1885a, 347–348; 1888k, 217–218 (in chabin, chèvre, mouton); 1893a, 450 (s. *acutum*, *inflatum*, *ovis*); 1896m, 490 (in dromadaire; Alfort); 1900e, 105, 106 (syns.); 1915, 734; 1915, R*Mv*, 492.—Blgr., 1914, P, v. 7 (3), 242 (in *Ovis aries*; Eng.).—Curtice, 1890c, 162, 168.—Fiebiger, 1912a, 277, figs. 191–192.—Gedøelst, 1911a, 121, fig. 163 (in goat, sheep).—Hut. & Mar., 1906a, 408; 1910b, 513; 1913b, 514.—Ihle, 1917, 165, 166, 168.—Julien, 1898a, 84 (in agneau).—Lane, 1917, I*JMR*, pl. 35, figs. 17–21.—Linst., 1903u (1904a), 270 (6) (in O. a.).—Mason, 1915, 25 (in camel).—Neum. & Mayer, 1914a, 447.—Nev.-Lem., 1912a, 725.—Rail. & Henry, 1909b, 169; 1913, BS*Pe*, 507, 509, fig. 1 (in mouton, chèvre, dromadaire).—Rans., 1911a, 14, 41, 46–47, 49, 122, 123, figs. 28–32 (s. *acutum*, *inflatum* *ovis*, *Str. ammonis*, *radiatus*, *contortus* pars) (in *Capra hircus*, *Camelus dromedarius*, *Capreolus capreolus*, *Dama dama*, *Ovis aries*, *O. ammon*, *Rupicapra rupicapra*; Europe, U. S. A.).—Saunders, 1914, 132, 136.—Seiler, 1902a, 32, pl. 1, pl. 2.—Sl. & Sw., 1912a, 382, 402.—Stødter, 1901a, 5, 9, 42, 87, 88 (s. ac., *inflatum* *ovis*, *Str. amm.*, cont., pars, rad., pars).—Stoss., 1899d, 95 (s. ac.); 1904b, 2, 3 (in O. a.; Catania).—Ward, 1895a, 337, in O. a.).—Also reported for *Cervus capreolus*.
- vesiculosum* Ratz, 1898a, 65–67; 1900n, 232 (s. *inflatum*).—Hut. & Mar., 1906a, 407.
- ÆSOPHAGOSTOMINÆ Rail., 1915, 734; 1915 R*Mv*, 492.
- ÆSOPHAGOSTONIUM Olt, 1898c, 122 (misprint for Oesophagostomum).
- ÆSOSOPHAGOSTOMUM P[earse], 1916, v. 6, 844 (for Oesophagostomum).
- OGMA Southern, 1914a, 66–67 (mt. murrayi).—Menz., 1917, R*sZ*, 155, 156, 157 (so. *Hoplolaimus*).
- murrayi* Southern, 1914a, 66–67, pl. 11 figs. 32 a–e (Co. Mayo).—Menz., 1917, 155, 156, 157 (to *Hoplolaimus*).
- OGMIDÆ Southern, 1914a, 65–66 (contains Ogma).
- OIONCHUS Cobb, 1913, J*WAS*, 442 (mt. obtusus); 1917n, 453.
- obtusus* Cobb, 1913, 442 (about roots of grass, borders of irrigation ditch; Jamaica, West Indies).
- OLIGACANTHORHYNCHUS Trav., 1915, B*m*, v. 29, 137 (1) (tod. spira) (Giganthorhynchinae).
- spira* (Dies., 1851) Trav., 1915, 137 (1).
- tænioides* (Dies., 1851) Trav., 1915, 137 (1).
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- OLLULANINÆ Hall, 1916a, 162, 177 (type Ollulanus); 1916b, 519.
- OLLULANOS Wucherer, 1869, 171 (see Ollulanus).
- OLLULANUS Leuck., 1865a, 227 (mt. tricuspis); 1867b, 24, 87, 88, 104, 106, 112, 115, 122, 136, 224; 1868a, 402, 405, 439; 1886d, 47, 134.—Ben., 1866a, 209 (in cat).—Cobbold, 1879, 336.—Gedøelst, 1911a, 129.—Hall, 1916a, 177, 224 (type tricuspis).—Khitrow, 1900a, 6, 9.—Neum., 1892d, 345, 372.—Nev.-Lem., 1912a, 650.—Rail., 1915, R*Mv*, 493.—Rollest, 1888a, 683, 686, 695.—

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tricuspis Leuck., 1865a, 227 (in stom., lungs, etc., of cat, larva also in mouse; Germany); 1867b, 102, figs. 78, 79; 1868a, 402; 1876a, 515; 1879a, 61.—Anacker, 1893i, 345.—A., D., & E., 1901b, 6.—Assénova, 1899, 105; 1899, 119.—Braun, 1883a, 158; 1895b, 210; 1903a, 251; 1908a, 283.—Braun & Lünehe, 1909a, 91; 1910a, 96.—Cobbold, 1873c, 125 (*Olulanus*); 1875o, 891; 1876f, 7; 1897b, 309, 316, 336; 1885c, 526-532 (*olulanosis* in cat).—Dungl., 1893 (1895a), 776.—Fiebiger, 1912a, 290.—Gedöelst, 1911a, 130 (in cat).—Hall, 1916a, 177-178, figs. 234-235 (in cats, *Mus musculus*; U. S. A., Europe); 1916b, 519.—Hut. & Mar., 1906a, 60, 381, 464; 1910b, 70, 75, 78, 480, 584; 1913b, 75-76, 84, 478, 589 (in *Katze*).—Laulanie, 1886a, 84-85.—Neum., 1892d, 372.—Nev.-Lem., 1912a, 755.—Pauli, 1868a, 30.—Rail., 1893a, 475; 1915, 735 (in cat); 1915, RMv, 493.—Schneidem., 1896a, 321 (*trikuspis* in cat).—Schneid., 1866a, 308.—Seur., 1916, 347.—Shipley, 1896a (1901b), 144, 161.—Sl. & Sw., 1912a, 388, 402, 403.—Stirling, 1877a, 146-151, pl. 11 figs. 1-5 (pathol., lungs, in cat).—Stitt, 1908, v. 2 (3), 62.—Stödter 1901a, 61, 94 (in *Felis dom.*).—Stoss., 1899d, 127 (73) (in F. d., M. m.).—Vaull., 1901a, 120-125.—Verrill, 1870, 175.—Wolffh., 1911, 75.—Wucherer, 1869, 171.—Also reported for *Canis vulpes*, *F. catus*.

trikuspis Schneidem., 1896a, 321 (for *tricuspis*).

OLULANUS Cobbold, 1873c, 125 (for *Ollulanus*); 1879b, 309 (in dom. cat), 316 (in mice), 336.

ONCHALAIMUS Rouville, 1903, CrSB, Dec. 11, 1528 (misprint for *Oncholaimus*).

ONCHOCERA Concilium Bibliographicum card (misprint for *Onchocerca*) [not *Oncocera* Steph., lepidopt.].

ONCHOCERCA Dies., in Herm., 1841b, 199-200 (mt. reticulata); 1851a, 287; 1855, 181.—AVR, 1910, v. 37, 576.—Anacker, 1890g, 373.—Braun, 1915a, 326.—Cast. & Chalm., 1913a, 522, 540.—Cleland, 1912, v. 15, 232-235.—Crep., 1846b, 171 (*Oncocerca*).—Dav., 1877a, cii.—F., S., & T., 1916a, 417.—Gedöelst, 1911a, 109.—Goldb., 1855a, 112.—Leiper, 1911, v. 14, 87-93, figs. 1-13.—Leuck., 1876a, 615.—Mol., 1857a, 151, 152.—Nev.-Lem., 1912a, 652.—Rail. & Henry, 1909, v. 86 (3), 128; 1910, CrSB, v. 68 (6), 248-251; 1910, v. 35 (5), 279-280; 1910, v. 37 (5), 575-577.—Schneidem., 1896a, 308.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 124.—See also *Oncocerca*.

armillata Rail. & Henry, 1909, RMv, v. 86, 128 (in cattle & buffalo; India, Lingaard, 1905, 26-27, figs. 3-9, pls. 3-8 [nv.]); 1910, CrSB, v. 68 (6), 250 (3) (in bœuf, buffle, zebu; India, Sumatra); 1912, BSPE, 117-118.—Comes & Devanille, 1917, BSPE, 459-464, 2 figs.—Gedöelst, 1911a, 109 (in buffalo, ox, zebu).—Mason, 1915, 38-40 (in cattle; Egypt); 1916, 32-33 (in cattle; Soudan).—Nev.-Lem., 1912a, 817 (*Oncocerca*).—Rail., 1917, BSPE, 461-464, 1 fig.—Sweet, 1915, 10, 11, 16, 32, 45 (in *Bos bubalis*, *B. indicus*).

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capræ (Linst., 1883) Gedöelst, 1911a, 109 (in goat; Turkestan).—Nev.-Lem., 1912a, 818.

cervicalis Rail. & Henry, 1910, v. 68 (6), 250 (in cheval; Alfort); 1910, v. 67, 279 (in horse; Alfort).—Gedöelst, 1911a, 109 (in horse).—Nev.-Lem., 1912a, 817.—Sweet, 1915, 45, 47.

fasciata Rail. & Henry, 1910, v. 68 (6), 250 (in dromadaire; Punjab); 1910, v. 67, 279-280 (in d.; Punjab).—Gedöelst, 1911a, 109 (in d.).—Johnst. & Cleland, 1911, v. 44, 188, 189.—Mason, 1916, 32, 38 (in camel; Soudan).—Nev.-Lem., 1912a, 817 (*Oncocerca*).—Sweet, 1915, 17, 31, 45, 47 (in *Camelus bactrianus*, *C. dromedarius*).

flexuosa (Wedl, 1856) Rail. & Henry, 1909, RMv, v. 86, 128 (in cerf; Germany).

gibsoni Cleland & Johnst., 1910, JPRS, v. 44, 156-171 to Fil. (O.) (in cattle, ? also in Indian camel); 1910, v. 44 (2), 171-189, pl. 14 figs. 1-4; 1911, v. 6 (4), 536-548, figs. 1-4; 1911, 35-58, figs. 1-4 (to *Onchocerca*).—Bernier, 1911, v. 13 (11), 764-772, figs. 1-6; 1911, v. 8, 80-88; 1911, 13-19.—Breinl, 1912, 5-17, pls. 1-5, figs. 1-22; 1915, 74.—Cleland, 1913, 1-56, pls. 1-5; 1914, VJ, v. 70,

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551–555; 1915, v. 28, 90–95.—Cleland & others, 1916, 1–41.—Craig, 1915, 508 (treatment).—Dickinson & Hill, 1916 or 1917, 1–7.—Geddelst, 1911a, 109 (in cattle; Australia, Constantine).—Gilruth & Sweet, 1911, (N. S. Wales), 1–34, figs. 1–37; 1912, v. 25, 23–30; 1912, 316–345, figs. 1–37; 1915, QAJ, v. 29 (5), 433–439.—Johnst., 1912, v. 23, 207–231.—Johnst. & Cleland, 1910, v. 44, 171–189, 1 pl.—JTMH, 1912, v. 15, 179–180.—McEachran & Hill, [? 1915], 1–8; 1916, VJ, v. 72, 213–219.—Mason, 1916, 38–39.—Neum., 1911, v. 8, 340–342, figs. 1–5.—Nicoll, 1914, ATMP, v. 8 (3), 609–621 (biology); 1914, Sept. 12, 6–7 (in cattle; Queensland).—Seur., 1916, 347–348 (in *Hæmatopinus vituli*).—Sweet, 1915, 5–47 (in *Bos taurus*, *B. indicus*).

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- ONCHOFORA Krøyer., 1852-53a, 1261 (for Onchophora).
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- ONCHOLAIMUS Duj., 1845a, 230, 235-237, 653 (type by Stiles & Hass., 1905b, 124, probably attenuatus).—Carus, 1863, v. 2, 459.—Cobb, 1893b, 255, 295; 1917n, 453.—Eberth, 1863a, 24-27.—Jægers., 1897, 19, 22.—Linst., 1896a; 1907, v. 1 (4), 45-46, figs. 1-2; 1907, April, v. 2 (3), 172; 1908, v. 15 (9-11), 326.—Man, 1876a, 181; 1876b, 104; 1889a, 162-169, pl. 6 figs. 1-2f; 1904a, in 1-51, pls. 1-11; 1907, 26.—Mol., 1857, 151.—Oerley, 1880a, 144.—Schneid., 1866a, 51.—Shipley, 1901b, 157.—Stewart, 1914, v. 10, pt. 4 (13), 245 (chiefly marine).—Strassen, 1894a, 460-474, pl. 29 figs. 1-15; 1895, 57; 1895, 460-473.—Villot, 1875a, 460-461.
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- antarcticus* Linst., 1896a, 9, figs. 10-11 (free; Uschuaia).
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- demani* zur Strassen, 1894a, 461-473, pl. 29 figs. 2, 13, 15 (s. *albidus* Bast. of de Man) (free; Gulf of Nap.).—Filipjev, 112, TSN, v. 43 (4), 205-215, figs. 1-8, 220-222.
- derjugini* Savelev, 1912, 116 (Mogilnojese).
- dujardini* Steiner, 1915, ZJ, 237-240, pl. 24 figs. 28-30 (for *dujardini*).
- dujardini* Man, 1877a, 94, 95, 96, pl. 7 figs. 4a-c (littoral occidental de la France).
- echini* Leyd., 1854a, 291-292 (in intest., *Echinus* escul.; by Leyd.).—Bast., 1865c, 139 (in E. e.).—Par., 1894a, 245 (in E. e.; Genoa).—Shipley, 1896a (1901b), 157 (in E. e.); 1901, v. 44, 281-290, 1 pl.—Wagener, 1857a, 52 (*Oncholaemus*).
- fovearum* Duj., 1845a, 236-237 (in un fossé, containing Branchipus, entomostraces, hydatides, and Euglena; Rennes).—Büetsch., 1873a, 73.—Menz., 1913, ZA, 411.
- fuscus* Bast., 1865c, 136-137, pl. 11 figs. 139-140 (marine surface mud from estuary; Falmouth).—Büetsch., 1874b, 275.—Jægers., 1904b, 417.—Man, 1907, 87 (Zealand).—Stewart, 1914, 183; 1914, RIM, 246.—Villot, 1875a, 461, 465 (Roscoff).
- glaber* Bast., 1865c, 136, pl. 11 figs. 129-130 (marine surface mud from estuary; Falmouth).—Man, 1890b, 188-189, pl. 5 fig. 9 to (*Viscosia*) (Penzance, Calvados).—Villot, 1875a, 461 (Roscoff).
- indicus* Linst., 1907, v. 1 (1), 45-46, figs. 1-2 (free; Port Canning, Lower Bengal); 1908, v. 15 (9-11), 326.—Stewart, 1914, RIM, v. 10, 246; 1914, 182-183, pl. 23 figs. 66-70 (*Calcutta*).
- langrunensis* Man, 1890b, 186-188, pl. 4 fig. 8 to (*Viscosia*) (marine; côtes du Calvados).
- lepidus* Man, 1889a, 156-168, pl. 6 figs. 2a-f.—Schneid., 1906d, 627.
- linstowi* Man, 1904, EAR, 15-16, pl. 3 fig. 5 to (*Viscosia*) (sur carapace d'un crabe, *Eurypodius latreilli*; Bai d'Orange, Terre de Feu).—Linst., 1907, v. 2 (3), 172.
- macrolaimus* Southern, 1914a, 44-45, pl. 6 figs. 16a-d (Clew Bay).

ONCHOLAIMUS—Continued.

- megastoma* Eberth, 1863a, 26, pl. 1 figs. 18–20 (Nizza).—Bast., 1865c, 138–139.—Villot, 1875a, 466 (Med.).
- muscorum* Duj., 1845a, 237 (free, dans les touffes de mousses, at Paris; in ? *Gasterosteus lævis*, at Rennes).—Buëtsch., 1873a, 74.—Man, 1912, ZJ, 448.
- oryuris* Ditlevsen, 1912, 230–231, pl. 2 figs. 8–9, 12–15 (Hellerup Strandeng).
- papillosus* Eberth, 1863a, 26–27, pl. 1 figs. 13–17 (Nizza).—Bast., 1865c, 138.—Villot, 1875a, 466 (Mediterranean).
- punctatus* Cobb, 1914, TAMS, 73, 91–92 (39, 57–58), pl. 5 fig. 14 (fresh water ponds; Cape Breton Isl., Canada).
- rivalis* Leyd., 1854a, 291, figs. 8–9 (aquatic; Main).—Bast., 1865c, 139.—Buëtsch., 1873a, 7, 120 (to *Diplogaster*); 1874b, 274.—Oerley, 1880a, 115.—Stewart, 1914, 245.
- similis* Southern, 1914a, 47–48, pl. 6 figs. 17a–d (Blacksod Bay, Ballynakill Harbor).
- spiralis* Linst., 1908, 27, pl. 4 figs. 16–17 (free; Luderitzbucht, Africa).
- thalassophygas* Man, 1876a (b), 181–183 (104–106), pls. 12–13, figs. 48a–c.—Ditlevsen, 1912, 221, 224, 229.—Oerley, 1880a, 144.—Silva Araujo, 1878b, 52 (thalassophigas).—Stewart, 1914, v. 10, pt. 4 (13), 245.
- viridis* Bast., 1865c, 137, pl. 11 figs. 137–138 (tide-pools; Falmouth).—Ditlevsen, 1912, 229–230.—Villot, 1875a, 465 (Eng.).
- viscosus* Bast., 1865c, 136, pl. 11 figs. 131–133 (marine surface mud from estuary; Falmouth).—Buëtsch., 1874b, 275, fig. 38 (Kieler Bucht, Nap.).—Cobb, 1917n, 436.—Man, 1890b, 184–186, pl. 4 fig. 7 to (*Viscosia*) (Holland, Calvados, de la Manche); 1907, 43, 87 (Zealand).
- vulgaris* Bast., 1865c, 135–136, pl. 11 figs. 126–128a (tide-pool; Falmouth).—Buëtsch., 1874b, 268, 274–275, figs. 37a–b (Kieler Bucht, W. Grœnland).—Evans, 1915, 360.—Filipjev, 1912, TSN, v. 43, 205–215, 220–222.—Linst., 1902a, 225–227, figs. 11–12 (free living); 1903u (1904a), 276 (12) (free; Murman Coast).—Southern, 1914a, 46–47, pl. 5 figs. 15a–c (Blacksod Bay, Clare Isl.).—Stewart, 1906a, 101–150, figs. 1–9, pls. 7–9 figs. 1–40; 1906b, 554; 1907a, 72–74; 1914, 246.—Villot, 1875a, 461, 465 (Manche, Balic, Roscoff).
- ONCHOPHORA** Krøyer, 1838–40a, 596 (for Oncofphora).—Cast. & Chalm., 1913a, 575.
- neglecta* (Dies., 1851) Ben., 1871a, 37.
- ONCOCERCA** Crep., 1846b, 171 (see Onchocerca).—Nev.-Lem., 1912a, 652 (emendation).—Stiles & Hass., 1905b, 124.
- ONCOPHORA** Dies., 1851a, 81, 296 (mt. neglecta) [not Onchophora Busk, 1855, mollusk; Onchophorus Rudow., 1874, neuropt.].—R. Bl., 1888a, 774.—Cast. & Chalm., 1910a, 456.—Eberth, 1863a, 43, 44.—Stiles & Hass., 1905b, 124.
- *neglecta* Dies., 1851a, 296 (s. *Trichoc. gibbosus*) (in *Thynnus vulg.*; M. C. V.).—Ben., 1871a, 37.—Krøyer, 1838–40a, 596, 1261 (*Oncnofora*) (in T. v.); 1852–53a, 1261.
- ONCHOUREA** Nicoll, 1915, 408–409 (misprint for Onchocerca).
- ONYX** Cobb, 1891c, 146 (mt. perfectus) [not Onix Mayr & Forel, 1884, insect (Zool. Rec. (1884), 1885, v. 22, Index, 7)]; 1893b, 295.—Shiple, 1896a (1901b), 131.—Stiles & Hass., 1905b, 125.
- perfectus* Cobb, 1891c, 147, 153–155, figs. 4–5, 7–8 (Bay of Nap.).—Stiles & Hass., 1905b, 125.
- OPHIOSTOMA** n. g. Cloq., 1822b, 32 (mt. ponterii) [see below].
- OPHIOSTOMA** Rud., 1801a, 48 (tsd. *Cystidicola farionis*), (mentions *Asc. phocæ, globicola, rajæ* (? *Asc. bifida*), *Cystidicola farionis*), 54 (so. *Cystidicola*) [not *Ophiostomus* for *Ophistomis* Dej., 1834, coleopt.]; 1802a, 30–31; 1809a, 4, 16, 32, 117, pl. 3 figs. 13–14, pl. 7 figs. 1–2; 1819a, 60, 304.—Blainv., 1824a, 514 (s. fissule); 1828a, 540.—Brems., 1824c, 129.—Burm., 1837a, 535.—Cat. RCSL, 1830, 44.—Cloquet, 1822a, 98; 1822b, 32 (n. g.).—Crep., 1839a, 283.—Deslgch., 1824gg, 578–579; 1827d, 241.—Duj., 1845a, 273.—Fischer, 1840, v. 13 (1), 155.—Goldb., 1855a, 111.—Hall, 1916a, 64, 168 (so. *Rictularia*); 1916, RMv, 518.—Hémont, 1827a, 8.—L'Herminier, 1826, 10.—Joy, 1835a, 504.—Kolenati, 1856d (1857a), 13.—Linst., 1909, 48, 57.—Mol., 1857a, 151.—Muenier, 1838, v. 6, 355.—Nordm., 1840a, 657 (so. *Fissula*).—Olfers, 1816a, 23, 61.—Raf., 1815a, 151 (g. of *Filaridia*).—Schneid., 1866a, 13, 15, 66, 126.—Stiles & Hass., 1899a, 105; 1905b, 125.—See also *Ophiostomum*, *Ophiostomus*.

OPHIOSTOMA—Continued.

- amphiacanthum* Dies., 1851a, 246 (in *Lemmus dasytrichus*; Brazil).—Hall, 1916a, 175 (to *Rictularioides*); 1916, RMv, 519.—Jægers., 1909 (25), 40 (to *Rictularia*).—Reported for *Hesperomys rufus*.
- armatum* Linst., 1889a, 10 (in *Myoxus glis*) (? for *cristatum*).
- bifidum* (Fabr., 1780) Zed., 1803a, 128 (in *Phoca grønlandica*).—Duj., 1845a, 274 (so. *dispar*).—Rud., 1809a, 119 (so. *dis*).
- bovieri* (R. Bl., 1886), Linst., 1889a, 7 to (*Rictularia*) (in *Vespertilio murinus*).
- cristatum* (Frøel., 1802) Rud., 1819a, 60–61, 304–305 (in intest. *Myoxus muscardinus*, M. *glis*, M. *dryas*; C. E. V.).—Blainv., 1828a, 540 (in loir).—R. Bl., 1886i, 303 (10) (to *Rictularia*).—Cobbold, 1879b, 315 (in *Myoxus*).—Deslgch., 1824, 578).—Dies., 1851a, 245 (in *My. dr.*, M. *muscardinus*).—Duj., 1845a, 280 (to R.).—Hall, 1916a, 169 (to R.).—Jægers., 1909 (25), 38 (to R.).—Reported for M. *avellanarius*, *Mus sylvaticus*.
- cystidicola* (Lam., 1801) Rud., 1809a, 122–123 (in *Salmo fario*); 1819a, 26, 61.—Cuv., 1817a, 32.—Nordm., 1840a, 658 (to *Fissula*).—Oken, 1815a, 197.—Olfers, 1816a, 61.—Westwood, 1851, 645.
- denticulatum* Rud., 1814a, 89 (s. *Rictularia cristata*) (in *Mus dryas*, M. *glis*, M. *sylvaticus*; Europe).—Olfers, 1816a, 61.
- dispar* Rud., 1809a, 119–121 (s. *bifidum*, *phocæ*, *Asc. atak*, *bifida*, *neitsib*, *phocæ*, *Echinor. phocæ*, *Proboscidea bifida*) (in intest., *Phoca foetida*, P. *grønlandica*; by Fabr.); 1819a, 61 (in intest., P. f., P. g.).—Cobbold, 1879b, 243 [not *Oxy. dispar*], 314 (in P. *hispida*, P. *grønlandica*).—Crep., 1844a, 129.—Duj., 1845a, 274–275 (in P. f., P. g.; in polar seas).—Lühe, 1905b, 332 (so. *Asc. phocæ*, *Echinor. phocæ*).—Nordm., 1840a, 657 (so. *Fissula phocæ*).—Oken, 1815a, 197.—Olfers, 1816a, 61.
- globicola* (Fabr., 1780) Rud., [1801a, 48;] 1810a, 279.—[Zed., 1803a, 122, 128 (in *Gasterosteus aculeatus*).]
- hominis* Oken, 1815a, 197 (in *Homo*; Journ. d. Physique, 1787).
- lepturum* Rud., 1809a, 121–122, pl. 7 figs. 1, 2 (in *Coryphæna hippuris*; by Tilesius); 1819a, 61 (in C. h.).—Crep., 1844a, 129.—Duj., 1845a, 275 (in C. h.).—Nordm., 1840a, 658 (so. *Fissula cystidicola*).—Oken, 1815a, 197.—Olfers, 1816a, 61.
- macdonaldi* (Bell, 1881) Linst., 1889a, 8, to (*Pterygodermatites*) (in *Megaderma frons*).—Jægers., 1909 (25), 22 (to *Rictularia*).—Par., 1898a (b), 117 (16) (*magdonaldi*).
- magdonaldi* Par., 1898a (b), 117 (16) (for *macdonaldi*) [cf. “Dobson and Magdonald”].
- mucronatum* Rud., 1809a, 117–119, pl. 3 figs. 13–14 (in intest., *Vespertilio auritus*; by Geze); 1819a, 61, 305 (in V. a., V. *lasiopterus*, V. *murinus*; Greifsw.).—Ben., 1873c, 316–318 (in bats).—Blainv., 1828a, 540 (in *chauve souris*).—Carnoy, 1886b, 30–36, 49, 52, 53, 55, 58, 59, 68, 77, pl. 7 figs. 181–199 (in V. a.); 1887b, 240, 297.—Cobbold, 1879b, 294 (in *Cheiroptera*).—Duj., 1845a, 273–274 (in *Plecotus auratus*, V. l., V. m.; *Mus. Venice*).—Hall, 1916a, 64.—Kolenati, 1856d (1857a), 13 (in *Myotis murinus*, *Nannugo pipistrellus*, *Panugo noctula*, *Plecotus auratus*).—Lam., 1816, 211 (to *Fissula*).—Linst., 1902a, 221, fig. 5 (in P. a., V. *daubentonii*, V. m., V. *nattereri*, *Vesperugo noctula*, V. *pipistrellus*; Coll. Munich); 1909a, 57 (in V. d.).—Nordm., 1840a, 657 (to *Fissula*).—Oken, 1815a, 197 (in V. a.).—Olfers, 1816a, 61.—Romanowski, 1843a, 302–304.—Schneid., 1866a, 66.—Seur., 1915, 22 (in *Chauves souris*).—Specimen in Brit. Mus. was determined by Sons., 1893, as *Dist. trigonoc*.
- phocæ* (Fabr., 1780) Zed., 1803a, 114, 128 (in intest., *Phoca foetida*, P. *grønlandica*).—Duj., 1845a, 274 (so. *dispar*).—Rud., 1809a, 119 (so. d.).
- pontieri* Hémont, 1827a, 12–13 (in *Homo*) (for *pontieri*).
- pontieri* Cloq., 1822b, 32 (in H.; near *Uzerches*).—Larère, 1829a, 13.—L’Hermier, 1826a, 14.—Stiles, 1907c, 65 (in H.).
- pontieri* (Chiaje, 1825) [Chiaje, 1825a, 35–36, pl. 10 fig. 3 (*Ophystoma*) (?so. *Gord. aquaticus*); 1833a, 38 (*Ophystoma*) (? so. *G. aquat.*) (in H.; by *Pontier*)].—Zenker, 1827a, 55 (so. *G. aquaticus*).—R. Bl., 1890a, 90 (so. *G. tolosanus*); 1897d, 616 (3).—Gerv. & Ben., 1859b, 161.—Leuck., 1876a, 616 (? so. *G. aquat.*).—Par., 1901, CM, 4 (so. *G. tol.*).—Rail., 1893a, 563, fig. 386 (so. *G. tol.*).—[Romanovski, 1843a, 302–304 (in H.).]

OPHIOSTOMA—Continued.

pouterii Cloq., 1822a, 97–99 (vomited by Homo; Uzerches, by Raymond Poutier).—Degland, 1825, 310.—Stiles, 1907c, 65.

rajæ (Fabr., 1780) Rud., [1801a, 48;] 1810a, 270 (= *Nematoideum rajæ-fullonicae*).—Zed., 1803a, 124 (in *Raja fullonica*).

sphærocephalum (Rud., 1809) Rud., 1819a, 61, 305–307 (intest., *Accipenser sturio*, Greifsw., Berl.).—Ben., 1858a, 1861a, 272 (to *Dacnites*).—Blainv., 1824a, 517 (apparently type of *pleuro-rhynque* Nau); 1828a, 540 (in *sturgeon*).—Brems., 1824a, 129.—Crep., 1839a, 283 (in *Acipenser sturio*).—Dies., 1851a, 244–245.—Duj., 1845a, 271 (to *Dacnitis*), 275 (s. *cystidicola*) (? in *Salmo fario*).—Hofer, 1904a, 230 (in *A. ruthenus*).—Krøyer, 1852–53a, 778 (in *A. s.*).—Mol., 1861c, 310.—Nordm., 1840a, 658.—Schneid., 1866a, 66.

spinosum Will.-Suhm, 1869a, 473–474 (in *Brachyotus mystacinus*; *Berchtesgaden*); 1873, 331–332, pl. 17 fig. 1.—R. Bl., 1886i, 303 (10) (so. *Rictularia plagiostoma*).—Cobbold, 1879b, 294 (in *Cheiroptera*).—Jägers., 1909 (25), 31 (? so. *R. p.*).—Linst., 1878, 12, 16 (in *Erinaceus auritus*, *Vespertilio mystacinus*).

tacapense Seur., 1915, CrSB, v. 78, 20–22 (11–13), figs. 1–4 (in intest., *Ctenodactylus gundi*; Matmata, Sud Tunisien); 1916, 143.—Hall, 1916a, 62 (to *Seuratum*).

tubæformis (Zed., 1800) Gerv. & Ben., 1859b, 108 (in *Felis catus*, *F. concolor*, *F. leopardus*, *F. mellivora*, *F. onca*, *F. pardus*, *F. tigrina*, *F. viverrina*).—Bail, 1866b, 59 (to *Dochmius*) (in cat).—Rail., 1900d, 90, 94 (= *Unc. sp.*).

OPHIOSTOMIDEA Dies., 1861a, 648 (iam., contains *Dacnitis*, *Ophiost.*, *Rictularia*, *Stelmus*).—Oerley, 1885a, 103 (fam.).

OPHIOSTOMUM Crep., 1839a, 283 (for *Ophiostoma*).—Dies., 1851a, 243.

OPHIOSTOMUS Westwood, 1851, 645 (for *Ophiostoma*) (*O. cystidicola*).

OPHYOSTOMA Chiaje, 1833a, 38 (for *Ophiost.*).

OPHYSTOMA Chiaje, 1825a, 35 (for *Ophiost.*).

ORNEOASCARIS Skrj., 1916, 50–51, 124–125 (tod. mt. *chrysanthemoides*) (*Ascaridæ*).

chrysanthemoides Skrj., 1916, 51–53, 112, 125–127, pl. 4, figs. 22–26 (in *Bufo sp.*; Brit. E. Africa).—Seur., 1917, CrSB, 97 (30) (in B.; B. E. A.).

ORNITHOSTRONGYLUS Trav., 1914, Bm, May 1, 163 (3) (tod. *fariai*) (*Trichostrongylidæ*).

fariai Trav., 1914, Bm, 163 (3, 4) (in intest., *Leptoptila rufaxilla*; Est. do Rio Jan.).

quadriradiatus (Stev., 1904) Trav., 1914, Bm, 163 (3, 4).

ORYRIS Westwood, 1851, 644 (for *Oxyuris*, q. v.).

Ossiuride (Italian for *Oxyuris*).—Masch, 1910, v. 2, 394–395.

Ossiuridi Perronc., 1882a, 334 (for *Oxyuridæ*).

OSTERTAGIA Rans., 1907k, 2–3 (tod. *Str. ostertagi*); 1911a, 14, 21, 49, 54–55, 56, 58, 59, 62, 67, 68, 69.—Geddes, 1911a, 119.—Nev.-Lem., 1912a, 645.—Rail. & Henry, 1909a, 86, 87; 1912, 566.—Trav., 1914, 4.

brigiatiaca R. Bl. in Rail. & Henry, 1909a, 87 (in *chamois*; Briançon).—Rans., 1911a, 14, 55, 69, 122 (in *Rupicapra rupicapra*; France).

bullosa Rans. & Hall, 1912, PUSNM, v. 42, 175–179, figs. 1–4 (in *Ovis aries*; Colorado, Montana).

circumcincta (Stadelmann, 1894) Rans., 1907k, 2; 1911a, 14, 55, 58, 59–62, 122, 123, figs. 44–49 (s. *Str. vicarius*, *cervicornis*, *instabilis*) (in *Antilocapra americana*, *Capra hircus*, *O. a.*, *Rangifer tarandus*; Europe, U. S. A., New Zealand, Australia).—Blgr., 1914, P, v. 7 (3), 242, 243 (s. *Str. cerv.*) (in stom. and intest., *O. a.*; Eng.). 1915, P. 135.—Fiebiger, 1912a, 273.—Gardener, 1911, 484, 485, 486, 492, 493 (in sheep, goat; Europe, U. S. A., New Zealand, Australia).—Geddes, 1911a, 119 (in sheep).—Ihle, 1917, 165, 167, 168, 169.—Nev.-Lem., 1912a, 709, 717.—Rail. & Henry, 1909a, 87.—Wolfth., 1911, 66.

marshalli Rans., 1907k, 3 (in *Ovis aries*; Montana); 1911a, 14, 55, 62–67, 68, 122, figs. 55–58 (s. *Hæmonchus sp.* Marshall, 1904) (in *O. a.*; M.).—Geddes, 1911a, 119 (in sheep).—Maupas & Seur., 1913, CrSB, 37, fig. 8.—Rail. & Henry, 1909a, 87.—Seur., 1913, 76, 81, fig. 8; 1914, 635, 639–640, fig. 8.

OSTERTAGIA—Continued.

- mentulata* Rail. & Henry, 1909a, 87 (in dromadaire; India).—Gedœlst, 1911a, 119 (in d.; I.).—Marotel, 1912, 208 (in d.; I.).—Nev.-Lem., 1912a, 717.—Rans., 1911a, 14, 55, 68–69, 70, 123, figs. 62–63 (in *Camelus dromedarius*; I., U. S. A.).
- occidentalis* Rans., 1907k, 3 (in *Ovis aries*; Montana); 1911a, 14, 55, 67–68, 69, 122, figs. 59–61 (in O. a.; M.).—Gedœlst, 1911a, 119 (in sheep).—Rail. & Henry, 1909a, 87.
- ostertagi* (Stiles, 1892) Rans., 1907k, 2; 1911a, 14, 55, 56–59, 82, 121, 122, figs. 38–43 (s. *Str. convolutus* Ostertag, species Harker, *cervicornis*, *harkeri*) (in *Bos taurus*, *Ovis aries*, *O. nahura*; Europe, U. S. A., ? Australia, New Zealand).—Craig, 1915, 498.—Fiebiger, 1912a, 272.—Gardner, 1911, 484, 493, fig. 2 (in cattle; Europe, U. S. A., N. Zealand).—Gedœlst, 1911a, 119, fig. 160 (in goat, ox, sheep).—Ihle, 1917, 169.—Rail., 1915, 741; 1915, RMv, 502.—Rail. & Henry, 1909a, 87.—Wolfh., 1911, 66.
- tricuspis* Marotel, 1912, RgMv, v. 19, 208 (in mouton; France).
- trifida* Cuillé, Marotel, & Panisset, 1911, Bull. Mém. Soc. Sci. vét., Lyons, v. 14 (2), 94–103 [nv.].—Gedœlst, 1911a, 119 (in sheep).
- trifurcata* Rans., 1907k, 2 (in *Capra hircus*, *Ovis aries*; U. S. A.); 1911a, 14, 55, 62, 63, 122, figs. 50–54 (in C. h., O. a.; U. S. A.).—Blgr., 1914, P, v. 7 (3), 241, 243–245, fig. 1, pl. 19 figs. 1–5 (in O. a.; Eng.).—Cave, 1914, P, v. 7, 201–203, figs. 1–3.—Gedœlst, 1911a, 119 (in C. h., O. a.).—Ihle, 1917, 165, 169.—Rail. & Henry, 1909a, 87.
- OSWALDOCRUZIA Trav., 1917, Bm, v. 31 (9), 73 (tod. *subauricularis*).
- bialata* (Mol., 1861) Trav., 1917, 73 [t. h. *Pelophylax esculentus*; Padua].
- denudata* (Rud., 1819) Trav., 1917, 73 [t. h. *Coluber tessellatus*; Mus. Wien].
- dispar* (Duj., 1845) Trav., 1917, 73 [t. h. *Anguis fragilis*; Rennes].
- filiformis* (Gœze, 1782) Trav., 1917, 73 (s. *Str. auricularis* Zed., 1800) [t. h. *Rana temp.*; Europe].
- leidyi* Trav., 1917, 73 (n. n. for *Str. auricularis* Zed. of Leidy, 1856, not Zed., 1800 [t. h. *Bufo americanus*, *Cistudo carolina*]).
- subauricularis* (Rud., 1819) Trav., 1917, 73 (in *Bufo aqua*, *B. musica*, *B. ornatus*, *Ceratophrys cornuta*, *Cystignathus ocellatus*; Brazil).
- subventricosa* (Schneid., 1866) Trav., 1917, 73 [t. h. *Rana cornuta*; Brazil].
- OXINEMA Trav., 1914, v. 6 (2), 138 (g. of *Heterakidae*) (for *Oxyinema*).
- OXIURIS Hamm. in Leuck., 1835a, 88 (for *Oxyuris*).—Grassi & Par., 1878, 194; 1879, 421.—Clin. Mal., 1883, 309.
- OXIURUS Sons., 1878, 613 (for *Oxyuris*).—Clin. Mal., 1883, 309.—Stiles & Hass., 1905b, 125.
- curvula* (Rud., 1803) Sons., 1878, 613.
- OXYARIS Calmette, 1895, v. 60, 218 (for *Oxyuris*).
- OXYCEPHALA Blainv., 1828a, 535 (order) [not *Oxycephala* Guér., 1830, col.; Macq., 1843, dipt.].—Baird, 1853a, 2.
- OXYNEMA Linst., 1899b, 19–20 (mt. tod. rectum).—Lane, 1916, IJMR, 100, 101.—Stiles & Hass., 1905b, 125.
- boueti* (Gendre, 1911) Rail. & Henry, 1914, ICZ, 682 to *Subulura* (*Oxyinema*) (in *Xerus erythropus*).—Hall, 1916a, 54 (to *Subulura*).
- crassispiculum* (Sons., 1889) Rail. & Henry, 1914, 682 (in *Vulpes* (*Megalotis*) *zerda*), to *Subulura* (*Oxyinema*).
- rectum* Linst., 1899b, 19–20, pl. 5 fig. 56 (in *Canis megalotis* [= ? *Fennecus famelicus* or *F. zerda*], *C. vulpecula*; Egypt).—Hall, 1916a, 52, 60.—Rail. & Henry, 1914, 681, to *Subulura* (*Oxyinema*) (in *Vulpes* (*Megalotis*) *zerda*, *V. vulpes aegyptiaca*).—Seur., 1915, CrSB, 126 (so. *Allodapa crassispiculum*).
- OXYSOMA Schneid., 1866a, 23, 29, 54, 114–116, 190, 192, 201, 202, 204, 218, 242, 245, 248 [not *Oxysoma* Gerv., 1849, arachnoid; Kraatz, 1865, coleopt.].—A., D., & E., 1901b, 4.—R. Bl., 1888a, 661.—Linst., 1909a, 48, 59.—Rail. & Henry, 1916, 248–249; 1916, 115 (so. *Oxysomatium*).—Shipley, 1896a (b), 139, 142.—Skrj., 1916, 140.—Stadelmann, 1891a (1892a), 24 (164).—Stiles & Hass., 1905b, 125 (type probably *brevicaudatum*), 126.—Stoss., 1898c, 80.
- acuminatum* [(? Schrank, 1788)] Schneid., 1866a, 28, 202, 234, pl. 17 fig. 4.
- acuticauda* Linst., 1901b, 415, fig. 14 (in *Numida rikwæ*; Usanga, Rukwa-See, Africa).

OXYSONIA—Continued.

- brevicaudatum* (Zed., 1800), Schneid., 1866a, 114–115, pl. 11 fig. 1 (in *intes.*, *Rana temp.*).—André, 1912, 481–482, 484–485; 1913, 185 (in *R. t.*: Switz.).—Galli-Val., 1901c, 362 (in *Salamandra maculosa*).—Kowal., 1904, v. 38, 22 (7) (in *R. t.*: Dublany).—Kholodk., 1901, 253 (in *R. t.*, *Bufo vulg.*).—Lane, 1915, 114.—Linst., 1877, 179–180, pl. 12 fig. 9 (in *Anguis fragilis*); 1885, 246; 1886, 115–121, figs. 1–17; 1890d, 182; 1909a, 60, fig. 27 (in *Bombinator igneus*, *Bufo variabilis*, *B. vulg.*, *Pelobates fuscus*, *R. t.*, *Tropidonotus natrix*).—Müeh., 1898b, 53 (in *Bufo cinereus*, *B. var.*, *B. vulg.*, *R. t.*).—Rail. & Henry, 1916, CrSB, 249, 250.—Skrj., 1916, 72, 139, 140 (in *R. t.*).—Stewart, 1914, 168.—Stiles & Hass., 1894e, 342 (in *A. f.*, *R. t.*, *Spelerpes ruber*, *Storeria occipitomaculata*).—Stoss., 1892b, 71 (8) (in *Salamandra maculosa*; Trieste); 1898c, 80 (s. *Asc. acuminata*, *Fus. salamandræ*, *Het. acum.*) (in *Ang. f.*, *Bomb. ig.*, *Bufo vulg.*, *Sal. m.*; Trieste).—Also reported for *Ascalabotes mauritanicus*, *Bufo viridis*, *Sal. atra*.
- contortum* Linst., 1906, v. 1 (3), 256, fig. 17 (in *B. vulg.*; Corfu).—Skrj., 1916, 72, 73, 139, 140 (in *B. v.*).—Stewart, 1914, 168 (in *B. vulg.*; Corfu).
- dogieli* Skrj., 1916, 140–142 (in *Bufo* sp., gen. ?, sp. ?; Brit. E. Africa) (also as *Oxysomatium*).
- falcatum* Linst., 1906, v. 3 (11), 169, pl. 3 figs. 50–51 (in *Nicoria trijuga*; Colombo).—Skrj., 1916, 73, 139 (in *N. t.*).—Stewart, 1914, 170.
- fulcatum* Zool. Rec., 1908 (1906), v. 43, Verm., 37 (for *falcatum*).
- gracile* Linst., 1899b, 20, pl. 5 figs. 64–65 (in *Francolinus* sp.; Berl. Zool. Gard.); 1901b, 415 (in *F.*).—Skrj., 1916, 73, 139 (in *F. sp.*).
- kachuga* Stewart, 1914, RIM, 166, 169–170, 186, pl. 29 figs. 13–16 (in *Kachuga lineata*; Lucknow).—Lane, 1915, IJMR, 112, 113 (in *K. l.*).
- lepturum* (Rud., 1819) Schneid., 1866a, 114, 115–116 (in *intes.*, *Testudo mydas*), 235, pl. 7 fig. 14, pl. 12 fig. 3.—Looss, 1902m, 415 (in *Thalassochelys*; Egypt).—Schuberg & Schröder, 1904a, 511.—Skrj., 1916, 72, 139 (in *T. m.*).—Reported for *Chelone mydas*, *Halichelys atra*.
- macintoshii* Stewart, 1914, RIM, 165–168, 184–186, pl. 18 figs. 1–12 (in *Bufo stomaticus*, *Rana tigrina*; Lucknow).
- ornatum* Schneid., 1866a, 28, 56, 203, 215, 220, 221, 280, pl. 17 fig. 3.—Bütsch., 1873a, 10.—Stœdter, 1901a, 16.
- perezi* Gendre, 1911, ASL Bordeaux, 95–97 (1–3), figs. 1–6 (in *Chamaeleon gracilis*; Labé, Fr. Guinée).—Skrj., 1916, 72, 139, 140 (in *Chamaeleo gracilis*).
- tentaculatum* (Rud., 1819) Schneid., 1866a, 114, 115 (in *intes.*, *Didelphys*; Brazil), 192, 202, 204, pl. 7 fig. 13, pl. 12 fig. 1, pl. 15 fig. 3, pl. 16 fig. 2.—Skrj., 1916, 72, 139 (in *D.*).—Reported for *Didelphys cancrivora*, *D. dom.*, *D. lanigera*, *D. opossum*, *D. philander*, *D. quica*.
- terdentatum* Linst., 1890d, 182–183, figs. 10–11 (in *Triton cristatus*; by Linst.).—Stewart, 1914, 168 (in *T. C.*).
- tricirratum* Linst., 1901b, 415–416, fig. 15 (in *Sternotherus nigricans*; Rukwa-See, Africa).
- tuberculatum* Linst., 1903k, 114–115, fig. 13 (in *Megalophrys montana*; Siam).—Skrj., 1916, 73, 139 (in *M. m.*).—Shipley, 1903l, 154 (in *M. m.*).—Stewart, 1914, 168 (in *M. m.*).
- unguiculatum* (Linst., 1906) Skrj., 1916, 140.

OXYSONIINÆ Hall, 1916b, 521.

OXYSONIUM (Rail. & Henry, 1913) Rail. & Henry, 1916, CrSB, 115 (tod. *brevicaudatum* Zed., 1800); 1916, CrSB, 249, 250 (type *brevicaudatum* of Schneid. = *longispiculum*).—Lane, 1916, IJMR, 103.—Skrj., 1913, 72–74, 138–140 (*Oxysomatium*, misprint).

- brevicaudatum* (Zed., 1800) Rail. & Henry, 1916, CrSB, 115.—Skrj., 1916, 74, 77.
- contortum* (Linst., 1906) Skrj., 1916, 74, 77.
- dogieli* Skrj., 1916, 74–76, 77, 140–142, pl. 7 figs. 52–56 (in *Bufo* sp., gen. ?, sp. ?; Brit. E. Africa).
- lepturum* (Rud., 1819) Lane, 1916, 102 (in *Chelone mydas*).
- longispiculum* Rail. & Henry, 1916, 250 (for *Oxysoma brevicaudatum* Schneid.).
- perezi* (Gendre, 1911) Skrj., 1916, 74, 77.
- unguiculatum* (Linst., 1906) Skrj., 1916, 74, 77.

- OXYSPIRURA** Drasche in Stoss., 1897b, 123-126 (111-114) (tsd. cephaloptera).—Gedöelst, 1911a, 110.—Linst., 1903k, 112 (to Cheilospirura pars).—O'Zoux, 1910, CrSB, v. 68, 974-975.—Rail., 1915, 749; 1915, RMv, 513; 1916, JP, v. 2 (3), 99, 100, 104 (type ceph.).—Rans., 1904a, 20-29 (type ceph.).—Skrj., 1916, 529-530.—Stiles & Hass., 1905b, 126 (type ceph.).—Sweet, 1910, PRSQ, v. 23, 242-256.
- acuminata* (Mol., 1860) Stoss., 1897b, 123 (111) (in intest., Brycon falcatus; Brazil).
- anacanthura* (Mol., 1859) Stoss., 1897b, 123-124, 148 (111-112, 136) (in *Crotophaga ani*, *C. major*; Brazil).—Rail., 1916, 104 (in *C. a.*, *C. m.*).—Rans., 1904a, 4, 21, 47, figs. 10-11 (in *C. a.*, *C. m.*; B.).
- anolabiata* (Mol., 1859) Rans., 1904a, 4, 21-22, 46, fig. 12 (in *Crax fasciolata*; Brazil).
- anthochaeræ* (Johnst., 1912) Johnst., 1912, PRSQ, 80-81, pl. 4 figs. 34, 36 (in *Anthochaera carunculata*; Coll. Krefft, Australia).
- anthochaeræ* Rail., 1916, JP, 105 (for *anthochaeræ*) (in *Anthochaera carunculata*).
- brevipenis* (Mol., 1860) Stoss., 1897b, 126, 150 (114, 138) (in *Dicholophus margravi*; Brazil).—Rans., 1904a, 4, 22-23, 47, fig. 13 (in *D. m.*; B.).
- brevisubulata* (Mol., 1860) Stoss., 1897b, 124 (112) (in *Strix atricapilla*; Brazil).—Rail., 1916, 105 (in *Otus choliba*).—Rans., 1904a, 23, 48 (in *S. a.*; B.).
- cephaloptera* (Mol., 1860) Stoss., 1897b, 124-125 (112-113) (in *Icterus croconotus*, *Momotus brasiliensis*; Brazil).—Rail., 1916, 104 (in *I. c.*, *M. momota*).—Rans., 1904a, 4, 20, 23-24, 26, 48, 50 (in *I. c.*, *M. b.*; B.).
- heteroclita* (Mol., 1860) Rans., 1904a, 24, 46 [as doubtful *Oxyspirura*] (in *Crax urumutum*; Brazil).
- mansoni* (Cobbold, 1879) Rans., 1904a, 2, 3, 4, 7, 8-9 (treatment), 11, 12, 14, 16, 17, 18, 19, 20, 22, 25, 47, figs. 1-9 (s. *Spiropt. emmerezii*) (in *Gallus dom.*, *Pavo cristatus*; Brazil); 1904a, 1-54, figs. 1-40, pl. 1 figs. 1-3; 1905g, 138-145; 1906a, 615-616.—Barber, 1916, 40-41 (in chickens; Guam).—Case, 1911, 204-206.—Fujita, 1911, v. 1 (4), 423-426; 1911, v. 17, 707-708.—Gedöelst, 1911a, 110 (in chicken, peacock, turkey).—Nev.-Lem., 1912a, 1805.—Norgaard, 1915, 188 (Hawaii).—O'Zoux, 1910, CrSB, v. 68 (20), 974-975 (in dindon).—Rail., 1916, 105 (in *Gallus dom.*, *Meleagris gallopavo*, *P. c. dom.*).—Yoshida, 1908, v. 20, 359-364, pl. (in ch.).
- ophthalmica* (Linst., 1903) Rans., 1904a, 4, 26-27, 29, 46, figs. 16-18 (in *Turnix taigoor*; Siam).—Rail., 1916, 105 (in *T. t.*).
- papillosa* (Mol., 1860) Rans., 1904a, 4, 27-28, 46, figs. 19-20 [doubtful *Oxyspirura*] (in *Falco destructor*, *F. gracilis*; Brazil).
- parvovum* Sweet, 1910, 247-252, pls. 33-35 figs. 14-21 (in chicken; Queensland).—Breinl, 1912, 44 (in fowls; Townsville).—Gedöelst, 1911a, 110 (in ch.; Q.).—Nicoll, 1914, 5 (in ch.; Q.).—Rail., 1916, 105 (in *Gallus dom.*).
- siamensis* (Linst., 1903) Rans., 1904a, 4, 28, 29, 47, fig. 21 (in *Centropus siamensis* [=sinensis]; Siam).—Rail., 1916, 105 (in *C. sinensis*).
- spiralis* (Mol., 1860) Stoss., 1897b, 125-126 (113-114) (in *Bradypus cuculliger*, *B. didactylus*; Brazil).
- stereura* (Rud., 1819) Rans., 1904a, 29, 45 (in *Falco naevius*; Wien, Croatia).
- sygmoidea* (Mol., 1860) Stoss., 1897b, 125 (113) (in *Corvus frugilegus*; Wien).—Rans., 1904a, 4, 29-30, 49, fig. 22 (s. *Spiropt. anthuris* pars) (in *C. f.*; Wien).—Skrj., 1916, 530, fig. 39 (in *C. corone*, *C. f.*).
- OXYSTOMA** Bütsch., 1874b, 270-271 (mt. tod. elongata) [not *Oxystoma* Dum., 1806, coleopt.; Blainv., 1825, mollusk].—Stiles & Hass., 1905b, 126.—Villot, 1875a, 462, 463, 466.
- asetosa* Southern, 1914a, 18-20, pl. 1 figs. 3 a-d (Clew Bay).
- elongata* Bütsch., 1874b, 270-271, pl. 4 figs. 18 a-d (marine; bei Sylt).—Man, 1907, v. 10, 228, 231-232 (free; Falmouth, Ierseeke); 1907, 33, 35, 43-47, 87, pl. 1 fig. 6 (Zealand).—Villot, 1875a, 466 (Kiel).
- pellucida* Cobb, 1898d, 395-397 (in mud; Port Jackson, Australia).—Man, 1907, v. 20, 43, 47 (? so. elongatum) (P. J.); 1907, v. 10, 231 (probable so. el.).
- Oxyure** (French vernacular for *Oxyuris*).—Bonamy, 1841a, 70-86 (path.).—Blaise, 1893, 405 (death of horse).—Garin, 1913, v. 11, 23-25 (biol., path.); 1913, v. 120, 136-139.—Guiart, 1911a, 249.—Moniez, 1899b, 754, figs.—Rail., 1883, 249 (of horse).—Rheindorf, 1913, v. 9 (5), Feb. 2 (appendicitis); 1913, MK Berl., v. 1 (2), 53-57, figs. 1-9; (3), 96-99, figs. 10-17; (4), 133-136, figs. 18-20; (5), 177-178 (appendicitis).

- Oxyures (plural for Oxyuris).—Smith, 1859b, 277.—Blaise, 1893a, 405 (death of horse); 1893b, 486-487; 1894, v. 1 (9), 306.—Blanc, 1888a, 347 (excr. syst.); 1888d, 58-59.—Carson, 1906, v. 14 (21), 166.—Deguy, 1901, v. 15 (8), 124-125 (treatment).—Devaux, 1887a, 415-417 (pseudomeningitis).—Dugès, 1886, 1-27, pls. 1-2.—Galeb, 1879c (1879) (1-6) (of insects).—Jacquemin, 1913, v. 25, 520 (incontinence).—Lacassagne, 1901b, 51.—Lacourt, 1903a, 121-123 (naphthaline).—Perrin & Thiry, 1913, 422 (frequency in Lorraine iron mines); 1913, v. 45, 894-898 (treatment); 1914, v. 18 (3), Feb. 1; 1914, v. 22 (21), 212; 1914, v. 18, 91-95.—Peyreigne, 1869a, 302-307 (pseudomeningitis).—Roger, 1905e, 479-481 (of horse); 1906b, 137.—Seur., 1912, CrSB, v. 73 (27), 223-227, figs. 1-6.—Thébault, 1902a, 557-558 (path.).
- vermiculaires* (Linn., 1758) Compérat, 1859b, 115 (treatment); 1860a, 280; 1860b, 540.—Hawkins, 1893a, 158-159 (poisoning from carbolic).—Smith, 1859b, 277.
- OXYURIAS Stiles in Stiles & Hass., 1905b, 150 (tod. Oxyuris vermicularis).—Allen, 1910, v. 55 (2), 127.—Fracker, 1914, S, v. 39, 367.—Rail. & Henry, 1916, CrSB, 114 (so. Enterobius).—Ward, 1907, 207 (migrations, bacteria).
- vermicularis* (Linn., 1758) Ward, 1907, 208.—Allen, 1910, JAMA, v. 55 (2), 127 (in appendix).—Fracker, 1914, v. 1 (1), 22-30, fig. 1 (nematode formula).—Leiper, 1913, 266-268.—Stiles, 1907b, 50 to Oxyuris (Oxyurias).—Sweet, [1915], 23.
- Oxyuriasis (Infection with Oxyuris).—(DEUTSCHLAND) Schmidt, 1914, Diss., Rosstock, 1915, MK, v. 11, 753 (*Gelonida aluminii subaceticici*).—Seifert, 1908a, 569; 570, 571 (cutaneous).
- (FRANCE) Perrin & Thiry, 1913, 422 (frequency in Lorraine iron mines).
- (Gr. BRIT.) Cast. & Chalm., 1910a, 941.—Dobell, 1870, in 1-645; 1871, in 1-606.—Hawkins, 1899a, 1732-1733 (case).
- (HUNGARY) Hut. & Mar., 1910b, 507; 1913b, 502-503.
- (ITALY) Barbag, 1900a, 275-278; 1900b, 1157-1159; 1901a, 57-58 (cutaneous).—Vignolo-Lutati, 1907a, 81-88; 1908a, 31 (cutaneous).
- (SWITZ.) Revilliod, 1913, RmSr, v. 33, 317-319.
- (Miscellaneous) F., S., & T., 1916a, 696-698.
- Symptoms, sequelæ, associated conditions: (DEUTSCHLAND) Ebstein, 1910, TM, v. 24 (6), 284; 1910, JAMA, v. 55 (5), 446 (chronic constipation).
- (FRANCE) Devaux, 1887a, 415-417 (pseudo-meningitic).—Jacquemin, 1913, v. 25, 520 (enuresis).
- (ITALY) Arullani, 1904, Rm; 1904, NYMJ, v. 80 (16), 754 (sigmoiditis).
- (SWITZ.) Eichhorst, 1901a, 304.
- Treatment: (BELGIUM) Lacourt, 1903a, 121-123 (naphthaline). (U. S. A.).—Hemmeter, 1902a, 579.
- (DEUTSCHLAND) Stettiner, 1912, BkW, v. 49 (19), 901-902.—Stursberg, 1914, DmW, v. 40 (2), 103-104 (oil of chenopodium).—Trumpp, 1913, ZK, v. 8 (3); 1913, MmW, v. 60 (38), 2136; 1913, MmW, v. 60 (21), 1178.
- (FRANCE) Deguy, 1901, RgCT, v. 15 (8), 124-125.—Perrin & Thiry, 1913, RmE, v. 45, 894-898; 1914, AMCI, v. 18 (3), 91-95; 1914, Pm, v. 22 (21), 212.
- (SWITZ.) Eichhorst, 1901a, 304.
- (U. S. A.) Hemmeter, 1902a, 580.
- OXYURIDÆ Cobbold, 1864b, 64-67 (contains Oxyuris, Ptychoc., Pseudonymus, Pharyngodon, Mastigodes, Passalurus, Het., Subulura, Cosmocerca, Thelast., Streptost., Alloadapa); 1879b, 5.—Campb. & Lacr., 1907, 70.—F., S., & T., 1916a, 375, 467, 695, 696, 698.—Galeb, 1878c, (of insects).—Hall, 1916a, 39, 65; 1916b, 518.—Pillers, 1910, VN, v. 7, 612 (symptoms in horses).—Rail., 1915, 491; 1915, 734.—Rail. & Henry, 1916, CrSB, v. 79 (3), 113-115.—Sear., 1912, 223-226, figs. 1-6; 1915, 31.—Skrj., 1916, 58.—Sl. & Sw., 1912a, 311, 319, 372.
- OXYURIDEA Weinl., 1858a, 88 (f. contains Oxyuris); 1859, 282.—Carus, 1863, v. 1, 460-461 (of Dies., subf. contains, Ox., Het.).—Dies., 1861a, 614 (contains: Ox., Passalurus, Pharyngodon, Het., Alloadapa, Subulura, Cosmocerca).
- Oxyuriden (German vernacular for Oxyuridæ).—Perronc., 1903h, 83-84, figs. 1-5 (development); 1904, 455-456; 1904b, 113; 1904c, 455-456.
- Oxyurides (English and French vernacular, also plural, for Oxyuris).—Adam, 1870, 237.—Aitken, 1866, 804; 1872, 150, 177.—Arullani, 1904, NYMJ, v. 80 (16), 754 (sigmoiditis).—Barbag., 1901, MN., v. 78 (2), 57-58.—Galeb, 1877a, 236-

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239 (of Blatta); 1878b, 283-390, pls. 17-26; 1878c, 432-434; 1879a, 766-768; 1879b, 975-977; 1879c, 260-266.—Hawkins, 1899a, 1732-1733 (12 years in an adult).—Lacassagne, 1901c, 464 (medico-legal).—Morkovitin, 1904a, 323-325; 1904b, 947.—Nassonov, 1897d, 202-205, figs. 1-3.—Perronc., 1904, 113.—Rail. & Henry, 1916, CrSB, v. 79 (7), 247-250.—Stiles, 1903, 92.

vermiculares (Linn., 1758) Ferguson, 1888a, 1056 (epileptiform attacks).—Frazier, 1900a, 65-68 (in appendix).

OXYURINÆ Hall, 1916a, 65, 99 (contains Oxyuris, Dermatoxys).

OXYURIS n.g. Schlotthauber, 1860a, 127 (*vermicularis*, *alata*, *obvelata*, *spinicauda* (new name), *brachyura* (= *brevicaudata* Duj.), *dispar*, *acuminata* (new name), *brevicaudata* Rud., *leptocephala*, *gracilis* (n. sp.)).

OXYURIS Rud., 1803a, 6-8 (mt. *curvula*=*equi*) [not Oxyurus Raf., 1810, fish; Swains., 1827, bird; Oxyura Bonap., 1828, bird; Oxyura for Oxura Kirby, 1817, coleopt.; 1809a, 4, 15, 32, 100, pl. 1 figs. 3-5; 1814a, 88; 1819a, 13, 228-229; 1829c, 506, 508; 1829d, 617; 1831a, 210, 214-215.

(AUSTRALIA) Cleland & Johnst., 1912, v. 2, 113.—Krefft, 1871a, 210.

(AUSTRIA) Brems., 1824a, 124-125.—Hamm., 1847b (c), 279-288, figs. 1-34.—Raudnitz, 1908, PmW, (20); 1908, DmW, v. 34 (29), 1288.—Slawikowski, 1819, 64.—Stoss., 1898c, 81-92.

(BELGIUM) Geddelst, 1911a, 133.

(BRAZIL) Oliveira, 1904, 332.

(BRIT. GUIANA) Daniels, 1910a, 158; 1914a, 171.—Daniels & Stanton, 1907a, 350.

(DEUTSCHLAND) Anacker, 1886, 240; 1890h, 446; 1892g, 323.—Askanazy, 1896c, 116.—Braun, 1883a, 149, 166; 1895b, 26, 213, 241, 244-245; 1903a, 253; 1906a, 22, 334, 338-339; 1908a, 342; 1915a, 368.—Braun & Lûhe, 1910a, 164.—Bûetsch., 1876, 229.—Burm., 1837a, 535; 1856a, 279.—Carus, 1863, v. 2, 460.—Crep., 1839a, 279; 1846b, 178.—Edelmann, 1914a, 270; 1916, 258.—Eichw., 1829a, 250.—Frœhner, 1915a, 254.—Goldb., 1855a, 110.—Gurtl, 1831a, 350.—Huber, 1893a, 157-239.—Koell., 1843a, 85, 105.—Kûech., 1855a, 229, 235, 274-275.—Leuck., 1863a, 96, 110-111; 1867b, 33, 35, 89, 94, 155, 230, 231; 1868a, 285-286, 353, 363, 433, 492; 1876a, 875; 1879a, 73, 88, 94, 120, 131, 132, 150, 158, 159, 187, 193, 196, 205, 206, 208, 212; 1886, 56, 66, 71, 90, 100, 101, 115, 123, 124, 151, 161, 398, 738.—Lindner, 1890a, 26.—Linst., 1902d, 30, 31, 32; 1904f, in 91-104 (1-14); 1904n, 297-309, pl. 1; 1906, AN, in 249-258, pl. 1-3; 1907, Cfb, v. 44, 265-267, pl. 1; 1909a, 43, 69; 1909, Cfb, v. 50, in 443-451, figs. 1-4.—Mayer, 1841a, 14-16, 26.—Mertens, 1892a, 1099, 1100.—Meyer, 1896a; 1896b, 54-82, pls. 4-5 figs. 1-25; 1897a, 94-95.—Neum. & Mayer, 1914a, 452.—Nordm., 1832a, 5; 1840a, 663.—Oefeles, 1902a, 470.—Olfers, 1816a, 23, 56.—Schlotthauber, 1860a, 127.—Schneidem., 1896a, 323.—Schneid., 1866a, 13, 14, 15, 29, 30, 51, 116-118, 189, 190, 192, 201, 202, 203, 208, 218, 232, 238, 286.—Stadelmann, 1891a (1892a), 19 (160).—Vogt, 1878a, 14.—Wagner, 1883, 111.—Wallenstedt, 1847a, 8.—Will.-Subm., 1870a, 25.—Zûern, 1882a, 113, 225, 251.—Zwicke, 1841a, 29.

(EGYPT) Looss, 1902n, 756; 1905, 19; 1911a, 182, 183, 188, 189, 293.

(FRANCE) Andral, 1829a, 180, 185-186; 1829, 506, 508, 617; 1831a, 210, 214-215.—Assénova, 1899, 78-79, 109-110.—Bail., 1866b, 45-46.—Blainv., 1828a, 539-540.—R. Bl., 1888a, 661.—Brumpt, 1913a, 415.—Calmette, 1893, 218 (Oxyaris).—Cuv., 1817a, 31.—Dav., 1877a, xciii.—Deslgchs., 1824h, 597-599, 1827e, 570-571.—Duges, 1826a, in 225-251, pls. 47-48, figs. 1-51.—Duj., 1845a, 136-138.—Guiart, 1911a, 249.—Hémont, 1827a, 8.—Lacassagne, 1901a; 33-42; 1901b, 51.—L'Herminier, 1826a, 10, 29.—Moniez, 1896a, 301; 1899b, 754, figs.—Nev.-Lem., 1904a, 97; 1914, v. 11, 452.—Perez, 1866a, 188.—Rail. & Henry, 1916, CrSB, 114 (type *equi*) (s. Oxyurus Lam., 1816, Lepturis Schlotth., 1860).—Seur., 1912, CrSB, v. 73 (27), 225-227, figs. 1-6 (in Uromastix acanthinurus); 1915, BSHnA, v. 7, 24-31, figs. 1-9 (Morocco); 1916, CrSB, v. 79 (2), 64-68, figs. 1-3.—Vauil., 1901a, 132.—Verdun, 1907a, 321, 342.

(GR. BRIT.) A., D., & E., 1901b, 3 (in horse, hare, iguana, man, rabbit).—Cast- & Chalm., 1910a, 4, 444; 1913a, 9, 547.—Cobbold, 1862o, 1874k, 167 (treat. ment).—Joy, 1835a, 503.—Lancet, 1886, 1176.—Osler, 1896b, 879-880.—Sandwith, 1894, L, v. 1, 1364.—Shipley, 1901b, 129, 131, 135, 139, 141, 160.

(HUNGARY) Hut. & Mar., 1910b, 507.—Mlinarich, 1832a, 13.

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- (IRELAND) Bellingh., 1845a, 478.
- (ITALY) Chiaje, 1825a, 5.—Dubini, 1843, 5; 1844, 186.—Erc., 1875e, 35, 36.—Grassi & Par., 1878, 194; 1879, 421.—Mol., 1857a, 151.—Par., 1887b, 351 (79); 1896, v. 7, in 103–113; 1898a (b), 14 (13).—Rizzo, 1902b, in 26–41, figs. 1–11 (in reptiles).—Setti, 1897a, in 1–50, pls. 1–2; 1897b, 198–247, pls. 1–2.
- (NETHERLANDS) [van Phelsum, 1781a, in 1–158].—Sl. & Sw., 1912a, 319–321.
- (NORWAY) Olss., 1869b, 487.—Roll., 1911, NML, v. 9, 32–35, 1 fig.
- (RUSSIA) Kholodk., 1899a, 175–177.—Mordw., 1908, v. 13 (1–2), 141, 146, 147, 175.
- (SWEDEN) Jægers., 1897, 9.
- (SWITZ.) Bugnion, 1881c, 382.—Schulthess, 1882, 172.
- (U. S. A.) Dungl., 1895a, 107.—Hall, 1916a, 60, 65–67, 68, 70, 72, 73, 74, 77–78, 79, 80, 81, 83, 84, 85, 87, 88, 90, 94, 95, 98, 221, 225 (type equi); 1916b, 518.—Pearse, 1916, RHMS, v. 6, 967.—Pratt, 1916a, 225.—Rans., 1904d, 43, 44, 52, 53, 54, 57, 63, 65, 71 (in Homo; Italy, Germany, Japan).—Simon, 1897a, 209.—S., F., & W., 1908a, in 283–294, pls. 1–10.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 126 (s. *Oxyurus*, *Lepturis*, *Oxiurus*).—Verrill, 1870, 233.—Ward, 19031, 222; 1916, 701, 702.
- (MISCELLANEOUS) F., S., & T., 1916a, 497.—Fischer, 1840, v. 13 (1), 153.—Güenth., 1858, 200–201.—Patton & Cragg, 1913, ME, 345.—Sjæbeck, 1830a, 9.—Skrj., 1916, 59–60, 129.
- , Anatomy: (DEUTSCHLAND) Flögel, 1869a, 234–243, pl. 20 (lips).—Leuck., 1868, 433 (vaginal cells).—Martini, 1908, ZA, v. 32 (19), 551–559, fig. 1; 1912, ZA, v. 39 (1), 49–53, figs. 1–2.
- (GR. BRIT.) Rollest., 1888a, 677, 679, 680, 681, 682, 683, 685, 686.
- (SWITZ.) Blanc, 1888a, 58; 1888b, 347 (excretory system).
- , Appendicitis: (DEUTSCHLAND) Aschoff, 1913, MK, v. 9, 249–251; 1914, BkW, v. 51 (32), 1504–1507.—Gottstein, 1911, BkW, v. 48 (33), 1534.—Hüeck, 1913?, FZP, v. 13 (3); 1913, BkW, v. 50 (41), 1913.—Oppe, 1903a, 859–861.—Rheindorf, 1912, BkW, v. 49 (10), 451–456, figs. 1–5; (11), 503–507, figs. 1–5; 1913, MK, v. 9, 53–57, 96–99, 133–136, 177–178, figs. 1–29; 1913, JAMA, v. 60 (22), 1750.
- (FRANCE) Begonin, 1902, GhSmB (30); 1903, FM, v. 21 (19), 642–643.—Garin & Chalié, 1913, LC, v. 9 (4), 418–422, figs. 1–2; 1913, Gm, v. 84, 215; 1913, JAMA, v. 60 (19), 1499.—Rail., 1911, CrSB, v. 70 (9), 310–311.
- (GR. BRIT.) Carson, 1906, L, v. 170, 599–600; 1906, Pm, v. 14 (21), 166.—Hamilton, 1912, BMJ, v. 1, 950.—Heekes, 1907, BMJ, v. 1, 624.—Wilson, 1912, BMJ, v. 1, 829–830.
- (ITALY) Perronc., 1903, Gmi, v. 54, 61–62.
- (NORWAY) Roll, 1910, NML, v. 72 (1) (ileus).
- (RUSSIA) Morkovitin, 1904a, 323–325; 1904b, 947.
- (SWEDEN) Bäärnhjelm, 1913, Hygiea, v. 75 (11).
- (U. S. A.) Cecil, 1912, PNYPs, v. 12 (3–7).—Cecil & Bulkley, 1912, AJMS, v. 143, 793–810, figs. 1–6; 1912, FM, v. 30 (40), 1260; 1913, CPA, v. 24 (10), 450–451.—Frazier, 1900a, 65–68.
- , Development, life-history, etc.: (DEUTSCHLAND) Martini, 1907, AVFN, v. 61, xxiii–xxvii (muscles).
- (EGYPT) Galeb, 1878a, 285, 286, 288, 289, 290–292, 377, 378; 1879, 1–6.—Looss, 1905, 117, 118.
- (FRANCE) Hallez, 1879c, 251–253.—Jammes, 1892b, 1555–1557; 1892d, 613.—Seur., 1913, CrSB, v. 74, 1089–1092, figs. 1–4; 1914, CrAS, v. 159, 755–757.
- (ITALY) Perronc., 1903f, 61–62.
- , of horses: (DEUTSCHLAND) Jerke, 1901a, 347–408, figs. 1–4, 1–15; 1901b, 1–64, figs. 1–4, pl. 1 figs. 1–15; 1904, 14.—Künnemann, 1908, JnG, 28–29.
- (FRANCE) Blaise, 1893a, 405; 1893b, 486–487; 1894a, 306.—Rail., 1883c, 249.—Rail. & Henry, 1903b, 133–137, figs. 1–4; 1903c, 358.—Roger, 1905e, 479–481 (depilation of tail); 1905f, 272; 1906b, 137.—Signol, 1884a, 227.
- , Location (unusual) in body of host: (AUSTRIA) Kolb, 1902a, 268–272 (Cavum Douglasii).

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- (DEUTSCHLAND) Proskauer, 1891a, 310-313, figs. 21-23 (nose).—Seligsohn, 1878a, 275-277 (mouth).—Seifert, 1908a, 526 (peritoneal cavity), 570 (Peyer's glands), 571 (nose).
- (FRANCE) Peyreigne, 1869a, 302-307 (rectum; pseudo-meningitis).
- (ITALY) Strada, 1907, ASm, v. 31, 418-428, fig. 1 (peritoneal cavity).
- (U. S. A.) Cobb, 1890a, 168-185, figs. 1-5 (stomach).
- , Pathology: (FRANCE) Bonamy, 1841a, 70-86.—Thébault, 1902a, 557-558
- , Statistics: (U. S. A.) Stiles, 1915, 1992, 2060ff.—Stiles & Garrison, 1906a, 11, 12, 27, 36, 39, 51, 60-61, 64, 65, 68, 71, 72.
- , Toxicity: (DEUTSCHLAND) Seifert, 1908a, 513.
- acanthura* (Dies., 1851) Mol., 1859h, 18-21, pl. 1, figs. 4-7 (s. spinicauda, *Asc extenuata*) (in *Chrysomelprus ocellatus*, *Podarcis muralis*; Algéciras, Padua).—Par., 1894a, 224 (in *Lacerta ocellata*; Padua) to (*Pharyngodon*).
- acanthura* Linst., 1904f, 11, pl. 2 fig. 22 (in rectum, *Calotes versicolor*; Colombo) 1907, v. 29, 82 (Ceylon).
- acuminata* Schlotthauber, 1860a, 127 (no details).—Mayer, 1841a, pl. 3 fig. 16,
- acutissima* (Zed., 1800) Hall, 1916a, 66, 67, 95 (in *Sciurus vulg.*; Europe); 1916b, 518.
- ægyptiaca* Galeb, 1878b, 294-295 (12-13), pl. 25 figs. 1-2 (in *Polyphaga ægyptiaca*), 309, 310, 327, 329, 333, 335, 360, 378.—Linst., 1889a, 105 (in P. a.).
- alata* Rud., 1819a, 19, 229 (in intest., *Meles taxus*; Mus. Wien).—Brems., 1824c, 6-9, pl. 2 figs. 4-5.—Dies., 1851a, 139-140 (in M. t.; M. C. V.).—Duj., 1845a, 140.—Galeb, 1878b, 286.—Nordm., 1840a, 663.—Rail. & Henry, 1915, BSPE, 274.—Schlotthauber, 1860a, 127.—Schneid., 1866a, 116.—Seur., 1912, 226 (13).
- albatica* Stoss., 1898c, 84 (s. inflata Drasche) (in *Testudo græca*; Trieste).—Galli Val., 1901c, 362 (in T. g.).—Rizzo, 1902b, 32 (s. inflata) (in T. g.).
- allodapa* Crep., 1853 (1854a), 61-64 (in *Dicholophus cristatus*; Brazil).—Dies., 1861a, 644 (renamed *Allodapa typica*).
- ambigua* Rud., 1819a, 19, 229-230 (in intest., *Lepus cuniculus*, *L. timidus*; Mus. Wien).—Bail., 1866b, 46.—Brems., 1824c, pl. 2, 6-9.—Büetsch., 1876, 229.—Carus, 1863, v. 2, 461 (to *Passalurus*).—Cobbold, 1858d, 167; 1879b, 319 (rodents).—Dies., 1851a, 140 (in L. c. dom. et ferus, *L. timidus*).—Eberth, 1863a, 63, 65, 66, 67, 69, 70, pl. 8 figs. 4, 7, 8, 10.—F., S., & T., 1916a, 469.—Fiebiger, 1912a, 299.—Fischer, 1840a, 153 (in L. t.).—Galeb, 1878b, 286, 289.—Galli-Val., 1901c, 362 (in lapin); 1915, 512 (in L. c., L. d.; Lausanne).—Gedöelst, 1911a, 133 (in dom. rabbit, etc.).—Hall, 1916a, 66, 67, 68-70, 72, figs. 76-79 (in *L. arcticus*, *L. europæus*, *L. sp.*, *Oryctolagus cuniculus*, *Sylvilagus floridanus* *mallurus*; U. S. A., Europe); 1916b, 518.—Hut. & Mar., 1910b, 507; 1913b, 502.—Köell., 1843a, 69, 73, 75, 84, 130, 135, 137, pl. 7 fig. 26.—Kowal., 1894a (b), 226 (Dublany); 1894, 7.—Leuck., 1863a, 58; 1867b, 54, 60, 130, figs. 7, 65, 100; 1868a, 286, 289, 299, 317, 325, 331, 333, 339, figs. 193, 197, 198; 1879a, 132, fig. 64; 1886d, 101, fig. 64.—Linst., 1899d, 20, pl. 5 fig. 53 (in *L. glacialis*; Greenland).—Martini, 1908, v. 32 (19), 556.—Mayer, 1841a, 14, 15, 16, pl. 3 figs. 14-15.—Mayer, 1908, ZJ, 496, 498, 519, 520, 533, 537.—Mol., 1861c, 276.—Moul., 1856a, 32.—Neum. & Mayer, 1914a, 454.—Nev.-Lem., 1912a, 686.—Nordm., 1840a, 663.—Nutton, 1911, v. 1 (1), 11-12.—Perronc., 1882a, 337 (Ossiuride).—Porta, 1911, 376 (in L. c.; Parma).—Rail., 1889r, 376 (in Lapin); 1893a, 417.—Schneidem., 1896a, 324 (in Kaninchen, Hase).—Schneid., 1866a, 28, 51, 116, 117, 119, 299, pl. 7 fig. 12.—Shipley, 1896a (1901b), 141 (in hares, rabbits).—Sl. & Sw., 1912a, 372, 401.—Stiles & Hass., 1894e, 341 (in L. c.).—Stöedter, 1901a, 81.—Stoss., 1890e (f), 56 (11) (in L. c.; Venice).—delle Valle, 1909, 25.—Wolffh., 1911, 78.
- ambiguus* (Rud., 1819) Hutton, 1911, JLSTM, v. 1 (1) 11-12 (see *ambigua*).
- angulata* Rhind, 1829a, 102-104, pl. 5 figs. 13-21, pl. 4 fig. 17.
- annulata* Linst., 1899b, 21-22, pl. 5 fig. 51 (in *Stellio vulg.*; Egypt).—Skrj., 1916, 69-71, 136-138, pl. 7 figs. 47-51.
- annulata* Rizzo, 1902b, 31-32, figs. 3-4 (in *Gongylus ocellatus*; Catania).

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- appendiculata* (Leidy, 1850) Linst., 1877a, 7-9, pl. 1 fig. 12 (in *Periplaneta orientalis*); 1878a, 291 (= *blattæ-orientalis*) (in P. o.); 1889a, 105 (apparently for *O. blattæ* Hamm.) (in P. o.).—Mordw., 1908, v. 13 (1-2), 146.
- armata* Polonio, 1859 [nv.].—Par., 1894a, 627 (in *Lacerta muralis*).
[*aviaria* Crep., 1853b (1854a), 62 (not as specific name).]
- bathoësi* Concilium Bibliographicum card for *bulhøsi*, 1900.
- bidentata* Linst., 1880a, 46, pl. 3 fig. 10 (in intest., frog larva; lng.); 1889a, 69 (in *Rana* sp.).
- biuncinata* Linst., 1898d, 759-760, fig. 4 (in *Ammocoetes branchialis*; by Linst.); 1909a, 70, fig. 54 (in *Petromyzon planeri*).—Hofer, 1904a, 230 (in A. b.).
- blattæ* Græffe, 1860a, 51-52, 59, pl. 10 fig. 13 (in *Blatta ægyptiaca*; Nizza).—Linst., 1878a, 291 (in B. a.).—Par., 1898a (b), 115 (14).—Shipley, 1896a (1901b), 142 (in cockroach) [author of species not given; Galeb or Græffe?].
- blattæ* Galeb, 1878b, 288, 289, 292-293, pl. 17 figs. 1-5, pl. 18 figs. 1-3 (in *Periplaneta orientalis*), 294, 295, 303, 305, 306, 309, 314, 316, 318, 321, 322, 324, 327, 330, 333, 335, 339, 342, 352, 360 (for *blattæ-orientalis*, 1847).—Magal., 1900a, 65.
- blattæ-orientalis* Hamm., 1847b, 284-287, pl. 10 figs. 5-20 (in intest., *Blatta orientalis*; by Hamm.).—Leidy, 1851d, 285 (= *Streptost. gracile*).—Linst., 1877a, 7-9, pl. 1 fig. 12 (in *Periplaneta orientalis*; by Linst.).—Magal., 1900a, 36, 49, 54, 58, 59, 60, 61, 62, 64, 65, 67, 68, figs. 22, 25.—Meyer, 1896b, 80.—Will.-Suhm, 1871.
- blatticola* Galeb, 1878b, 293-294 (11-12), pl. 20 figs. 1-12, pl. 21 figs. 1-8, pl. 22 figs. 1-11 (in *Blatta germanica*, *Ectobia laponica*, *E. livida*), 297, 305, 309, 310, 313, 317, 319, 327, 328, 329, 330, 331, 333, 335, 339, 341, 342, 346, 352, 360, 365, 369, 370, 371, 378.—Linst., 1889a, 106 (in E. l.).—Magal., 1900a, 57.—Shipley, 1896a (1901b), 142 (in cockroach).
- brachyura* Hamm., 1847b, 283-284, pl. 10 figs. 1-4 (in *Melolontha* (? *Rhizotrogus aprilianus* or *solstitialis*); by Hamm.).—Linst., 1889a, 108 (in *Rhizotrogus aprilius*).
- brachyura* Schlotthauber, 1860a, 127 (*brevicaudata* Duj., 1845a, 144 renamed).
- brevicaudata* Duj., 1845a, 144 (in *Platydictylus fascicularis*; Toulon).—Dies., 1851a, 142 (in *Ascalabotes fascicularis*; in intest., Tulloni Duj.), 153 (of Dug., so. *Asc. acuminata* Schrank).—Linst., 1904f, 11; 1907, v. 29, 82 (France).—Magal., 1900a, 56.—Mayer, 1841a, 16.—Perez, 1866a, 152.—Rail. & Henry, 1916, CrSB, 249 (of Duj., so. *dujardinii*), 219 (of Zed. or Mayer).—Rizzo, 1902b, 31 (in *A. mauritanicus*).—Skrij., 1916, 71, 138.—Will.-Suhm, 1870a, 14-16 (in P. f.); 1871, 188-190, pl. 12 fig. 7.
- brevicaudata* (Rud., —?) Schlotthauber, 1860a, 127.
- brevicaudata* (Zed., 1800) of Mayer, 1841.—Rail. & Henry, 1916, CrSB, 249.
- bulbosa* Linst., 1899b, 22, fig. 60 (in *Scincus ocellatus*; Egypt).
- bulhøsi* Magal., 1900a, 50-69, figs. 10-20, 23 (in *Periplaneta americana*; Brazil); 1904a, 14.
- caudata* Linst., 1908, 26, pl. 4 fig. 11 (in *Pteroclorus namaqua*; Kalahari, Africa).
- cincta* Linst., 1897i, 31, fig. 11 (in *Stellio vulg.*; Mus. Koenigsb.).
- cirrata* Linst., 1906, v. 1 (3), 254-255, fig. 15 (in intest. crass., *Iguana tuberculata*; Zool. Mus. Koenigsb.).
- compar* Leidy, 1856b, 52 (in *Felis catus*; by Leidy); 1904a, 97.—Braun & Lûhe, 1909a, 89; 1910a, 94.—F., S., & T., 1916a, 469.—Geddelst, 1911a, 133 (in dog).—Nev.-Lem., 1912a, 685.—Rail., 1893a, 144.—Schneidem., 1896a, 324 (perhaps so. *vermicularis*) (in cat).—Sl. & Sw., 1912a, 372, 401.—Stiles & Hass., 1894e, 341 (in F. dom.).—Ward, 1903, 223; 1916, 702.
- conica* Drasche, 1884b, 327, figs. 8-9 (in *Testudo græca*; apparently Trieste, or Coll. Wien).—Linst., 1889a, 60 (in T. g.).—Stoss, 1898c, 83 (in T. g.; Trieste).
- corollatus* Schneid., 1866a, 117, 118, 122, pl. 7 fig. 7 (in intest., *Galeopithecus philippinensis*; Luzon).—Galeb, 1878b, 289.
- coronata* Linst., 1903k, 114, fig. 12 (in *Galeopithecus volans*; Patalung).—Shipley, 1903l, 154 (in G. v.; Patalung) (*Oxyurus*).
- costata* Linst., 1907, v. 29, 81-82 (in *Mabuia multifasciata*; Java).
- curvata* Westwood, 1851, 644 (*Oxyuris*, for *curvula*, in horse).

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- curvula* Rud., 1803a, 6 8 (Trichoc. equi renamed); 1805a, 35; 1809a, 100 102, pl. 1 figs. 3-6 (in Equus); 1814a, 88; 1819a, 18, 229 (in E.).—Adams, 1887, 315, 320.—Anacker, 1890h, 446.—Bail., 1866b, 23, 46 (s. e.).—Baird, 1853a, 15 (in E. cab.; Europe).—Bellingh., 1844, 478.—Blainv., 1828c, 539.—Bos, 1894, 209.—Braun & Luehe, 1909a, 151; 1910a, 164.—Burm., 1837a, 535.—Campb. & Lacr., 1907, 71.—Cobbold, 1873c, 110, 114; 1875e, 238; 1876t, 757; 1879a, 7; 1879b, 380, 387, fig. 65.—Cory, 1909, v. 23 (5), 276.—Craig, 1915, 497.—Crighton, 1915, 630 (causing colic).—Crep., 1839a., 279.—Cuv., 1817a, 31.—Dav., 1877a, xcv, 229 (in cheval, âne, mulet).—Dewitz, 1892b, 146, fig. 89.—Dies., 1861c, 274.—Duj., 1845a, 142-143; 1851a, 302-304, pl. 5 figs. 11-15.—Ehlers, 1889a (b), 1-26, pls. 1-2 figs. 1-20 (anat., physiol.) (in horse; cosmopolitan); 1899c, 394-395; 1899d, 731-732.—Eichw., 1829a, 250.—Erc., 1875e, 35.—F., S., & T., 1916a, 21, 469, 653-655, 657.—Fiebiger, 1912a, 298, figs. 219-220.—Galeb, 1878b, 286, 289.—Geddelst, 1911a, 133 (in donkey, horse, mule).—Gurtl, 1831a, 182, 351, pl. 5 figs. 13-18.—Hahn, 1908, 371.—Hut. & Mar., 1906a, 403; 1910b, 507; 1913b, 502.—Jägers., 1909 (25), 50.—Jerke, 1901a (b), 347-408 (1-64), figs. 1-4, 1-15; 1901c, 420.—Kinsley, 1914, 148.—Krueger, 1905, 344; 1906, v. 4 (8), 191.—Künnemann, 1908, 28-29.—Leuck., 1867b, 31, 45; 1868a, 286, 290, 299, 301; 1876a, 878; 1879a, 13, 15; 1886d, 9, 11.—Linst., 1889a, 23 (in E. asinus dom.); 1900g, 9; 1904f, 11; 1909, 45 (in E. c.; S. W. Africa); 1909, 45 (in E. c.; S. W. A.).—Martini, 1907, 4; 1908, v. 32 (19), 551, 552; 1912, ZA, 49, 50, 52, 53, fig. 1.—Mégn., 1874g, 620.—Meissner, 1863, 41, 55.—Montg., 1906, Feb. 12, 21 (in ponies; India).—Müh., 1898b, 46 (in E. c.).—Müll., 1863a, 97-98; 1863b, 181.—Nev.-Lem., 1912a, 683.—Nordm., 1840, 663.—Oken, 1815a, 193.—Olfers, 1816a, 56.—Par., 1896, 6.—Perronc., 1882a, 336 (incurvata).—Pflug, 1881a, 18-83, figs. a-d.—Pillers, 1910, v. 7, 612 (symptoms).—Rail., 1883c, 249 (in E. c.; France) 1883e, 211-216, pl. 11 figs. 1-8 (in E. c.; Alfort); 1893a, 415 (so. equi).—Risso, 1826a (b), 260 (in horse; Alpes Maritimes).—Roger, 1905, 479-481.—Rzewuski, 1887a, 30.—Saunders, 1914, v. 14, 132, 137.—Seur., 1915, 30.—Schneidem., 1896a, 324 (kurvula) (in horse).—Schneid., 1866a, 14, 116, 117, 118, 121, 190, 192, 198, 201, 207, 222, 223, 224, 225, 233, 238, 252, 254, 255, 257, 278, 287, pl. 7 figs. 1-2, pl. 15 figs. 1-2, pl. 19 figs. 1-3, pl. 22 figs. 16-17, pl. 24 fig. 2.—Shipley, 1896a, 141, 163.—Signol, 1884, 227.—Sl. & Sw., 1912a, 372, 373, 401, fig. 203.—Stiles & Hass., 1894e, 342 (in E. c.).—Theobald, 1900, 56.—Verrill, 1870, 178, 232, 233 (fig.).—Ward, 1895a, 340 (in E. c.).—Wolffh., 1911, 79.—Züern, 1882, 251, 253, pl. 4 fig. 34.—Also reported for E. mulus.
- curvula equi* (Schrank, 1788) Neum. & Mayer, 1914a, 454.
- dactyluris* Cobbold, 1866b, 12 (in Testudo græca; Hunterian Mus.).
- dentata* Drasche, 1884b, 328, figs. 13-14 (in Testudo græca; apparently Trieste, or Coll. Wien).—Galli-Val., 1901c, 362 (in T. g.).—Linst., 1889a, 60 (in T. g.).—Rizzo, 1902b, 32 (in T. g.).—Seur., 1915, 31; 1915, 79.—Stoss., 1898c, 83 (in T. g.; T.).
- depressa* Hamm., 1838a, 354 (in larva of Cetonia aurata).—Crep., 1846a, 157 (in C. marmorata).—Linst., 1889a, 109 (in C. m.).—Sieb., 1839b, 157.
- diesingi* Hamm., 1838a, 353, 354-355, pl. 4 figs. a-c (in Blatta orientalis; by Hamm.).—Cobb, 1888a, 27.—Crep., 1846a, 158.—Galeb, 1878b, 288, 289, 293, pl. 17 figs. 6-10, pl. 18 figs. 4-6, pl. 19 figs. 1-8 (in Periplaneta orientalis), 295, 303, 305, 306, 309, 316, 317, 327, 328, 329, 333, 335, 342, 347, 352, 360, 364.—Leidy, 1850e, 100 (renamed Streptost. gracile); 1851d, 285 (so. S. g.); 1856b, 50; 1904a, 36, 39, 66, 94.—Linst., 1878a, 291 (so. Anguillula macrura) (in B. ægyptiaca).—Magal., 1900a, 36, 49, 54, 55, 58, 59, 60, 61, 62, 64, 65, 66, 67, 68, fig. 21.—Meyer, 1896b, 80.—Mordw., 1908, v. 13, 146.—Par., 1898a (b), 115 (14).—Shipley, 1896a (b), 142, fig. 69 (in cockroach).—Sieb., 1839b, 157 (in B. o.).—Stadelm., 1891a (1892a), 11, 12 (154, 155).—Will.-Suhm, 1871.
- diesingii* Crep., 1846a, 158 (in Blatta orientalis (for diesingi).—Büetsch., 1876, 236 (in B. o.).—Leidy, 1850e, 100 (1904a, 36-37) (renamed Streptost. gracile).
- dilatata* Hamm., 1847b, 287-288, pl. 10 figs. 26-37 (in cecum, Cetonia marmorata; by Hamm.).—Leidy, 1851d, 285 (to Thelastoma).
- dispar* Schlotthauher, 1860a, 127.
- draschei* Stoss., 1898c, 84 (s. robusta) (in Testudo græca; Trieste).—Rizzo, 1902b, 32 (s. r.) (in T. g.).
- dubia* Leidy, 1856b, 52 (in cecum, Bufo americanus, Salamandra rubra; by Leidy); 1904a, 97.

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- dujardini* Rail. & Henry, 1916, CrSB, 249 (s. *brevicaudata* of Duj. not (Zed.) Mayer, 1841) (du Gecko).
- qui* (Schränk, 1788) E. Bl., 1849a, 170-171 (s. *curvula*), (in horse).—Anacker, 1890h, 446.—Assénova, 1899, 28.—Bail., 1866b, 46 (so. c.).—Cagny & Gobert, 1904a, 321.—Dies., 1851a, 141 (so. c.).—Galli-Val., 1901c, 362 (in cheval; Milan, Cantanzaro, Lausanne, St. Croix (Vaud)); 1908, v. 47, 611 (in *Equus cab.*; Milan).—Gough, 1908, 3.—Hall, 1916a, 65, 94, 225.—Hut. & Mar., 1906a, 403; 1910b, 507; 1913b, 502, fig. 71.—Kowal., 1904, v. 38, 22 (7) (in E. c.; Lwow).—Rail., 1883e, 211 (s. c.); 1893, 415-417 (s. c., *mastigodes*); 1915, 491; 1915, 734 (in horses).—Rail. & Henry, 1903a, 1904a, 519; 1916, 114.—Seur., 1916, 64.—Smith, A. J., 1908a, 266 (in E. c.; Iowa).—Ward, 1895a, 340 (in E. c.).—Weinberg, 1907a, 805, 807 (in horse).
- equi curvula* (Rud., 1803) Gough, 1908, 3 (in equines; S. Africa).
- equi mastigoides* Gough, 1908, 3 (in equines; S. Africa).
- equi mastigodes* (Nitzsch, 1857a) Galli-Val., 1901c, 362 (in *Equus caballus*; Milan).
- evaginata* Smith, A. J., 1908a, 267 (Ms. name for *evoluta*).—Hall, 1916a, 70 (so. *evoluta* Linst.).
- evoluta* Linst., 1899b, 20, pl. 5 fig. 63 (in *Hystrix brachyura*; Ing.).—Hall, 1916a, 66, 67, 70-74, 84, figs. 80-83 (in *Acanthion brachyura*, *Erethizon dorsatum*, E. *epixanthum*; Europe, U. S. A.).—Seur., 1915, CrSB, 756.—Smith, A. J., 1908a, 266-267 (in E. d.; Phila. Zool. Garden).
- flagelloides* Jägers., 1893a (1894b), 54-56 (500-503), fig. 10 (in *Atherura armata*; Kamerun).
- flagellum* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (unpaged) (in cecum, *Hyrax capensis*; by H. & E.).—Cobbold, 1879b, 403 (in H. c.).—Dies., 1851a, 140 (in H. c.).—Galeb, 1878b, 289.—Hall, 1916a, 66, 77-79, figs. 90-91 (in *Procavia syriaca*; Palestine).—Linst., 1901b, 415; 1908, 23-24, pl. 4 fig. 22 (in P. (H.) c.; Africa).—Martini, 1906a, 700; 1908, 556.—Nassonow, 1897-98, in 1-30, 1 pl., 133-176, 2 pls. (*Oxyurus*); 1899, Cfb, v. 25 (23), 836-837 (anat., biol.).—Schneid., 1866a, 117, 121-122.—Also reported for *H. syriacus*.
- flagellum acuta* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (unpaged) (in cecum, *Hyrax capensis*; by H. & E.).
- flagellum obtusa* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (unpaged) (in cecum, *Hyrax capensis*; by H. & E.).
- flavellum* Cobbold, 1879b, 403 (for *flagellum*) (in *Hyrax capensis*).
- fœcunda* Linst., 1879b, 330-331, pl. 5 fig. 15 (in *Simia satyrus*; Stuttgart Mus.); 1889a, 6 (in *Pithecus satyrus*).
- gadi* Templeton, 1836a, 238, fig. 31a, b (in codfish; Ireland) (*Oxyurus*).
- glomeridis* Linst., 1885b, 246, pl. 14 fig. 25 (=ovocostata) (in *Glomeris limbata*; by Linst.); 1885c, 14 (in Enddarm, G. l.).—Meyer, 1896b, 80.
- gracilis* Hamm., 1838a, 353-354, figs. c-i (in larva of *Melolontha fullo*; by Hamm.); 1847b, 287, pl. 10 figs. 21-25 (in cecum, M. (f. ?); by H.).—Crep., 1846a, 157 (in M. *fullonis* larva).—Leidy, 1851d, 285 (to [*Aorurus*] *Thelastoma*); 1904a, 66 (Duf.).—Linst., 1889a, 108 (in *Polyphylla? fullo*).—Sieb., 1839b, 157 (in M. f.).
- gracilis* Schlotthauber, 1860a, 127 (in *Coronella lævis*, *Tropidonotus natrix*).
- gryllotalpæ* Duf., 1837a, 8, pl. 1A fig. 2 (in *Gryllotalpa vulg.*; by Duf.).—Crep., 1846a, 158 (in G. v.).
- hamata* Linst., 1879b, 331, pl. 5 fig. 16 (in *Myopotamus coypus*; Stuttgart Mus.); 1889a, 11 (in M. c.).—Hall, 1916a, 66, 79-80, fig. 92 (in *Myocastor* c.; S. Zool. Gard.).
- heterogamix* Galeb, 1878b, 295-296 (13-14), pl. 26 fig. 9 (in *Heterogamia ægyptiaca*; Egypt).—Linst., 1889a, 105 (in H. a.).
- hilgeri* Seur., 1914, CrAS, 755-757 (in *Ctenodactylus gundi*; Bou-Saâda); 1915, NZ, 1-4, figs. A-C, 1-3 (in C. g.; Biskra); 1915, 30, 31; 1915, v. 7 (2), 24-31, figs. 1-9; 1916, CrSB, 67 [belongs in *Syphacia*].—Hall, 1916a, 66, 67, 74-77, 98, figs. 84-89 (in C. g.; Algeria).
- hydrobi* Galeb, 1878b, 297-298 (15-16) to (*Helicotherix*) (in *Hydrobius fuscipes*; ?Europe).—Linst., 1889a, 107 (in H. f.); 1909 (15), 71 (in H. f.).
- hydroi* Galeb, 1878b, 297 (15), pl. 25 figs. 1-6 to (*Helicotherix*) (in *Hydrous caraboides*; Ing.), 304, 306, 327, 329, 359, 370, 375.—Linst., 1889a, 107 (in H. c.); 1909a, 70, fig. 56 (in *Hydrocharis caraboides*).

OXYURIS—Continued.

- hydrophili* Galeb, 1878b, 297 (15), pl. 25 fig. 10 to (*Helicothrix*) (in *Hydrophilus piceus*; Ing.), 305, 306, 316, 327, 363.—Linst., 1889a, 107 (in H. p.); 1909 (15), 71 (in H. p.).—Shipley, 1896a (1901b), 142 (in H.).
- [*incurvata* Perronc., 1882a, 336 (ossiuride) (=curvula).]
- incognita* Kofoed & White, 1919, JAMA, Feb. 22, 567-569 (in Homo; U. S. A.); 1919, JP, 139.
- inflata* Drasche, 1884b, 328, pl. 19 figs. 15-16 (in *Testudo græca*; apparently Trieste, or Mus. Wien).—Linst., 1889a, 60 (in T. g.).—Rizzo, 1902b, 32 (so. albanica).—Stoss., 1898c, 84 (s. a.).
- inflata* Linst., 1883a, 297, pl. 8 fig. 33 (in *Pterocles arenaria*); 1889a, 45 (in P. a.).
- künckeli* Galeb, 1878b, 294 (12), pl. 23 figs. 1-8, pl. 24 figs. 1-6 (in *Blatta americana*), 297, 305, 309, 327, 328, 329, 330, 331, 333, 334, 335, 359, 360, 363, 366.—Linst., 1889a, 105 (in *Periplaneta americana*).—Magal., 1900a, 57, 65.
- kurvula* Schneidem., 1896a, 324 (for curvula).
- lævicauda* Seur., 1914, CrSB, 96-98, figs. 1-4 (in *Acanthodactylus blanci*, *Scincus officinalis*; Bou-Saâda).—Skrj., 1916, 65, 66, 67, 68, 135, 136 (in A. b., S. o.).
- lanceolata* Linst., 1883a, 298-299, pl. 8 fig. 35 (in insects; Turkestan); 1889a, 111 (in ?insect).
- laticollis* Hamm., 1847b, 288, pl. 10 figs. 28-34 (in intest., *Cetonia stictica*; by Hamm.).—Leidy, 1851d, 285 (to *Thelastoma*); 1904a, 66.—Linst., 1889a, 109 (in *Oxythyrea stictica*).
- leidyi* Skrj., 1916, 63-64, 132-133, pl. 6 figs. 37-39 (in *Polydesmus* sp.; Brit. E. Africa).
- leptocephala* (Rud., 1819) Schlotthauber, 1860a, 127.
- leuckarti* Hamm., 1838a, 353, pl. 4 figs. a-b (in *Melolontha aprilina*).—Crep., 1846a, 157 (in M. a.).—Sieb., 1839b, 157 (in M. a.).
- lobata* Linst., 1908, 24, pl. 4 fig. 8 (in *Testudo smithi*; Kooa, Kalahari, Africa).
- lombricoides* Lacassagne, 1901a, 685 (in Homo).
- longicaudata* Meyer, 1896b, 78-80, figs. 23-25 (in *Julus*; Ceylon).—Par., 1898a (b), 114-115 (13-14) (so. *sumatrensis*) (in *Julus* sp.; Ceylon).—Skrj., 1916, 62, 131, 132 (in J. sp.).
- longicollis* Schneid., 1866a, 120, 125, pl. 7 fig. 8 (colon, *Testudo græca*; Ing.).—Blanc, 1888b, 347-348.—Drasche, 1884b, 325, 326, 327, 328, figs. 2-3 (in T. g.; apparently Trieste, or Mus. Wien).—Galeb, 1878b, 289.—Galli-Val., 1901c, 362 (in T. g.).—Leuck., 1868a, 325-326.—Linst., 1883a, 298, pl. 8 fig. 34 (in *Homopus horsfieldii*); 1889a, 60 (in T. g.); 1903u (1904a), 270 (6) (in T. *horsfieldi*; Siberia).—Rizzo, 1902b, 32 (in T. g.).—Stiles & Hass., 1894e, 342 (in tortoise, gen. sp.).—Stoss., 1898c, 83 (in T. g.; Trieste).—Will.-Suhm, 1870a, 13.
- lunata* Linst., 1908, 24, pl. 4 fig. 7 (in *Testudo smithi*; Africa).
- macrolaimus* Linst., 1899b, 21, pl. 5 fig. 55, pl. 6 fig. 71 (in *Testudo pardalis*; Africa).
- mamillata* Linst., 1897i, 30-31, figs. 9-10 (in *Plestiodon aldrovandi*; Mus. Koenigsb.).
- mastigodes* Nitzsch in Giebel, 1857a, 268 (nomen nudum); in Gieb., 1866a, 270 (described) (in *Equus* cab.; [Germany]).—Braun & Lûche, 1909a, 151; 1910a, 164.—Campb. & Lacr., 1907, 71.—Craig, 1915, 497.—F., S., & T., 1916a, 469.—Fiebiger, 1912a, 299.—Friedberger, 1884a, 81-85, figs. 1-2.—Galli-Val., 1901c, 362 (in cheval; Milan).—Geddelst, 1911a, 133 (in donkey, horse, mule).—Hahn, 1908, ZV, v. 20 (8-9), 370-371; 1908, v. 47 (10), 239; 1909, TC, v. 32 (2), 26-27; 1909, MtW, v. 53 (4), 72-73.—Hut. & Mar., 1906a, 403; 1910b, 507; 1913b, 502, 503.—Kinsley, 1914, AJVM, 148.—Martini, 1912, ZA, 49, 53.—Nev.-Lem., 1912a, 683.—Rail., 1893a, 415 (=equi).—Renaud, 1899b, 631 (in horse).—Renaux, 1899, v. 6, 631.—Schneidem., 1896a, 324 (in horse).—Sl. & Sw., 1912a, 373, 401, fig. 204.—Theobald, 1900a, 56, fig. 4a, b (in E. c.).—Ward, 1895a, 340 (in E. c.) (see equi).—Wolffh., 1911, 79.
- mastigoides* (Gough, 1908) Wolffh., 1911, 79 (in *Equus* cab.; Argentina) (for *mastigodes*).

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- megalocerca* Skrj., 1916, 65–67, 68, 135–136, pl. 7 figs. 45–46 (in *Geckonidæ*, gen.? sp.?).
- megaloon* Linst., 1906, v. 3 (11), 169 (in *Hemidactylus leschenaultii*; Mamadu); 1907, v. 29, 82 (Ceylon).
- megatyphlon* (Rud., 1819) Schneid., 1866a, 120, pl. 7 fig. 9 (cecum, *Iguana tuberculata*).—Galeb, 1878b, 289.—Linst., 1902d, 32; 1906, v. 1 (3), 255 (in I. t.).—Shipley, 1896a (1901b), 142 (in *Iguana*).—Smith, A. J., 1908a, 266 (in I. t.).—S., F., & W., 1908a, 289–290 (in *Iguana*; Phil. Zool. Gard., from Cuba).
- microlaimus* Linst., 1899b, 21, pl. 5 fig. 62, pl. 6 fig. 74 (in *Testudo pardalis*; Africa).
- microon* Linst., 1907, v. 44 (3), 265, figs. 1–2 (in *Nyctipithecus trivirgatus*; Mus. Frankf.).
- microstoma* Drasche, 1884a, 327, figs. 4–5 (in *Testudo græca*; apparently Trieste, or Mus. Wien).—Linst., 1889a, 60 (in T. g.).—Stoss., 1898c, 82 (in T. g.; Trieste).
- microtyphlon* Smith, A. J., 1908a, 266 (in *Cyclura nubila*; Phila. Zool. Gard.).—S., F., & W., 1908a, 288–290, pl. 7 (in C. n.; Phila. Zool. Gard., from Cuba).
- minuta* Schneid., 1866a, 118–119, 252, fig. (s. *Asc. vermicularis* pars) (cecum, *Ateles paniscus*, *Mycetes seniculus*; Brazil).—Galeb, 1878b, 289.—Leuck., 1868a, 290.
- monhystera* Linst., 1902d, 30–32, figs. 6–9 (in *Metopoceros (Iguana) cornutus*; from Haiti, Coll. Spengel); 1902e, 74; 1905g, 41–42.
- mucronata* Mol., 1858 (1859e), 296 (in *Bufo vulg.*; Padua); 1861c, 278 (in B. v.; P.).—Dies., 1861c, 274.
- nigrovenosa* (Göze in Zed., 1800) Mayer, 1841a, 27, pl. 3 fig. 11 to (Asc.).—Baird, 1853a, 109 (to Asc.).—Ben., 1858a, 1861a, 282.—Dies., 1851a, 187 (to Asc.).
- nodulosus* Mayer, 1841a, 14–15 (ambiguous renamed) (in rabbit).
- obesa* Dies., 1851a, 141 (in *Hydrochærus capybara*; Brazil).—Cobbold, 1876, 297–298, pl. 21 figs. 16–19 (in *Capybara*); 1886, 176.—Galeb, 1878b, 289.—Hall, 1916a, 66, 80–81, figs. 93–94 (in *Hydrochæris hydrochæris*; B.).—Schneid., 1866a, 117, 121, 190, 233, 238, pl. 7 figs. 3–6.
- obvelata* (Rud., 1802) Duj., 1845a, 140–142 (s. *Asc. oxyura* Schneid., *A. oxyura* Nitzsch, *A. vermicularis muris*) (in *Arvicola amphibius*, *A. arvalis*, *A. rubidus*, *A. subterraneus*, *Mus sylvaticus*, *M. minutus*, *Mustela vulg.*, *Spermophilus citillus*; Mus. Wien, Rennes).—Dies., 1851a, 146 (so. *Asc. ox.*).—Eberth, 1863a, 64.—Galli-Val., 1901c, 362 (in *souris blanche*).—Hall, 1916a, 66, 67, 81–83, 86, 89, 90, 97, 98, figs. 95–96.—Lane, 1916, IJMR, 102.—Leuck., 1868a, 283, 286, 289, 308, 317, 321, 325, 328, 339, 340; 1876a, 878.—Linst., 1879a, 174, pl. 11 figs. 19–21 (in M. s.); 1889a, 9 (in S. c.); 1909 (15), 70, fig. 53 (in A. a.).—Müeh., 1898b, 46 (in *A. campestris*, *Mus agrarius*, *M. decumanus*, *M. musculus*).—Olss., 1883a, 53 (in *Lemmus amphibius*).—Par., 1887b, 351–352.—Schneid., 1866a, 118, 255.—Schlotthauber, 1860a, 127.—Seur., 1915, 30; 1916, CrSB, 64, 65 (type of *Syphacia*).—Skrj., 1916, 71–72, 138 (in mouse).—Stiles & Hass., 1894e, 342 (in *Mus d.*).—Stoss., 1900b (1901a), 90 (2) (in *Mus rattus*; Trieste).—Walter, 1866a, 70 (s. *Asc. ox.*).—Also reported for *Arctomys citillus*, *Arvicola glareolus*, *Hesperomys nasutus*, *H. leucogaster*, *H. physodes*, *Holochilus brazilensis*, *Holochilomys brasiliensis*, *Lemmus arvalis*, *L. rutilus*, *M. brasiliensis*, *Oxymycterus nasutus*.
- opisthognoma* Linst., 1908, 25, pl. 4 fig. 10 (in *Testudo smithi*; Africa).
- ornata* Duj., 1845a, 144–145, pl. 5 fig. G (in intest., *Rana escul.*, R. temp.; Rennes).—Braun, 1892a, 598.—Carus, 1863, v. 2, 456.—Cobbold, 1858d, 162 (in R. t.).—Dies., 1851a, 141–142 (in *Pelophylax escul.*, R. t.).—Eberth, 1863a, 63, 67, 69, 70.—Galeb, 1878b, 286.—Martini, 1906a, 706.—Rail & Henry, 1916, CrSB, 248.—Schneid., 1866a, 112, 231.—Walter, 1856a, 163–201, pls. 5–6 figs. 1–28; 1858a, 485–495 (1–11), pl. 19 figs. 29–34; 1866a (b), 70 (20) (in R. t.).
- ovocostata* Linst., 1886a, 121–124, pl. 7 figs. 18–22 (s. *glomeridis*); 1889a, 108 (=gl.) (in *Cetonia aurata*).—Meyer, 1896b, 80.
- pachyjuli* Par., 1898a (b), 115 (14) (for *pachyjuli*).
- pachyjuli* Par., 1896b (c) 2–3 (109–110), pl. 1 figs. 1–3 (in intest., *Julus communis*, J. sp.; Palermo, Genoa); 1898a (b), 115 (14).—Magal., 1900a, 62, 69.—Skrj., 1916, 62, 131, 132 (in J. c.).

OXYURIS—Continued.

- pallaryi* Seur., 1915, BSHnA, 28-31, figs. 6-9 (in *Xerus getulus*; Marocco); 1915, 25 juin, 319; 1916, CrSB, 66.—Hall, 1916a, 66, 67, 95-98, figs. 117-120 (in *Atlantoxerus getulus*; Morocco).
- panesthiæ* Galeb, 1878b, 295 (13), pl. 26 figs. 3-8 (in *Panesthia*; New Guinea), 309, 315, 317, 327, 333, 342.—Linst., 1889a, 106 (*panesthiæ*) (in *Panestia* sp.; lng.).
- panesthiæ* Linst., 1889a, 106 (for *panesthiæ*).
- paradoxa* Mol., 1858d, 144-145 (in *Mustela putorius*; Ladua); 1861c, 214, 277-278, pl. 9 figs. 9-10 (in *Mustelus* p.; P.).—Dies, 1861c, 274.—Also reported for *Fœtorius putorius*, *Putorius communis*.
- parallela* Linst., 1908, 25-26 (in *Xerus capensis*; Africa).—Rail., 1916, RMv, 518.
- paronai* Linst., 1893b, 201-202, 208, figs. 17-19 (in *Macroscincus coctei*; Cape Verde); 1893c, 605; 1894i, 349-350 (in M. c.; C. V. Isl.).—Stiles & Hass., 1894e, 342 (in M. c.).
- perarmata* Linst., 1908, 25, pl. 4 fig. 9 (in *Testudo smithi*; Africa).
- platyrhaci* Par., 1896b (c), 110-111 (3-4), pl. 1 figs. 6-8 (in *Platyrhacus modiglianii*; Sumatra); 1898a (b), 115 (14) (in P. m.; S.).
- poculum* Linst., 1904f, 11, pl. 2 figs. 19-21 (in *Equus cab.*; Iranativu).—F., S., & T., 1916a, 469.
- polyoon* Linst., 1909, v. 50 (4), 450-451, fig. 4 (in *Xerus setosus*; German S. W. Africa).—Hall, 1916a, 66, 67, 98-99, 105, fig. 121 (in *Geosciurus capensis*; Africa).—Seur., 1915, 27 (in X. s.).
- præputialis* Skrij., 1916, 64-65, 134-135, pl. 6 figs. 42-44 (in *Bufo*; Brit. E. Africa).
- pugio* Ehrenb. in Hempr. & Ehrenb., 1828a (*Hyrax*) (unpaged) (in intest. crass. of *Hyrax capensis*; by H. & E.).—Dies, 1851a, 140 (in H. c.; lng.).—Cobbold, 1879d, 403 (in H. c.).—Hall, 1916a, 66, 83 (in *Procavia syriaca*; Palestine).—Mol., 1861c, 275.
- robusta* Drasche, 1884b, 327-328, figs. 10-11 (in *Testudo græca*; apparently Trieste, or Mus. Wien).—Linst., 1889a, 60 (in T. g.).—Rizzo, 1902b, 32 (so. draschei).—Stoss., 1898c, 84 (s. d.).
- [*rudolphi* Braun, 1906a, 452 (for *Oxyuris* genus of Rud.).—Gedælst, 1911a, 133.—Nev.-Lem., 1906a, 265.]
- sciuri* Hall, 1916a, 66, 84 (in *Sciurus atrodorsalis*; Kokarit).
- semilanceolata* Mol., 1858d, 144 (in *Mus musculus*; Padua); 1861c, 250, 275-277, pl. 9 figs. 5-8, pl. 10 fig. 2 (in M. m.; P.).—Dies., 1861c, 274.—Hall, 1916a, 86 (so. tetraptera).—Stoss., 1898b, 82.
- siamensis* Linst., 1903k, 113-114, fig. 11 (in *Liolepis bellii*; Siam).
- socialis* Leidy, 1850e, 102 (in large intest., *Acheta abbreviata*; lng.); 1904a, 38-39.
- species* Par., 1889c, 770-771 (in intest., *Sciurus atrodorsalis*; Birmania).
- species* Par., 1889c, 771 (in *Calotes*; Birmania).
- species* Shipley & Hornell, 1904a, 78, 99 (in *Margaritifera vulg.*; Ceylon).
- species* Stiles & Hass., 1894e, 342 (in *Cistudo carolina*; Maryland).
- species* Looss, 1901a (1902), 119 (in colon of donkey).
- species* Claus, 1872, 138 [nv.].—Linst., 1878a, 204 (in *Triton tæniatus*).
- sphæropæi* Par., 1898a (b), 115 (14) (for *sphæropæi*).
- sphæropæi* Par., 1896b (c), 110 (3), pl. 1 figs. 4-5 (in intest., *Sphæropæus hercules*; Sumatra); 1898a (b), 115 (14) (*sphæropæi*) (in *Sphæropæus* h.; S.).
- spinicauda* Duj., 1845a, 143-144 (s. *Asc. extenuata*) (in *Lacerta muralis*; St.-Malo).—Linst., 1909 (15), 70, fig. 57 (in *Triton tæniatus*).—Mont., 1893i, 9.—Rail. & Henry, 1916, CrSB, 114 (so. *Pharyngodon acanthurus*).—Rizzo, 1902b, 31 (in *Gongylus ocellatus*, *L. agilis*, *Seps chalcides*).—Schlotthauber, 1860a, 127.—Seur., 1914, CrSB, 850-852, figs. 1-6 (in *Ptyodactylus oudrii*; Bou-Saâda); 1915, CrSB, 6, 31, 79.—Skrij., 1916, 67-69, 136-138.—Will.-Suhm, 1870a, 12-14, pl. 12 figs. 1-9 (in *Podarcis muralis*); 1871, 186-188, pl. 12 figs. 1-6.
- spirotheca* Gyery, 1856a, 327-332 (1-8), 1 pl., figs. 1-16 (in *Hydrophilus piceus*; Wien); 1857, v. 9 (2-3), 228-229 (in H. p.; by Gyery).—Carus, 1863, v. 2, 460-461 (to *Ptychoc.*).—Clap., 1859a, 73 (in H. p.), 74, 85.—Cobbold, 1879b, 229.—Eberth, 1863a, 63, 64, 66.—Galeb, 1878b, 289, 290, 296-297, pl. 25 figs. 8-9 (to *Helicotrinx*) (in H. p.), 304, 305, 306, 316, 327, 363.—Leuck., 1868a, 286.—Linst., 1909a, 70, fig. 55 (in H. p.).—Martini, 1906a, 703.—Meyer, 1896b, 80.—

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spirotheca—continued.

- Schneid., 1866a, 117, 118, 119–120, 280, pl. 7 figs. 10–11.—Shipley, 1896a (1901b), 142 (in *Hydrophilus*).
- stossichi* Setti, 1897b, 46–48, pl. 9 figs. 39–41 (in *Hystrix cristata*; Massaua).—Hall, 1916a, 66, 67, 84–85, figs. 97–99 (in H. c.; Italy).
- stroma* Linst., 1884a, 134, fig. 17 (in *Mus sylvaticus*; lng.); 1885b, 245–246, pl. 14 figs. 23–24; 1889a, 11 (in M. s.).—Hall, 1916a, 66, 67, 83, 85–86, 97–98, figs. 100–102 (in *Apodemus sylvaticus*).—Seur., 1915, 30; 1916, CrSB, 66.
- suis* Haase, 1906, BtW, 695–696, figs. i–iv (in swine); 1906, 11 Okt., 48; 1908, CfB, v. 41 (19–21), 668.—Heine, 1906, DtW, v. 14 (39), 471–472; 1908, CfB, v. 41 (19–21), 668 (so. *Trichoc. crenatus*).
- sumatrensis* Par., 1896b (c), 111 (4), pl. 1 figs. 9–10 (in *Platyrrhacus modiglianii*; Sumatra); 1898a (b), 115, 116 (14, 15) (s. *longicaudata*) (in P. m.; S.).
- tarda* Polonio, 1859 [nv.].—Par., 1894a, 225, 627 (in *Bufo viridis*, B. vulg.; Padua).
- tenuicauda* Linst., 1901b, 414–415, figs. 12–13 (in *Equus crawshayi*; Rukwa-See, Africa).—F., S., & T., 1916a, 469, 651.
- tetraptera* (Nitzsch, 1821) Linst., 1878a, 20, 23 (in intest., *Cricetus frumentarius*, *Dipus jaculus*, *D. sagitta*, *Mus sylvaticus*).—Hall, 1916a, 66, 67, 83, 86–90, 221, figs. 103–108 (in *Apodemus sylvaticus*, *C. cricetus*, *Jaculus jaculus*, *J. sagitta*, *M. musculus*; U. S. A.).—Müehl., 1898b, 46.—Stoss., 1896c (d), 125 (7), fig. 8 (in M. m.; Trieste); 1898c, 82 (in M. m.; T.).
- triradiata* Hall, 1916a, 66, 67, 90–94, 225, figs. 109–115 (in *Ammospermophilus leucurus cinnamomeus*, *Callospermophilus lateralis*; Colorado).
- tuberculata* Linst., 1904n, 300–301, 309, pl. 13 fig. 9 (in *Trachysaurus rugosus*; Australia).
- uncinata* Drasche, 1884b, 327, figs. 6–7 (in *Testudo græca*; apparently Trieste, or Wien Mus.).—Linst., 1889a, 60 (in T. g.).—Rizzo, 1902b, 32 (in T. g.).—Stoss., 1898c, 84 (in T. g.; Trieste).
- ungula* Linst., 1906, v. 47, 113, fig. 6 (in *Sciurus vulg.*; Bredlauken b. Insterburg).—Hall, 1916a, 66, 67, 94–95, fig. 116 (in S. v.; Germany).
- uromasticola* Galeb, 1889a [nv.].—Seur., 1912, 223, 226, figs. 1–3 (13) (s. *Thelandros alatus*) (in *Uromastix acanthinurus*; N. Africa); 1915, NZ, 4–6, figs. 4–5 (in U. a.; Biskra) (s. T. a.).
- velocissima* Nordm., 1832a, 10, 18, 22–26, 27 (in eye, Barsche; by Nordm.); 1833b, 268–288.—Crep., 1854a, 61 (in eye, Barsche).—Gescheidt, 1833a, 445 (in Barschauge; by Nordm.).—Leuck., 1876a, 628.—Rail. & Henry, 1915, 449 (larva of *Camallanus lacustris*).—Rayer, 1843d, 148, 149 (dans la perche).—Seur., 1916, 359.
- vermicularis* (Linn., 1758) Brems., 1819a, 79–84 (in Homo); 1824, 125, pl. 1 fig. 3, pl. 2 figs. 1–2.
- (AUSTRALIA) Cleland & Johnst., 1912, v. 2, 113.—Tidswell & Johnst., 1912, v. 2, 112.
- (AUSTRIA) Dies., 1851a, 145.—Kowal., 1902d, 25.—Meissner, 1846a, 6–7, 13, 20, 23, 25.—Slawikowski, 1819b, 64.—Spitzer, 1892, MmW, v. 43, 1; 1892a, 6 (forensic); 1892b, 71 (vulvovaginitis); 1892, 67.—Stoss., 1898c, 82–83.
- (BELGIUM) Ben., 1966, 211.—Gedœlst, 1911a, 133.
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appendiculatus (Leidy, 1850) Leidy, 1879k (1904a), 204 (156) (in cockroach).

biuncinata (Linst., 1898) Hofer, 1904a, 230 (in *Ammocætes branchialis*).

coronata (Linst., 1903) Shipley, 1903l, 156 (in *Galeopithecus volans*; Patalung).

curvula (Rud., 1803) Lam., 1816b, 215 (in *Equus* cab.).—Baird, 1853a, 15.—Nordm., 1840a, 663 (s. *Trichoc. equi*).

gadi Templeton, 1836a, 238, figs. 31a–b (in codfish; Ireland).

gracilis (Leidy, 1850) Leidy, 1879k (1904a), 204 (156) (in cockroach).

topsent Blanc, 1912, CrSB, 561–562 (in fresh water, probably escaped from host; near Dijon); 1913, BSzF, 322–325, figs. 1–3.

vermicularis (Linn., 1758) Lam., 1816b, 214 (in *Homo*).—Baird, 1853a, 15.—R. Bl., 1888a, 711–727; 1895, 751–753, fig. 82; 1900g, 486.—Brimont, 1909, 424.—Brumpt, 1910a, 350.—Chiaje, 1833, 4–5, pl. 1 fig. 3.—Fränkel, 1885, 444.—Garin, 1913, 3, 63–74, figs. 17–24.—Mans., 1903, 639.—Nev.-Lem., 1902a, 94, 95, 100, 101.—Nordm., 1840a, 662–663.—Paulian, 1915, CrSB, 155.—Shipley, 1909f, 263–279.—Spalikowski, 1898, 352.

OZOLAIMUS Duj., 1845a, 136, 145–147 (mt. *megatyphlon*).—Linst., 1902d, 32.—Rail. & Henry, 1916, CrSB, 114 (type *meg.*).—Schneid., 1866a, 116.—Stiles & Hass., 1905b, 126.

cirratus (Linst., 1906) Rail. & Henry, 1912, BSPe, 252 (in *Iguana tuberculata*).

megatyphlon (Rud., 1819) Duj., 1845a, 146–147 (in *Iguana tuberculata*; Mus. Paris).—Dies., 1851a, 150 (to *Asc.*).—Linst., 1906, v. 1 (3), 255 (in I. t.).—Rail. & Henry, 1916, CrSB, 114.—Schneid., 1866a, 120 (to *Oxyuris*).

Palisadenwürmer (see *Strongylus equinus*).—Edelmann [1902] 1903, 215, 216.—Frœhner, 1915a, 242.—Hut. & Mar., 1910b, v. 2, 68, 508.—Sticker, 1901c, 346–347; 1902a, 21; 1902h, 888; 1903b, 356–357; 1905a, 54.

PARACHORDADES Linst., 1906, Oct. 10, 557 (misprint for *Parachordodes*).

PARACHORDODES Cam., 1897g, 368, 389–398 (tsd. *tolosanus*); 1897i, 225–229; 1897k, 387–388; 1910, v. 3 (22), 27–28, 4 figs.—Brumpt, 1910a, 479.—Gedœlst, 1911a, 134, fig. 181.—Hartmeyer, 1909, 87.—Montg., 1898a, 54.—Stiles, 1907c, 56, 65 (type *tolosanus*); 1914, MM, v. 2, 296.—Stiles & Hass., 1905b, 127.

abbreviatus (Villot, 1874) Cam., 1897g, 391 (53) (*Isola Borbone*).—Stiles & Hass., 1905b, 127.

alfredi (Cam., 1894) Cam., 1897g, 390 (52), 418, fig. 11 (s. Pablo, Prov. Tucuman).—Stiles & Hass., 1905b, 127.

PARACHORDODES—Continued.

- alpestris* (Villot, 1884) Cam., 1897g, 393-394 (55-56) (s. Gord. violaceus) (Grenoble, Italy).—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Gedöelst, 1911a, 135 (in Homo).—Par., 1901, 4.—Stiles, 1907c, 56, 66; 1914, MM., v. 2, 296.—Stiles & Hass., 1905b, 127.
- annulatus* Linst., 1906, v. 3 (2), 246-247, pl. 5 fig. 17 (Queensland, Australia).
- coreanus* Linst., 1906, Oct. 10, 557, fig. 95B (Parachordades) (in fresh-water stream; Korea).
- gemmatus* (Villot, 1884) Cam., 1897g, 395-396 (57-58) (s. Gord. pustulosus, G. speciosus) (Grenoble); 1905, v. 20, 1-2.
- kaschgaricus* Cam., 1897g, 395 (57), 418, figs. 2-2a (s. Gord. chinensis (Villot) Cam., 1896, 120) (Turkestan); 1912, 216 (Madras).—Stiles & Hass., 1905b, 127.
- latastei* (Cam., 1895) Cam., 1897g, 390-391 (52-53), 418 (latastii), figs. 10-10a (Santiago, Chili).—Stiles & Hass., 1905b, 127.
- latastii* Cam., 1897g, 418 (for latastei).
- maculatus* (Linst., 1883) Linst., 1905cc, 273, pl. 10 figs. 13-14 (Chinese Turkestan).
- pleskei* (Cam., 1896) Cam., 1897g, 391-392 (53-54), 418, 419, figs. 5, 45 (China); 1904, v. 19 (470), 1-4.—Ritchie, 1915, 139, 140, 141, 257-258, fig. 1.—Stiles & Hass., 1905b, 127.
- prismaticus* (Villot, 1874) Cam., 1897g, 394-395 (56-57), 418, fig. 3 (Bogota, St. Louis).
- pustulosus* (Baird, 1853) Cam., 1897g, 396-397 (58-59), 418, fig. 8 (s. Gord. affinis) (Eng., France, Germany, Italy, Kirgis Desert, China); 1908, 114-115 (Yarkand); 1908, v. 2 (4), 315-316; 1912, 216 (Assam).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Gedöelst, 1911a, 134 (in man).—Hartmeyer, 1909, 88.—Linst., 1906, v. 3 (2), 245 (in Homo); 1908, 6 (in Blaps anthracina, B. mucronata, B. mortisaga, B. obtusa, B. similis).—Par., 1901, 3-4 (Italy); 1901, 6-7 (in B. mucronata); 1901e, 626-632; 1901f, 1-8.—Ritchie, 1915, 140, 256.—Stiles, 1907c, 55, 56, 66 (in H.; China, Europe, Italy); 1914, MM., v. 2, 296.—Stiles & Hass., 1905b, 127.
- raphaelis* (Cam., 1893) Cam., 1897g, 389 (51), 418, fig. 9 (in Phyllodromia parenthesis, P. hemerobina; French Congo).—Linst., 1901b, 418 (Africa).—Stiles & Hass., 1905b, 127.
- roccatii* Cam., 1912, RIM, 215-216 (W. Himalayas).
- sjöstedti* Cam., 1910, Sjöest. Exped., v. 3 (22), 27-28, figs. 1-3 (Mt. Méru, German E. Africa).
- tolosanus* (Duj., 1842) Cam., 1897g, 398 (60) (s. Gord. aquaticus, G. rubbifuscus) (in Eng., France, Germany, Italy, Galacia, Bohemia).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Gedöelst, 1911a, 134 (in man).—Hartmeyer, 1909, 88.—Hempel., 1912a, 108.—Lauterborn, 1913, 871.—Linst., 1906, v. 24 (1), 9-11 (in larva of Cloeon dipterum, Ephemera vulgata, Rhyacophila nubila, Sialis lutaria; 2nd larval form in Amara, Amaseus, Harpalus, Pelor, Pterostichus niger, Silpha, Stenophylax latipennis); 1906, v. 2 (2), 244, 245 (in Homo).—Par., 1901, 4.—Ritchie, 1915, 136, 140, 141, 256-257, 258, figs. 2, 5.—Stiles, 1907c, 55, 56, 65 (in H.; Europe, Italy); 1914, MM., v. 2, 296.—Stiles & Hass., 1905b, 127.
- vejdovskyi* (Janda, 1894, pl. 6) Cam., 1897g, 389 (51).—Stiles & Hass., 1905b, 127.
- violaceus* (Baird, 1853) Cam., 1897g, 392-393 (54-55), 418, fig. 1 (s. Gord. preslii) (Eng., Germany, France, Italy, Bohemia, Transcaucasus); 1908, v. 23 (578), 1-2 (in Silpha subrotundata).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Elmhurst, 1915, 47 (Scotland).—Gedöelst, 1911a, 135 (in man).—Hartmeyer, 1909, 87, 88.—Linst., 1906, v. 3 (2), 245 (in Homo).—Par., 1901, 4.—Ritchie, 1915, 115, 139, 140, 141-142, 255-256, 257, 258, 260, figs. 3-4, 7.—Southern, 1909, 116 (in S. s.; Ireland); 1914a, 68 (Co. Mayo).—Stiles, 1907c, 55, 56, 66 (in H.; Europe, France); 1914, MM., v. 2, 296.—Stiles & Hass., 1905b, 127.
- wolterstorffii* (Cam., 1888) Cam., 1897g, 392 (54), 418 (wolterstorffii), fig. 4 (s. Gord. pustulosus) (Frankfort); 1904, v. 19, 1-4 (=pleskei).—Stiles & Hass., 1905b, 127.
- wolterstorffii* Cam., 1897g, 418 (for wolterstorffii).

- PARACHROMADORA Micol., 1914, ZJ, 492-494 (subg. of Chromadora) (s. Trio-dontolaimus Micol., 1913, not de Man, 1893).
- alpina* (Micol., 1913) Micol., 1914, 494-497, pls. 17-18 figs. 29a-f, to Ch. (P.).
- lacustris* (Micol., 1913) Micol., 1914, 497-500, pl. 17 figs. 28a-e, to Ch. (P.).
- PARACIS Rail. & Henry, 1916, CrSB, 114 (tod. longicollis).
- longicollis* (Schneid., 1866) Rail. & Henry, 1916, 114.
- PARADOXITES Lindemann, 1865a, 492-495, 496 (tsd. renardi) [not Paradoxites Goldf., 1843, crustacean].—Kaiser, 1893b, 23.—Lühe, 1905b, 169, 266, 343.—Stiles & Hass., 1905b, 127.
- renardi* Lindemann, 1865a, 495, pl. 12 figs. 1-6 (in Strix passerina; Wilno).—Linst., 1878a, 105 (in Surnia passerina).—Lühe, 1905, 169, 340, 343.
- tenioides* Lindemann, 1865a, 496 (in Strix passerina; Wilno).—Linst., 1878a, 105 (in Surnia passerina).—Lühe, 1905, 169, 340, 343.
- PARAGORDIUS Cam., 1897g, 368, 399-402 (tsd. varius).—Brumpt, 1910a, 479; 1913a, 540.—Gedölst, 1911a, 134, fig. 180.—Hartmeyer, 1909.—Montg., 1898a, 43-45 (n. g., tod. varius), 45-47, 54 (mt. v.); 1899, 650, 651; 1904b, 738-755, pls. 49-50, figs. 1-37; 1906a, 500-501.—Pratt, 1916a, 227.—Stiles, 1907c, 56, 59, 67; 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 127.
- areolatus* Linst., 1906, v. 3 (2), 245, pl. 5 fig. 12, pl. 4 fig. 13 (Botschabelo, S. E. Africa).—Brumpt, 1913a, 540.
- cinctus* Linst., 1906, v. 3 (2), 245, pl. 4 fig. 11 (in Homo; Transvaal, Deutsch Ost Africa).—Cast. & Chalm., 1910a, 445, 926; 1913a, 556, 1293.—Gedölst, 1911a, 134 (in H.; T.).—Linst., 1906, v. 3 (2), 245, fig. 11 (in H.; T., Lydenburg).—Stiles, 1907c, 55, 56, 65 (in H.; Africa, T., Lydenburg); 1914, MM, v. 2, 296.
- emeryi* (Cam., 1895) Cam., 1897g, 401 (63), 419, figs. 34, 37 (Sonda Island, Leyden).—Stiles & Hass., 1905b, 127.
- flavescens* Linst., 1906, v. 3 (2), 246, pl. 4 fig. 14 (Tucuman, Argentina, Costa Rica).
- stylosus* (Linst., 1883) Cam., 1897g, 401-402 (63-64), 419, figs. 32, 39 (s. Gord. tricuspidatus) (Turkestan); 1912, 216 (Delhi, Punjab).
- tricuspidatus* (Duf., 1828) Cam., 1897g, 400 (62) (s. Fil. grylli-bordigalensis, Gord. g.-b., G. dectici-albifrontis, G. gratianopolensis, G. trilobus) (France).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 556, 1293.—Gedölst, 1911a, 134 (in Homo).—Hartmeyer, 1909, 87.—Linst., 1906, v. 3 (2), 245 (in H.).—Par., 1901, 4.—Stiles, 1907c, 55 (in H.; France), 56, 59, 63, 64 (in H.; France); 1914, MM, v. 2, 296.—Stiles & Hass., 1905b, 127.
- trifurcatus* = *varius* Cat. Boston Soc. Nat. Hist. MS. in Stiles, 1907c, 55 (= varius) (Maine, U. S. A.).
- varius* (Leidy, 1851) Cam., 1897g, 402 (64), 419, figs. 33, 35-36 (N. A., New Mex., Bogota, Bolivia, Argentine).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 556, 1293.—Chittenden, 1905 (V. 17), 5.—Gedölst, 1911a, 134 (in man).—Hempelm., 1912a, 108.—Linst., 1906, v. 3 (2), 245 (in Homo).—Montg., 1898a, 45-47, figs. 78-93; 1899, 651; 1903a, 387-474, pls. 37-43, figs. 1-91; 1903b, 1-88, pls. 1-7 figs. 1-91; 1903c, 927-928; 1907, June, 271, 272 (in Acheta; Mex., Lower Cal., Guatemala, U. S.).—Par., 1901, 4.—Pratt, 1916a, 227, fig. 363.—Stiles, 1907c, 53-68, figs. 35-55 (in H.; Ohio, Illinois, Ontario, Canada); 1909hh, 180; 1914, MM, v. 2, 296.—Stiles & Hass., 1905b, 127.—Ulrey, 1898a, 232-233 (to Gord.).—Ward, 1903, 224; 1916, 703.
- PARALINHOMEUS Man, 1907, MSz, v. 20, 33, 74, 81 (tsd. lepturus) (subg. of Linhomœus); 1907, v. 10, 239, 240-241.
- attenuatus* Man, 1907, 241 to L. (P.) (free; Ierseke); 1907, 33, 78-81, 87 to L. (P.) (Zealand).
- lepturus* Man, 1907, 240 to L. (P.) (free; Ierseke, Falmouth); 1907, 33, 74-78, 82, 83, 87, 90, fig. 15 to L. (P.) (free; Zealand, Falmouth).
- linurus* Savelev, 1912, 120 (im Schlamme mit Steinen; Kolafjord; Catharinahafen) to L. (P.).
- PARAMERMIS Linst., 1898e, 167 (tsd. crassa); 1905z, 393-396.—Corti, 1902a, 111, 113; 1906, v. 19 (20), 628.—Daday, 1911, Mte, v. 29, 497; 1913, 244, 263.—Hagmeier, 1912, 579-580.—Schmassm., 1914, ZA, v. 44, in 396-406, figs. 1-7.—Stiles & Hass., 1905b, 128.

PARAMERMIS—Continued.

- aquatilis* (Duj., 1845) Corti, 1902a, 111, 113 (s. Fil. lacustris) (in *Tanypus nebulosus*).—Daday, 1911, v. 29, 497; 1913, 215, 225, 232, 256, 263-264, pl. 8 figs. 7-10.—Hagmeier, 1912, 590-593, pl. 19 figs. 32-35, pl. 20 fig. 47.—Lauterborn, 1913, 871.—[Linst., 1898, 155-156, figs. 7-10.]
- arenicola* (Lauterborn, 1906) Lauterborn, 1913, 871.
- ascaroides* Lauterborn, 1913, 871.
- contorta* (Linst., 1889) Kohn, 1905, v. 15 (3), 213-256 (1-44), pl. 1 figs. 1-26 (in *Chironomus plumosus*, C. sp.; Europe); 1906, v. 31 (2-3), 64-66, figs. 1-2; 1906, 627-631.—Corti, 1906, v. 29 (20), 627-631 (of Kohn, renamed *Hydromermis implicata*) [not *Mermis contorta* Linst.].—Daday, 1911, v. 29, 498; 1913, 216, 220, 242, 243, 264-265.—Hagmeier, 1912, 580-585, pl. 18 fig. 28, pl. 19 fig. 26, pl. 20 figs. 44, 44a.—Hempelm., 1912a, 108.—Lauterborn, 1913, 871.—Linst., 1905z, 394, 396, 1 fig.—Schmassm., 1914, ZA, 403.—Seur., 1916, 365 (of Kohn so. *Hydromermis implicata*) (of Linst. in C. p.).
- crassa* (Linst., 1889) Corti, 1902a, 111, 113 (in C. p.); 1906, v. 19 (20), 629.—Daday, 1911, v. 29, 498-499; 1913, 218, 221, 235, 265.—Linst., 1905z, 393.—Schreitmûel., 1911, BATK, v. 22, 707-708, 724-726, figs. 1-2.—Seur., 1916, 364 (in C. p., *C. leucopogon*, *Eusimulium reptans*).
- fluvitilis* Hagmeier, 1912, ZJ, 585-587, pl. 19 figs. 27-28, pl. 20 figs. 45-45a (in larva of *Chironomidae*; in Rhein).—Lauterborn, 1913, 871.
- limnophila* Daday, 1911, v. 29, 499-500, pl. 3 figs. 14-15; 1911, 523-524, pl. 17 figs. 14a-b (Vierwaldstædter-See); 1913, 224, 233, 265-266, pl. 3 figs. 14-15.
- rosea* Hagmeier, 1912, ZJ, 587-590, pl. 19 figs. 29-31, pl. 20 fig. 46 (Neuhofen).—Schmassm., 1914, ZA, 403-404.
- zschokkei* Schmassm., 1914, ZA, 401-403, figs. 5-6 (in Silvaplanersee, Vierwaldstædtersee).
- PARASABATIERIA Man, (1906) 1907, v. 10, 237 (mt. vulg.); 1907, 33, 66.
- kolaensis* Savelev, 1912, TSN, 123 (in Ebbeschlamm; Catharinahafen).
- vulgaris* Man, (1906) 1907, v. 10, 237-238 (free; Ierseke, Eng.); 1907, 33, 66-67, 87, pl. 1 fig. 12, pl. 3 figs. 12, a, b, d, i, pl. 4 fig. 12c (Zealand).
- PARASPIDODERA Trav., 1914, MIOC, v. 6 (2), 137-142 (tod. uncinata) (Heterakidae).—Hall, 1916a, 44, 49.—Lane, 1916, IJMR, 101.
- uncinata* (Rud., 1819) Trav., 1914, 139-140, pl. 15 figs. 1-3 (in *Agouti paca*, *Cavia porcellus*, C. aperea; S. A.).—Hall, 1916a, 49-51, 54, figs. 55-57 (in C. p.; Brazil) (of Trav., type of *Parasp.*)
- PASSALURUS Duj., 1845a, 230, 231-233 (mt. ambiguus).—Rail. & Henry, 1916, CrSB, 114.—Schneid., 1866a, 51, 116.—Seur., 1916, CrSB, 67.—Stiles & Hass., 1905b, 128.
- ambiguus* (Rud., 1819) Duj., 1845a, 232-233 (in *Lepus cuniculus*, L. timidus; Europe).—Bail., 1866b, 46 (to *Oxyuris*).—Dies., 1851a, 140 (to *Oxyuris*).—Leiper, 1913, 266.—Rail., 1893a, 417 (to Ox.); 1915, RMv, 491; 1915, 734 (in rabbit).—Rail. & Henry, 1916, CrSB, 114, 115.—Schneid., 1866a, 119.—Seur., 1916, CrSB, 67, fig. 3.
- PELAGONEMA Cobb, 1894c, 391-392 (mt. simplex).—Stiles & Hass., 1905b, 128.
- simplex* Cobb, 1894c, 391-392, figs. 4, i-iv (coral bank; Bay of Nap.).—Stiles & Hass., 1905b, 128.
- PELECITUS Rail. & Henry, 1910, CrSB, v. 68 (6), 251 (tod. Spiropt. helicina).
- circularis* (Mol., 1860) Rail. & Henry, 1910, v. 68 (6), 251.
- helicinus* (Mol., 1860) Rail. & Henry, 1910, v. 68 (6), 251.
- quadrilapillosus* (Mol., 1860) Rail. & Henry, 1910, v. 68 (6), 251 (in *Ajaja ajaja*).
- serpentulus* (Dies., 1851) Rail. & Henry, 1910, v. 68 (6), 251.
- tercostatus* (Mol., 1860) Rail. & Henry, 1910, v. 68 (6), 251.
- PELODERA Schneid., 1866a, 28, 29, 148-152 (Pelodytes 1860 [not *Pelodytes* Fitz ante 1842, or Gistl., 1848] renamed, hence type *strongyloides*), 155, 156, 162, 190, 194, 196, 197, 201, 210, 214, 232, 234, 241, 244, 245, 247, 248, 251, 253, 254, 256, 258, 260, 261, 263, 267, 269, 270, 271, 272, 274, 278, 279, 283, 284, 286, 292, 293, 298, 300, 301, 302, 303, 315, 317.—Erc., 1875e, 36.—Janet, (1884a), 11 figs. (in *Formica rufa*); 1893a, 700-703; 1894a, 40; 1909, 1-3 (in *F. fusca*).—Leichtenstern, 1886, 173 (name only).—Leuck., 1868a, 406; 1879a, 124; 1886d, 94.—Looss, 1911, v. 4, 216, 255.—Rollet., 1888a, 679, 681, 686.—Schep., 1908, 198.—Shipley, 1896a (1901b), 129, 131, 133.—Stiles & Hass., 1905b, 128.—Stædter, 1901a, 19, 29, 96.

PELODERA—Continued.

- arex* Cobbold, 1884b, 5-6 (in *Equus* cab.; Eng.).—Assénova, 1899, 12.—Axe, 1884, 1.—Linst., 1889a, 23 (in E. c.; E.).—Ward, 1895, 340 (in E. c.).
- janeti* Lacaze-Dut. in Janet, 1893a, 700-703, 1 fig. (in *Formica rufa*, *Lasius flavus*; by Janet): 1894a, 40; 1894, MSz, v. 7, 45-62, figs. 1-11 (in F. r.; L. f.).—Conte & Bonnet, 1904, v. 50, 68.
- mucronata* [?] (Grube, 1849) Schneid., 1866a, 151.
- oxophila* (Schneid., 1866) Schneid., 1866a, 255.
- papillosa* Schneid., 1866a, 150, 151, 153-154 (in moist soil and decaying substance; Ing.), 218, 282, 294, 356, pl. 11 fig. 3, pl. 18 fig. 2, pl. 23 fig. 4 pl. 24 fig. 10, pl. 26 figs. 6-8.—Stœdter, 1901a, 27.
- pellio* Schneid., 1866a, 150, 151, 154 (body cavity of earthworms, also in moist soil and decaying substance; [Europe]), 303, 305, pl. 11 fig. 11.—Braun, 1895b, 214 (to *Rhabditis*); 1903a, 254; 1908a, 285; 1915v, 296.—Brumpt, 1910a.—Büetsch., 1873a, 12.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Friedländer, 1895, ZWZ, 276 (in Regenwurm).—Johns., 1913, 606, 607.—Magal., 1905a, 316.—Nev.-Lem., 1902a, 125.—Rail., 1893a, 550 (to R.).—Seur., 1916, 364.—Sl. & Sw., 1912a, 365.—Ward, 1903, 706.—Züern, 1882a, 280.
- rigida* (Schneid., 1866) Schneid., 1866a, 255, pl. 23 fig. 1.
- setigera* Bast., 1880 (1879), 71-73 (in buried body of *Homo*; Eng.), figs. 1-3.—R. Bl., 1887e, 168.—Braun, 1895b, 213 (= *Rhabditis terricola*).—Moniez, 1896a, 304 (so. R. t.).—Ward, 1903, 208 (so. *Lepidodera terricola*).
- species Janet, 1893a, 700-703 [see *janeti*]; 1894a, 40.
- strongyloides* (Schneid., 1860) Schneid., 1866a, 151, 152-153 (in moist soil and decaying substance; by Schneid.), 278, 282, 285, pl. 10 fig. 9, pl. 23 figs. 2, 3.—Chatin, 1888e, 1432 (in edible onion); 1897, v. 124 (17), 903-905.
- teres* Schneid., 1866a, 153, pl. 10 fig. 8 (in moist soil and decaying substance).—Braun, 1895b, 213 (= *Rhabditis terricola*).—Büetsch., 1873a, 107 (to R.).—Martini, 1906a, 708.—Rail., 1893a, 550 (= R. t.).—Ward, 1903, 208 (so. *Lepidodera terricola*).

PELODORA Dewitz, 1892b, 139 (for *Pelodera*).

PELODYTES Schneid., 1859a, 177 (mt. hermaphroditus); 1860b, 228, pl. 6, fig. 12 [not *Pelodytes* Fitz, ante 1846, or Gistl., 1848, reptile]; 1866a, 148 (renamed *Pelodera*).—Carus, 1862, v. 2, 458.—Rollest., 1870, 135.—Shipley, 1896a (1901b), 134.—Stiles & Hass., 1905b, 128.

hermaphroditus Schneid., 1859a, 177-178 (in Winters Schnecke).—Linst., 1878a, 325 (in *Arion empiricorum*) (*hermaphroditicus*), 366 (*hermaphroditicus*).

strongyloides Schneid., 1860b, 228, pl. 6, fig. 12; 1866a, 152 (to *Pelodera*).

PENZANCIA Man, 1889, 7-8 (tsd. *velox*) (subg. of *Monohystera*) (contains also *oxycerca*).

oxycerca (Man, 1888a) Man, 1907, v. 20, 56, 86 (marine; Zealand) to M. (P.).

PERITRACHELIUS Dies., 1851a, 80, 209-210 (mt. *insignis*); 1855e, 180.—Drasche, 1881, 3; 1882a, 187-194, pl. 12, figs. 1-19.—Goldb., 1855a, 111.—Jægers., 1894a, 450, 453.—Mol., 1857a, 151.—Ols., 1869b, 487.—Stiles & Hass., 1899a, 103, 107, 128, 131, 138 (prob. so. Asc.); 1905b, 125, 129.

insignis Dies., 1851a, 210 (in *Delphinus amazonicus*; Brazil); 1855e, 181, pl. 5 figs. 8-13 (in D. a.; B.).—Ben., 1870a, 362 (in D. a.; B.).—Cobbold, 1879b, 427.—Jægers., 1894a, 450 (in *Inia geoffroyi*).—Stiles & Hass., 1899a, 107, 138 (in D. a. [= *Inia geoffroyi*]).

typicus (Dies., 1861) Jægers., 1894a, 453, to *Peritrachelius* and Asc. (P.).—Stoss., 1902c (d, e), 6-7 (66-67, 6-7) (in *Delphinus delphis*, *Globicephalus melas*; Genoa).—Stiles & Hass., 1899a, 127, 132 (to Asc.).

PHACELURA Hempr. & Ehrenb., 1828a, appendix, not paged (mt. *paludinae*) [not *Phacellura* for *Phakellura* Guild, 1840, lepidopt.].—Linst., 1909a, 83.—Mol., 1857a, 151, 152.—Seur., 1916, 364.—Stiles & Hass., 1905b, 129.

inquilina (Muell., 1774) Dies., 1851a, 137 (in *Lymnæus auricularis*, *Nerita janitoris*, *Physa fontinalis*, *Planorbis corneus*; Denmark).—Linst., 1909a, 83 (in *Lymnæa aur.*, P. f., Pl. c.).—Seur., 1916, 364 (in L. a., P. f., P. c.).

lymnæi Linst., 1909a, 83 (for *lymnæi*) (in *Lymnæa stagnalis*).—Seur., 1916, 364 (in L. s.).

PHACELURA—Continued.

- lymnæi* Dies., 1851a, 137–138 (s. *Fil. lymnæi-stagnalis*) (in *Lymnæus stagnalis*; by Baer).
- paludina* Ehrenb. in Hempr. & Ehrenb., 1828, v. 1 (in *Paludina vivipara*).—Dies., 1851a, 137 (in *P. impura* et v.; Ber.).—Linst., 1909a, 83 (in *Bythinia tentaculata*, *Vipera vera*).—Seur., 1916, 364 (in B. t., V. v.).
- PHALDONEMA Rathelot, 1892a, 52 (apparently misprint for *Rhabdonema* [intestinal]).
- PHANODERMA Bast., 1865c, 94, 142–144 (tsd. [see Stiles & Hass., 1905b, 129] *cocksii*).—Villot, 1875a, 456, 461 (s. *Heterocephalus* Mar.).
- albidum* Bast., 1865c, 143–144, pl. 11, figs. 154–155 (tide-pools; Falmouth).—Villot, 1875a, 461–462, 465 (Eng.).
- cocksii* Bast., 1865c, 143, pl. 11, figs. 151–153 (tide-pools; Falmouth).—Villot, 1875a, 461–462, 465 (Eng.).
- gracile* Man, 1877a, 101–102, pl. 8 fig. 8a–d.—Southern, 1914a, 22 (Clew Bay).
- laticollis* (? Mar., 1870) Villot, 1875a, 466 (Mediterranean).
- parvum* Villot, 1875a, 462, 465, pl. 11 figs. 7a–b (Roscoff).
- tuberculatum* (Eberth, 1863) Bast., 1865c, 144.—Villot, 1875a, 466 (Med.).
- PHANOGLENE Nordm., 1840a, 546, 550, 664–665 (*micans* [?type], *barbiger*).—R., Bl., 1888a, 675.—Carus, 1863, v. 1, 459.—Duj., 1845a, 238.—Eberth, 1863a, 18.—Leuck., 1867b, 31.—Mol., 1857a, 151.—Schneid., 1866a, 51.—Stiles & Hass., 1905b, 67, 129 (?type *micans*).
- bacillata* Eberth, 1863a, 19–20, pl. 2 figs. 1–4 (free, under corals; Nice Harbor).
- barbiger* Nordm., 1840a, 664 (free; near Berl.).—Bast., 1865c, 172–173 (stagnant water; B.).—Eberth, 1863c, 18 (in s. w.; B.).
- flustra* (Dalyell, 1853) Bast., 1865c, 173–174 (in *Flustra carbacea*).
- longissima* Eberth, 1863a, 21, pl. 2 fig. 8 (under corals; Nice harbor).
- micans* Nordm., 1840a, 664 (in larva of a neuropteran).—Bast., 1865c, 173 (in larva neuropt.).—Carus, 1863, v. 2, 459.—Dies., 1851, 128.—Duj., 1845a, 238 (in larva of neuropt.).—Eberth, 1863a, 18 (in neuropteran larva).
- obtusicaudata* (Kœll., 1845) Bast., 1865c, 173.
- ocellata* (Carter, 1859) Eberth, 1863a, 21–22.
- punctata* Eberth, 1863a, 20, pl. 2 figs. 5–7 (free under sea plants; Villafranca).—Villot, 1875a, 458 (prob. so. *Leptosomatum gracile*).
- rosea* (Kœll., 1845) Bast., 1865c, 173.
- subulata* Eberth, 1863a, 21, pl. 2 figs. 9–10 (under corals; Nice Harbor).—Büetsch., 1873a, 24.—Stiles & Hass., 1905b, 140.
- PHARURUS R. Leuck., 1848c, 26–28 (mt. *Str. alatus*).—Dies., 1851a, 322 (so. *Prosthecocaster*).—Rail. & Henry, 1912, 566.—Stiles & Hass., 1905b, 129.
- alatus* (R. Leuck., 1848) Dies., 1851a, 325, to Str. (Ph.).
- minor* (Kuhn, 1829) Cobbold, 1879b, 423.
- PHARYNGODON Dies., 1861a, 614, 642 (mt. *acanthurus*) [not *Pharyngodon* Cope, 1865, reptile].—Rail. & Henry, 1916, CrSB, 114.—Stiles & Hass., 1905b, 129.
- acanthurus* (Dies., 1851) Dies., 1861a, 642 (s. *Asc. extenuata*, *Oxyuris spinicauda*) (in rectum, *Chrysomalampus ocellatus*, *Podarcis muralis*; Algéciras, Padua).—Linst., 1883a, 297 (hng.).—Par., 1894a, 224, to *Oxyuris* (Ph.) (in *Lacerta ocellata*; Padua).—Rail. & Henry, 1916, CrSB, 114 (s. *Asc. extenuata*, *Oxyuris spinicauda*).—Reported for *Lacerta muralis*, *Tejus teguixin*, *T. nigropunctatus*, *Triton tæniatus*.
- PHILOMETRA Costa, 1845 [nv.] [not *Philometra* Grote, 1872, lepidopt.].—Rail., 1916, RMv, v. 92, 519 (s. *Ichthyonema* Dies., 1861) (type *globiceps*).
- globiceps* (Rud., 1819) Rail., 1916, 519 (s. *recticaudata*).
- recticaudata* Costa, 1845 [nv.].—Rail., 1916, 519 (so. *globiceps*).
- PHYSALOPTERA Rud., 1819a, 29–30, 255–259, 585 (tsd. clausa).—Blainv., 1828a, 545–546.—R. Bl., 1888a, 727 (as genus of *Strongylides*).—Braun, 1906a, 332–333; 1915a, 291, 328.—Brems., 1824a, 126.—Brumpt, 1910a, 333, 399; 1913a, 464.—Burm., 1856a, 279.—Carus, 1863, v. 2, 460.—Cat. RCSL, 1830, 39.—Crep., 1839a, 280.—Daniels, 1910a, 71.—Deslgch., 1824kk, 620–622; 1828b, 468–469.—F., S., & T., 1916a, 460.—Fischer, 1840a, 154.—Foy, 1838, v. 7, 451–452.—Garin, 1913, 9, 75.—Geddelst, 1911a, 130.—Goldb., 1855a,

PHYSALOPTERA—Continued.

- 111.—Hall, 1916a, 168, 199, 212-213, 214-215, 216, 217, 218 (type clausa).—Jägers., 1897b, 20, 22.—Joy, 1835a, 503.—Krefft, 1871a, 210.—Leiper, 1911, 209.—Lepri, 1898a, 56.—L'Herminier, 1826a, 10.—Linst., 1897i, 29; 1902a, in 217-232, 1 pl.; 1902l, 769; 1903u, in 265-294; 1904a, 274; 1904f, 4; 1904m, in 379-383, 1 pl.; 1909, CFB, v. 50, in 448-451, figs. 1-4; 1909, 49, 56.—Milne, 1912, v. 47, 357 (in squirrel, cat; Jhansi).—Mol., 1857a, 151; 1860d, 637-672 (monograph).—Mordwilko, 1908, 191.—Neum., 1892, 345, 373.—Nev.-Lem., 1904a, 97; 1906a, 281; 1908a, 417; 1912a, 651.—Nordm., 1840a, 660.—Olss., 1869b, 487, 490.—Par., 1887b, 356; 1894a, 572, 1907a, 1-4.—Rail. & Henry, 1909a, 85; 1912, 562.—Schneid., 1866a, 15, 24, 29, 59-61, 78, 189, 204, 233, 235, 241, 242, 286, 311.—Seur., 1914, v. 6, 244-253, 3 figs.; 1914, 527; 1915, 15; 1916, 330-331, 339; 1917, CrSB, v. 80, 210-218, fig. 1 (in mammals; N. Africa).—Shipley, 1896, 163.—Skrj., 1916, 523; 1916, 80, 145.—Sl. & Sw., 1912a, 331.—Sons., 1889, 224-227 (in *Megalotis cerdo*).—Stiles, 1907a, 38; 1914, v. 2, 271.—Stiles & Hass., 1905b, 129 (clausa designated type).—Stoss., 1889(m), 36-59 (1-24), pls. 1-3 figs. 1-42 (monograph); 1898, 88.—Verdun, 1907, 321.—Ward, 1916, 692.—Weinberg, 1906e, 534 (path.).—Wolffh., 1900, 44 (in *Upupa epops*).
- abbreviata* Rud., 1819a, 30, 257-258 (in *Lacerta margaritacea*; Algeciras, Spain).—Dies., 1851a, 235-236 (s. *Asc. fallax*) (in *Chrysolamprus ocellatus*, L. viridis; Spain).—Hall, 1916a, 213, 214-215, figs. 279-280 (in *Graphiurus murinus*; Africa).—Leidy, 1886e, 312-313; 1904a, 192-193 (in *Phrynosoma regale*, P. hernandezii; Mexico).—Linst., 1878a, 192; 1883a, 281-282, pl. 6 figs. 7-8; 1886c, 6; 1889a, 66; 1902d, 31.—Mol., 1860d, 646.—Olss., 1883a, 53.—Par., 1907a, 3.—Schneid., 1866a, 65, 256.—Seur., 1914, CrSB, v. 77, 433-434 (1-2), figs. 2-3 (in *Lacerta ocellata*; Bou-Saâda); 1916, 142, 143; 1916, 302, 331, 336-337 (in *Ateuchus*, L. o.; B.-S.); 1917, CrSB, 210, 217, 218 (31, 38, 39); 1917, CrSB, 44-45, 46, 47, 48, 52 (18-19, 20, 21, 22, 26) (in L. o.; B.-S.).—Skrj., 1916, 80-82, 145, 146, pl. 8 figs. 63-65 (in *Agama* sp.).—Stiles & Hass., 1894e, 343 (in P. h., P. r.).—Stoss., 1889, v. 11, 42-43 (7-8) (in *Ciconia alba*, *Phrynocephalus helioscopus*, *Phrynosoma h.*, *Pseudopus pallasii*, *Tropidonotus hydrus*).—Also reported for *Jachus vulg.*, *Lacerta agilis*, *L. muralis*, *L. vivipara*.
- abjecta* Leidy, 1856b, 53 (in stomach, *Psammophis flagelliformis*; by Jones); 1904a, 99.—Linst., 1878a, 186.—Mol., 1860d, 665.—Stiles & Hass., 1894e, 343 (in whip snake).—Stoss., 1889, v. 11, 51 (16) (in P. f.; Phila.).
- acuticauda* Mol., 1860d, 661-663 (s. *alata* Dies. pars) (in *Falco atricapillus*, F. cachinans, F. cayennensis, F. coronatus, F. dispar, F. gracilis, F. minutus, F. ornatus, F. palustris, F. sp., F. rutilans, F. swainsonii, F. uncinatus, F. urubutinga; Brazil), 669, 670.—Drasche, 1883b, 127, pl. 8 figs. 4, 5.—Linst., 1878a, 110 (in *Herpetotheres cachinnans*), 114, 115, 116, 117, 118; 1889a, 41; 1901b, 413.—Rans., 1904a, 5, 42, 45, 46 (s. a. D.) (in *Elanus caeruleus*; Africa).—Stoss., 1889, 46 (11), 56 (21), pl. 2 fig. 14, pl. 3 fig. 33.
- alata* Rud., 1819a, 29-30 (s. *Vermis dubius falconis-nisi*) (in *Falco nisus*, F. pennatus, F. gallicus; Mus. Wien), 256-257, 645.—Blainv., 1828a, 545.—Crep., 1846a, 129.—Dies., 1851a, 234 (in *Falco apivorus*, F. atricapillus, F. cachinans, F. cayennensis, F. coronatus, F. dispar, F. gracilis, F. ornatus, F. palustris, F. pygargus, F. rufus, F. rutilans, F. sp., F. swainsonii, F. uncinatus, F. urubutinga; Brazil, M. C. V.).—Geddes, 1911a, 130, fig. 175.—Lam., 1840a, 661.—Lepri, 1898a, 53, 54, 56-58, figs. 6-7.—Linst., 1877a, 9-10, pl. 1 figs. 13-15; 1878a, 108, 110; 1909, 56, fig. 18 (in *Circus eruginosus*).—Mol., 1860d, 660-661 (so. *acuticauda* Mol.).—Nordm., 1832a, 22; 1840a, 661.—Par., 1887b, 356-357 (84-85).—Schneid., 1866a, 63.—Seur., 1914, 252 (in *Accipiter nisus*; Bou-Saâda); 1914, 427; 1915, NZ, 15-16, 17 (in *biarmicus erlangeri*; Biskra); 1916, 142; 1916, 331, 334-335 (in A. n., C. v.; B.-S.).—Skrj., 1916, 523-524, fig. 37 (in *Aquila imperialis*, A. pennata).—Stoss., 1889(m), 45 (10), pls. 2, 3 figs. 13, 32 (in A. p., *Astur palunbarius*, *Buteo vulg.*, *Circæus gallicus*, *Circus rufus*, C. cyaneus, F. subbuteus, *Nisus communis*, *Pernis apivorus*); 1895, 33; 1896, 124; 1898, 88.—Wedl, 1856, 47.—Wolffh., 1900, 10, 13.—Also reported for *Accipiter nisus*, *Astur nisus*, *Circus cineraceus*, C. pygargus.
- alata chevrenxi* Seur., 1914, BSHnA, 252-253 (in *Épervier*; Bône); 1916, 335 (in *Accipiter nisus*; Bou-Saâda).
- alata novæli* Seur., 1915, v. 6 (9), 157-159 (in *Accipiter nisus*, *Aquila chrysaetos* Bou-Saâda); 1916, CrAS, 142.

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- alba* Stoss., 1902c(d, e), 10–11 (70–71, 10–11), pl. 4 figs. 18–20 (in *Cyclodus boddaertii*; Nuova Olanda).
- aloisii-sabaudix* Par., 1907a, 3 (in *Agama atricollis*; Africa).—Seur., 1917, CrSB, 47 (21).
- amphibia* Linst., 1899b, 15, pl. 3 fig. 37 (in *Rana macrodon*; Luzon).—Seur., 1914, 179.
- anomala* Mol., 1860d, 650–651 (s. *felis-onçæ*) (in *Felis onça*; Matogrosso, Brazil).—Drasche, 1883b, 128, pl. 8 figs. 1–3.—Linst., 1878a, 32; 1889a, 14; 1889c, 239.—Stoss., 1889l(m), 44 (9), pls. 2, 3, figs. 11, 30.
- antarctica* Linst., 1899b, 15–16, pl. 3 fig. 39 (in *Acanthophis antarctica*, *Cyclodus occipitalis*; S. Australia).
- bilabiata* Crep., 1829b, 7–8 (in *Lanius minor*; by Schilling & Hornschuch).—Dies., 1851a, 234–235 (in L. m.; Greifsw.).—Linst., 1878a, 95 (in L. m.).—Mol., 1860d, 643–644.—Stoss., 1889l (m), 51 (16).
- brevicauda* Linst., 1906, 166, pl. 1 fig. 4 (in *Francolinus adspersus*; S. W. Africa); 1909, 449–450, fig. 3 (in F. a.; S. W. Africa).
- brevispiculum* Linst., 1906, v. 3, 166, pl. 1 fig. 4 (in *Felis rubiginosa*; Kandy, Ceylon).
- brevivaginata* Seur., 1917, CrSB, 210–211 (31–32) (in *Vespertilio kuehli*; Bou-Saâda).
- britannica* Skrj., 1916, 80, 82–83, 145–146, pl. 9 figs. 66–69 (in *Agama* sp.; Brit. E. Africa).—Seur., 1917, CrSB, 47 (21).
- bulbosa* Linst., 1906, 250, pl. 16 fig. 3 (in *Pavo spicifer*; Koenigsb.).—Gedølst, 1911a, 130 (in peacock).
- caucasica* Linst., 1907, AN, J. 67, v. 2 (8), 172 (for *caucasica*).
- caucasica* Linst., 1902l, 769–770, figs. 1–2 (in *Homo*; Caucasus); 1903u, 273–274 (9–10), pl. 18 figs. 6–8 (in H.; Petrograd); 1904a, 273–274 (9–10), figs. 6–8; 1905, 33.—Braun, 1903a, 299; 1906a, 333; 1908a, 338 (in H.; Caucasus); 1915a, 328, fig. 288.—Brumpt, 1910a, 400; 1913a, 464.—Cast. & Chalm., 1913a, 1292.—F., S., & T., 1916a, 461.—Gedølst, 1911a, 130 (in H.).—Leiper, 1911, 209 (in H.; S. Russia).—Nev.-Lem., 1904a, 97, 111; 1906a, 281; 1908, 460.—Sl. & Sw., 1912a, 331, 402.—Stiles, 1907e, 602; 1914, MM, v. 2, 293.—Verdun, 1907, 382.—Ward, 1903, 222; 1903, 704; 1916, 692.
- cesticillata* Sons., 1889c, 224–227 (in *Megalotis cerdo*; by Sons., Egypt).—Linst., 1889a, 138.—Seur., 1917, CrSB, 210 (31) (in Fennec).
- circularis* Linst., 1897i, 28–29, fig. 4 (in *Mus rattus*; Madagascar).—Hall, 1916a, 212, 215–216, fig. 281 (in *Epimys rattus*; M.).—Par., 1898b, 18, 19; 1907a, 4.—Seur., 1917, CrSB, 217 (38).
- citilli* (Rud., 1819) Hall, 1916a, 212, 213 (in *Citellus citellus*).
- clausa* Rud., 1819a, 29, 255–256, 643, pl. 1 figs. 2, 3 (in *Erinaceus europæus*; Mus. Wien).—Blainv., 1828a, 545.—R. Bl., 1887e, 167.—Brems., 1824a, 126; 1824c, pl. 3 figs. 1–7.—Carus, 1863, 460.—Cobbold, 1879b, 295.—Crep., 1839a, 280.—Dies., 1840, 222; 1851a, 233.—Garin, 1913, 9, 76–78, 84, 86–87, 88, 148, figs. 25–26, 28–29.—Hall, 1916a, 212.—Lam., 1840a, 660.—Linst., 1878a, 15.—Mol., 1860d, 649–650.—Nordm., 1840a, 660–661.—Schneid., 1866a, 60, 62, pl. 3 fig. 4.—Seur., 1913, 126 (in *E. deserti*); 1913, CrSB, 330; 1913, 1 (in *hérisson*; Tunis); 1916, 331–334, 337, fig. 14 (in *Elephantulus d.*, *Erinaceus d.*); 1917, CrSB, 210, 211–214, 215 (31, 32–35, 36), fig. 1 (s. *dispar* Linst., 1904) (in *Erin. d.*, *Erin. algirus*; Algeria).—Stoss., 1889, v. 11, 49 (14), pls. 2, 3 figs. 20, 39; 1896, 124; 1898, 89.—Wedl, 1855, 308; 1856, 47.
- cœlebs* Linst., 1897i, 28, pl. 4 fig. 3 (in *Centetes ecaudatus*; Madagascar).
- colubri* (Rud., 1819) Dies., 1851a, 237 (in *Zacholus austriacus*; M. C. V.).—Drasche, 1883b, 128.—Linst., 1878a, 190; 1889a, 65.—Mol., 1860d, 665.—Stoss., 1889l (m), 42 (7) (in *Coronella austriaca*; Wien).
- constricta* Leidy, 1856b, 53 (in *Tropidonotus sipedon*; [U. S. A.]); 1904a, 98–99.—Linst., 1878a, 188.—Mol., 1860d, 663–664.—Stiles & Hass., 1894e, 343 (in T. s.).—Stoss., 1889l (m), 52 (17).
- contorta* Leidy, 1856b, 53 (in *Cistudo carolina*, *Emys serrata*, *E. reticulata*, *Kinosternum pennsylvanicum*; [U. S. A.]); 1904, 99.—Linst., 1878a, 177.—Mol., 1860d, 664 (in *Clemmys serrata*, *Pyxidemis clausa*, *Kynosternon penns.*; Phila.).—Stiles & Hass., 1894e, 343 (in K. p., C. clausa).—Stoss., 1889l (m), 52 (17) (in *Cinosternon* p.; Phila.).

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- crassa* Linst., 1879b, 329-330 (in *Auda arvensis*; Stuttgart); 1889a, 33 (in A. a.).—Stoss., 1889l (m), 40 (5).
- croci* Seur., 1914, BSHnA, 247, 249-251, figs. 1-3 (in *Accipiter nisus*; Mascara); 1915, 16, 17; 1916, 142.
- dentata* Linst., 1883a, 282-283, pl. 6 figs. 9-10 (in *Agama sanguinolenta*, Phrynoc. auritus, *Vipera berus*: Turkestan); 1886c, 7, figs. 9-10; 1889a, 62 (in *Pelias berus*).—Par., 1907a, 3.—Seur., 1917, CrSB, 47 (21).—Stoss., 1889l(m), 39 (4), pl. 1 fig. 4 (in A. s., *Pelias berus*, Phrynoc. a.; T.).
- digitata* Schneid., 1866a, 61, pl. 3 fig. 1 (in *Felis concolor*; Brazil).—Cobbold, 1879b, 309.—Linst., 1878a, 31; 1889c, 239.—Neum., 1892, 373.—Stoss, 1889l (m), 48 (13), pls. 2, 3, figs. 19, 38.
- dilatata* Rud., 1819a, 644-645 (stom. *Simia rosalia*; Brazil).—Brems., 1824c, pl. 3 figs. 8-9.—Cobbold, 1879b, 291.—Dies., 1851a, 233-234 (in *Cebus apella*, C. canus, C. *Callithrix* caligatus, C. *lagothrix*, C. *satanas*, *Jacchus rosalia*, J. *vulg.*; B., M. C. V.).—Leiper, 1911, 209 (in *Simia* (of Mol.=mordens).—Linst., 1878a, 8; 1901b, 413 (in *Papio langheldi*).—Mol., 1860d, 648 (in *Callithrix amictus*, *Cercopithecus nictitans*, *Lagothrix humboldtii*; B.).—Nordm., 1832a, 22.—Par., 1885a, 436.—Shipley, 1905, 98 (in *Cercopithecus pyrrhonotus*).—Stoss., 1889l (m), 52 (17) (in *Callithrix caligata*, *Cynoc. hamadrias*, *Cebus fatuellus*, *Hapale rosalia*, H. *iacchus*, *Lagothrix cana*, *Pithecia satanas*; B.).
- dispar* Linst., 1904m, 380, figs. 1-2 (in *Erinaceus albiventris*; Nigeria, W. Africa).—Seur., 1917, CrSB, 211 (so. clausa).
- elegantissima* Stoss., 1902c (d, e), 10 (70, 10), pl. 4 figs. 24, 25 (in *Ratelus capensis*; Eritrea).
- fusiformis* Linst., 1902a, 219, fig. 3 (in *Micropogon* sp.; Breslau Mus.).
- galinieri* Seur., 1914, BSHnA, 244-247, figs. 1-3 (in *Aigle*; Ain-Oussera); 1915, 17 (in *Aquila rapax belisarius*); 1916, 142, 143; 1916, 331.
- gemina* Linst., 1889b, 15, pl. 3 fig. 34 (in *Felis catus* dom.; Egypt).—Gedöelst, 1911a, 130 (in dom. cat).—Rail., 1915, 736 (in chicken); 1915, RMv, 494.—Seur., 1917, CrSB, 217 (38).
- getula* Seur., 1917, CrSB, 215-217 (36-38) (in *Mus rattus*; Dar M'tougui; Maroc; Algeria).
- guiarti* Garin, 1913, 75, 79-81, 82, 87-88, 148, figs. 27, 30 (in *Leptonychotes weddelli*; S. Pole).
- incurva* Linst., 1908, 22, fig. 2 (in *Erinaceus frontalis*; Kalahari, S. Africa).
- inermis* Linst., 1906, 249, pl. 16 fig. 1 (in *Sciurus prevosti*; Königsb.).
- inflata* (Mol., 1860) Stoss., 1889m, 51 (16) (in *Falco unicinctus*; Brazil).—Linst., 1889a, 43.
- leptosoma* (Gerv., 1848) Seur., 1917, CrSB, 48-52 (22-26), figs. 1-4 (in *Uromastix acanthinurus*, *Varanus griseus*; Algeria); 1917, CrSB, 217 (38).
- limbata* Leidy, 1856b, 53 (s. *Spiropt. scalopsis-canadensis* [in *Scalops canadensis*]; 1904a, 98.—Linst., 1878a, 17 (in *Scalops aquaticus*).—Mol., 1860d, 665 (in S. c.; Phila.).—Stoss., 1889l (m), 53 (18).
- magnipapilla* Mol., 1860d, 657-658 (s. *myrmecophagæ-quadridentylæ* M. C. V.) (in *Myrmecophaga bivittata*; Caicara, Brazil).—Drasche, 1883b, 128.—Linst., 1878a, 62 (in M. *tetractyla*); 1889a, 26.—Stoss., 1889l (m), 47 (12).
- malleus* Linst., 1883a, 283, pl. 6 figs. 11-12 (in *Corvus cornix*; Turkestan); 1886c, 8; 1889a, 38 (in C. c.).—Stoss., 1889l (m), 38-39 (3-4) (in C. c.; T.).
- maxillaris* Mol., 1860d, 645 (s. *viveræ* M. C. V.) (in *Mephitis chinché*; Brazil).—Drasche, 1883b, 128.—Jægers., 1897b, 20.—Linst., 1878a, 41; 1889a, 16 (in *Procyon cancrivorus*); 1889c, 239.—Par., 1900c, 196 (in M. *suffocans*; Buenos Aires).—Stoss., 1889l (m), 47 (12).
- megalostoma* Crep., 1829b, 6-7, pl. 1 figs. 1-5 (in proventric., *Falco nisus*; Greifsw.); 1846a, 130.—Nordm., 1832a, 22.—Reported for F. *palumbarius*.
- mephites* Solanet, 1909, RAYV, 90-92, figs. 1-4 (in *Mephitis suffocans*; Buenos Aires).
- monodens* Mol., 1860d, 658-659 (24-25) (s. *boæ*, *boæ-stiboyce*, *reflexa boæ-constrictoris*) (in *Boa constrictor*; Brazil).—Drasche, 1883b, 127.—Linst., 1878a, 185; 1889a, 64.—Stoss., 1889l (m), 50 (15).

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- mordens* Leiper, 1908, L. v. 174, 102 (in *Homo*; Uganda); 1908, TSTMH, v. 1, 76-82, pl. 1; 1911, JTMH, v. 14, 209-211 (in *H.*; Africa); 1912, v. 51 (18), 566 (in *H.*; A.); 1913, 268-269, figs. 4-5; 1915, 569-570 (in *H.*; Uganda, Transvaal).—Braun, 1915a, 329.—Brumpt, 1913a, 465.—Cast. & Chalm., 1913a, 1292.—Daniels, 1910a, 152.—F., S., & T., 1916a, 461, 462, fig. 340.—Gedöelst, 1911a, 130 (in man; tropical Africa).—Looss, 1914, v. 2, 510.—Stiles, 1914, MM, v. 2, 293.—Turner, 1910, 58 (in *H.*; A.).—Ward, 1916, 692.—Wellman, 1914, 800.
- mucronata* Dies., 1851a, 235 (in *Champsia nigra*; Brazil).—Leidy, 1856b, 53; 1904a, 98 (in *Alligator mississippiensis*; Ga.).—Linst., 1878a, 180, 181 (in *Jacare nigra*).—Pavesi, 1881a, 294.—Stiles & Hass., 1894e, 343 (in A. m.).
- muris-brasiliensis* Dies., 1861a, 653 (s. *Spiropt. bilabiata*) (in stom., *Mus brasiliensis*; Brazil).—Drasche, 1883b, 128.—Hall, 1916a, 212, 213-214, 216, figs. 277-278 (in M. b.; B.).—Linst., 1878a, 24; 1889a, 11 (in *Holochilomys brasiliensis*).—Par., 1898b, 17, 18, 19.—Seur., 1917, CrSB, 217 (38).—Stoss., 1889, 41 (6), pls. 1, 3 figs. 7, 27.
- numidica* Seur., 1917, CrSB, 217-218 (38-39) (in *Dipodillus campestris*; Bou-Saâda).
- obtusissima* Mol., 1860d, 654-657 (s. *colubri M. C. V.*) (in *Bothrops jararacca*, *Cloelia plumbea*, *C. fasciata*, *Erythrolamprus venustissimus*, *Lygophis regius*, *Ophis ceruleus*, *O. treuensteinii*, *O. saurocephalus*, *O. rhodogaster*, *Pseudophis cinerascens*, *Spilotes pullatus*; Brazil, M. C. V.).—Drasche, 1883b, 127.—Linst., 1878a, 182; 1889a, 63.—Shipley, 1900c, 559 (in C. f., C. p., *Dipsadomorphus irregularis*, *Erythrolamprus aesculapi*, *Lachesis lanceolatus*, L. r., O. c., O. r., O. t., P. c., S. p., *Xenodon severus*; S. A., New Brit. in W. Pacific).—Stiles & Hass., 1894e, 343 (in *Bascanion constrictor*, *B. flaviventris*).—Stoss., 1889l (m), 44 (9); 1900, 3.—Also reported for *Oxyrhophus fasciatus*, *O. plumbeus*.
- ovata* Linst., 1907, 252-253, pl. 6 fig. 5 (in *Astur melanoleucus*; Kamerun).
- pallaryi* Seur., 1917, CrSB, 45-47, 48 (19-21, 22) (in *Agama bibroni*; Mogador, Bou-Saâda); 1917, CrSB, 218 (39).
- papilloradiata* Linst., 1899b, 14-15, pl. 3 fig. 33 (in *Canis lupus*; Persia).
- papillotruncata* Mol., 1860d, 647-648 (in *Myrmecophaga jubata*, *M. didactyla*; Brazil).—Drasche, 1883b, 127.—Linst., 1878a, 62; 1879b, 328; 1889a, 27.—Stoss., 1889l (m), 43 (13), pls. 2, 3 figs. 18, 37.
- paradoxa* Linst., 1908, JDMG, 22, figs. 3-4 (in *Varanus albigularis*, V. sp.; Kalahari, etc., S. Africa).—Seur., 1914, CrSB, 434-436 (2-4), figs. 1, 4-5 (in *Varanus griseus*, *Cerastes cornutus*); 1916, 142, 143; 1916, 336, 337 (s. *quadrovaria*); 1917, CrSB, 47 (so. *varani*).
- præputialis* Linst., 1889c, 238-239, pl. 16 figs. 9-10 (in *Felis catus*; B.); 1889a, 13; 1902l, 769; 1903u, 274; 1904a, 274; 1906, 166.—Bodkin & Cleave, 1916; BER, 182 (in cats; Brit. Guiana).—Harrison & Hall, 1909, P, v. 2 (1-2), 29-31 (in Malay tiger); 1909, v. 21 (5), 489.—Rail., 1915, 735; 1915, RMv, 494.
- pyramidalis* Linst., 1879b, 329, pl. 5 fig. 14 (in *Cholæpus didactylus*; Surinam); 1889a, 27 (in *Myrmecophaga didactyla*).—Stoss., 1889l (m), 39-40 (4-5) (in C. d.; S.).
- quadrovaria* Leiper, 1908, 192, fig. 43 (in *Varanus niloticus*; White Nile).—Seur., 1916, 143 (so. *paradoxa*); 1916, 337 (so. p.); 1917, CrSB, 47 (so. *varani*).
- retusa* Rud., 1819a, 30, 258, 586, 646-647 (intest., *Lacerta teguixin*; Brazil).—Dies., 1851a, 236 (in *Ctenodon nigropunctatus*, *Podinema graphica*, P. teguixin, *Scelocnemis lateristriga*, *Tropidurus torquatus*; B., M.C.V.).—Leidy, 1891a, 412 (in *Varanus* sp.).—Linst., 1878a, 191.—Mol., 1860d, 652 (in *Amphisbæna flavescens*, *Cnemidophorus lateristriga*, *Euprepis spixii*, *Ophiodes striatus*, *Podinema scripta*, *Pygodactylus gronovii*, *Scleroporos undulatus*; B.).—Par., 1898b, 20.—Schneid., 1866a, 60, 65-66, pl. 3 figs. 6, 8, 9.—Seur., 1917, CrSB, 43 (17).—Shipley, 1900c, 559 (in *Amieva surinamensis*, *Amphisbæna alba*, *Dipsadomorphus irregularis*, *Tupinambis teguixin*, T. *nigropunctatus*; New Britain).—Stiles & Hass., 1894e, 343 (in *Varanus variens*).—Stoss., 1889l (m), 37-38 (2-3) (in *Amphisbæna flavescens*, *Tejus monitor*; Brazil); 1900, 3.—Also reported for *Lacerta stellio*, *Tejus nigropunctatus*, T. teguixin, *Tropidolepidura* sp.
- rotundata* Linst., 1906, 249-250, pl. 16 fig. 2 (in *Otis houbara*; Koenigsb.).

PHYSALOPTERA—Continued.

- ruwenzorii* Par., 1907a, 4 (in *Arvicanthus abyssinicus*, *Mus ugandæ*; Africa).—Hall, 1916a, 212, 216–217, figs. 282–284 (in *Arvicanthus a.*, *Epimys ugandæ*; Fort Portal, Africa).—Seur., 1917, CrSB, 217 (38).
- saginata* Rud., 1819a, 647 (in *Strix*; Brazil).—Dies., 1851a, 236–237 (in *Caprimulgus guianensis*, *C. leucopygus*, *Corvus cajanus*, *Crotophaga ani*, *Cuculus tinguaçu*, *Falco furcatus*, *Icterus cristatus*, *S. atricapilla*, *Thamnophilus sp.*; B., M. C. V.).—Linst., 1878a, 71.—Stoss., 1889l (m), 53 (18) (in *Caprimulgus leucopygus*, *S. torquata*, *T. funebris*).—Also reported for *Nyctidromus guianensis*.
- sciuri* Par., 1898a (b), 118–120 (17–19), pl. 1 figs. 18–19 (in *Sciurus melanogaster*; Mentawai Isl.).—Hall, 1916a, 212, 217–218, figs. 285–286 (in *S. m.*; *M.*).—Linst., 1906, 249 (in *S. m.*).
- semilanceolata* Mol., 1860d, 659 (in *Nasua narica*; Brazil).—Drasche, 1883b, 127.—Cobbold, 1879b, 298.—Linst., 1878a, 41; 1889a, 17 (in *N. socialis*); 1889c, 239.—Stoss., 1889, 50 (15).
- sonsinoi* Linst., 1895a, 525–526, fig. 17 (in stom., *Agama mutabilis*; Pisa).—Seur., 1917, CrSB, 52 (26).—Sons., 1895, 124 (in *A. pallida*).
- species* Linst., 1897i, 29 (in *Erinaceus*; Madagascar).
- species* Linst., 1904f, 5 (in *Calotes versicolor*; Colombo).
- species* Par., 1885a, 438–439 (17–18), pl. 7 fig. 22 (in cav. orb., *Ibis æthiopica*; Abyssinia).—Linst., 1889a, 53.
- species* Par., 1889c, 775–776 (in un ofidio; Birmania).
- species* Seur., 1916, 337–338 (in *Erinaceus algirus*; Bou-Saâda).
- species* Sieb., in Oerley, 1882b, 311 (in *Emys venusta*; by Sieb.).—Linst., 1889a, 61.
- species* Stewart, 1914, RIM, 178–179, 190, pl. 22 figs. 50–51 (in *Bufo stomaticus*; Lucknow).
- species* Stoss., 1901a, 90–91 (2–3) (in *Orycteropus capensis*; Aardvak).
- spiralis* Schneid., 1866a, 60, 64–65, pl. 3 fig. 5 (in *Amphisbæna sp.*; Brazil).—Linst., 1878a, 191.—Seur., 1914, 66.—Stoss., 1889l (m), 38 (3), figs. 2, 25.
- spirula* Ehrenb. in Hempr. & Ehrenb., 1828a (*Hyrax*) (unpag'd) (in intest. crass., *Hyrax capensis*; by H. & E.).—Cobbold, 1879b, 403.—Dies., 1851a, 236.—Hall, 1916a, 212, 213 (in *Procavia syriaca*, *P. capensis*; Syria, Arabia).—Linst., 1878a, 45.—Mol., 1860d, 664.—Stoss., 1889l (m), 53 (18).
- striata* Linst., 1883a, 280–281, pl. 6 figs. 5–6 (in *Tropidonotus hydrus*, *Ciconia alba*; Turkestan); 1886c, 5; 1889a, 64 (in *T. h.*).—Seur., 1914, 66.—Stoss., 1889l (m), 40–41 (5–6) (in *C. a.*; *T.*).
- strongylina* Rud., 1819a, 646 (in *Cuculus seniculus*; Brazil).—Dies., 1851a, 235 (in *C. melacoryphus*; B., M. C. V.).—Linst., 1878a, 71.—Stoss., 1889l (m), 53 (18) (s. *Spiropt. affinis*).
- subalata* Schneid., 1866a, 62, 63, pl. 3 fig. 7 (s. *alata* Rud. pars) (stom., *Falco sp.*; Brazil).—Linst., 1878a, 118.—Seur., 1914, 247–249 (in Buse; San Martino, Corse); 1916, 142; 1916, 331.—Stoss., 1889l (m), 41 (6), pls. 1, 3 figs. 6, 26.
- tacapensis* Seur., 1917, CrSB, 214–215 (35–36) (in *Ctenodactylus gundi*; Sud-Tunisien).
- tenuicollis* Rud., 1819a, 30, 258–259, 647 (in *Falco haliaëtus*; Mus. Wien).—Dies., 1851a, 237.—Linst., 1878a, 114; 1909, 57 (in *Pandion haliaëtus*).—Stoss., 1889l (m), 53 (18) (in *P. h.*; Wien).
- terdentata* Mol., 1860d, 651 (in *Felis concolor*, *F. tigrina*; Brazil, M. C. V.).—Cobbold, 1879b, 309.—Drasche, 1883b, 127, pl. 8 figs. 17–18.—Linst., 1878a, 31; 1889a, 14; 1889c, 239.—Shipley, 1905, 98 (in *F. pardus*).—Stoss., 1889l (m), 46 (11), pls. 2, 3 figs. 15, 34.
- torquata* Leidy, 1886e, 312 (in *Meles labradorica*; [America]); 1904a, 192.—Linst., 1889a, 16 (in *M. l.*).—Stiles & Hass., 1894e, 343 (in *M. l.*).—Stoss., 1889l (m), 54 (19).
- truncata* Schneid., 1866a, 60, 64, pl. 3 fig. 3 (in stom. *Phasianus gallus*; Brazil).—Anacker, 1887c, 514.—Fiebiger, 1912a, 291 fig. 210.—Geddes, 1911a, 130 (in chicken; B.).—Hass., 1896a, 6 (in *Gallus dom.*).—Land., 1882, 23.—Linst., 1878a, 122.—Neum., 1900a, 515.—Nev.-Lem., 1912a, 731.—Rail., 1893a, 476; 1915, 736 (in chicken); 1915, 494.—Stoss., 1889l (m), 49 (14).

PHYSALOPTERA—Continued.

tumefaciens Henry & Blanc, 1912, BSPE, v. 5, 390-391 (in *Macacus cynomolgus*).—Seur., 1916, 143; 1917, CrSB, 210 (31).

turgida Rud., 1819a, 644 (in *Didelphis cayopolin*; Brazil).—Cobbold, 1879b, 433.—Dies., 1851a, 233 (in *D. myosurus*, *D. cancrivora*, *D. azaræ*).—Jägers., 1897b, 20.—Leidy, 1856b, 53; 1886e, 312; 1904a, 98 (s. *Spiropt. didelphidis-virginiana* (in *D. virginiana*; Ga.), 192 (in *D. v.*).—Linst., 1878a, 64, 65 (in *D. a.*, *D. c.*, *D. nudicaudata*, *D. v.*).—Mol., 1860d, 644-645.—Par., 1900c, 196 (in *D. a.*; Buenos Aires).—Schneid., 1866a, 62, pl. 3 fig. 2.—Smith, 1908, 268 (in *D. v.*).—Stiles & Hass., 1894e, 343 (in *D. v.*).—Stoss., 1889l, 43 (8); 1902, 10 (in *D. crassicaudata*).

varani Par., 1889c, 776 (12), pl. 3 fig. 16 (in stom., *Varanus bengalensis*; Palon).—Linst., 1904f, 5.—Seur., 1916, 337; 1917, CrSB, 47-48, 52 (21-22, 26) (s. *paradoxa*, *quadrovira*) (in *Chamaeleo vulg.*, *Cerastes cornutus*, *Varanus griseus*; Bou-Saâda).—Shipley, 1900, 560; 1905m, 846.—Stoss., 1900, 3.—Also reported for *V. indicus*.

PHYSALOPTERIDÆ Leiper, 1908, 192.—Cast. & Chalm., 1913a, 521.—F., S., & T., 1916a, 375, 460.—Skrj., 1916, 80.

PHYSALOPTERIDEA Dies., 1861a, 615.—Carus, 1863, v. 2, 460 (fam., contains *Physalopt.*).

PHYSALOPTERINÆ Stoss., 1898, 88.—Hall, 1916a, 199 (of Rail. & Henry, pars so. *Spirurinæ* Rail., 1915); 1916, RMv, 521.—Nev.-Lem., 1906a, 281; 1908, 417.—Rail., 1915, 735; 1915, 494.—Rail. & Henry, 1912, 562.—Skrj., 1916, 523.

PHYSOCEPHALUS Dies., 1861a, 619, 686-687 (mt. *sexalatus*) [not *Physocephala* Schin., 1861, dipt.].—Hall, 1916a, 218-219, 220 (type *sexalatus*).—Olss., 1869b, 488.—Rail. & Henry, 1911, BSPE, 697.—Seur., 1914, CrSB, 347; 1914, CrSB, 1018; 1916, 322, 330, 339, 340.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 130.

cristatus (Seur., 1912) Rail., 1915, IVC, 735 (in dromedary); 1915, RMv, 494.

gracilis (Rud., 1819) Neiva, Cunha, & Trav., 1914, 187-188 (in *Bradypus tridactylus*).

leptocephalus (Rud., 1819) Neiva, Cunha & Trav., 1914, 186-187 (in *Bradypus tridactylus*).

mediospiralis (Mol., 1860) Hall, 1916a, 219-220, fig. 287 (in *Dasyprocta agouti*; Brazil); 1916b, 520.

sexalatus (Mol., 1860) Dies., 1861a, 686-687 (in *Sus scrofa fera*, *Dicotyles albirostris*).—Ciurea, 1912, ZJ, v. 32, 285-294, 1 pl., 2 figs.—Cobbold, 1879, 407.—Hall, 1916a, 219, 220.—Hut. & Mar., 1913b, 477.—Rail., 1915, 735 (in donkey, dromedary, pig); 1915, 493.—Rail. & Henry, 1911, 697-698 (in porc; An-nam).—Seur., 1913, CrSB, v. 75, 517-520, figs. 1-4 (in *S. s.*, *E. asinus*); 1914, 632; 1914, CrSB, 391; 1914, 67, 69; 1914, CrSB, 1018; 1915, CrSB, 561, 563, 564; 1916, Bs, 298, 299, 302, 306, 318, 325-328, 329, 348, 354, 355, 359, 362 figs. 4, 5, 13, 1.3.4 (s. ? *Mastophorus globocaudatus*, *Spiropt.* (Fil.) *strigis*, *Trichina affinis*) (in *Ateuchus sacer*) (larva in *Scarabæus* (*Ateuchus*) *sacer*, *S. (A.) variolosus*, *Geotrupes douei*, *Ontophagus nebulosus*, *O. bedeli*; adult in l'âne, porc, dromadaire; Algeria).

PHYSOLOPTERA Westwood, 1851, 645 (for *Physaloptera*).

FIGURIS Schlotthauber, 1860, 126 (mt. *reticulata*).—Stiles & Hass., 1905b, 130.

armatum (Rud., 1802) Ward, 1895a, 340 (in *Equus cab.*).

reticulata Schlotthauber, 1860a, 126 (in colon, *Equus cab.*; Goett.).—Linst., 1878a, 56 (in *E. mulus*).—Ward, 1895a, 340 (in *E. c.*).

PLAGIORHYNCHUS Lûêhe, 1911a, 10, 25-26 (mt. *lanceolatus*).

lanceolatus (Linst., 1876) Lûêhe, 1911a, 27, figs. 29-31 (in *Charadrius dubius*, *C. hiaticula*, *Tringa alpina*).

PLATYCOMA Cobb, 1894c, 399-401 (mt. *cephalata*).—Stiles & Hass., 1905b, 130.

cephalata Cobb, 1894c, 399-401, figs. 7, i-iv (in marine sand; Bay of Nap.).—Southern, 1914a, 33-34, pl. 7 figs. 22 a-c (Clew Bay).—Stiles & Hass., 1905b, 130.

Plectiden Bûetsch., 1873a, 92.

- PLECTOIDES** Man, 1904b, 43, 44-46 (subg. of *Plectus*).—Stiles & Hass., 1905b, 130 (type probably *patagonicus*).
- antarcticus* Man, 1904, EAB, 8-10, pl. 2 fig. 2 (sur une algue d'eau douce: près du Cap Van Beneden, Terre de Danco, Détroit de Gerlache) to *Plectus* (*Plectoides*?); 1904b, 44.—Menz., 1914, AN, 58.
- belgicæ* Man, 1904, EAB, 10-12, pl. 3 fig. 3 (sur une algue d'eau douce: près du Cap Van Beneden, Terre de Danco, Détroit de Gerlache) to *Plectus* (*Plectoides*?).—Menz., 1914, AN, 58.—Steiner, 1916, ZA, 313-315, figs. 1a-b to *Plectus* (*Plectoides*).
- patagonicus* Man, 1904b, 41-45, 6 figs. (in Dungballen von *Gryptotherium darwini*; from Patagonia) to *Plectus* (*Plectoides*).
- PLECTUS** Bast., 1865c, 93, 118-121 (tsd., Stiles & Hass., 1905b, 130, *parietinus*) [not *Plectus* for *Plectris* Lepell & Serville, 1825, coleopt.].—Aur., 1883, v. 8, 5.—Bos, 1891, 8.—Büetsch., 1873a, 83-89.—Cobb, 1888a, 34; 1893a, 826-828 (49-51); 1893b, 265 (38-39).—Hofmæn., 1913, 622-623.—Jägers., 1909, 6, 22-23.—Man, 1876a, 145; 1876b, 68; 1912, 447.—Menz., 1914, 56-57.—Oerley, 1880a (b), 67, 68-69, 173 (55, 56-57, 161).—Rollest., 1870, 137.—Shipley, 1901b, 160.—Southern, 1909, v. 4, 91.—Stadelmann, 1891a (1892a), 19 (160).
- acuminatus* Bast., 1865c, 120, pl. 10 figs. 87-88 (in moss; Ing.).—Menz., 1914, AN, 58.—Oerley, 1880a (b), 76 (64) (so. *velox*).
- africanus* Daday, 1908, Mte, v. 26, 15-16, fig. 17a-b; 1910, v. 23, 49, pl. 2 figs. 23-24 (Kilima Ndjaro).
- antarcticus* Man, 1904, EAB, 8-10, pl. 2 fig. 2 (sur une algue d'eau douce: près du Cap Van Beneden) to (*Plectoides*).—Linst., 1907, AN, v. 2 (3), 172.—Steiner, 1916, ZA, v. 46, 313, figs. 1a-1b.
- armatus* Büetsch., 1873a, 90-91, pl. 7 fig. 45 (on roots einer Walderdbeere; [Germany]).—Marcinowski, 1909, v. 7 (1), 46 (an den Wurzeln von Walderdbeeren).—Oerley, 1880a (b), 69, 72 (57, 60).
- assimilis* Büetsch., 1873a, 93, pl. 8 fig. 54 (in Moos eines Baumstammes; by Büetsch.).—Oerley, 1880a (b), 69, 77 (57, 65).
- auriculatus* Büetsch., 1873a, 91, pl. 7 figs. 44a-b (in moss; Germany).—Hofmæn. & Menz., 1915, 177.—Jägers., 1909, 23, fig. 29.—Man, 1876a, 151-152; 1876b, 74-75, pl. 9 figs. 34a-b (Leiden).—Menz., 1914, AN, 56, 59, 60 (so. *otophorus*).—Oerley, 1880a (b), 69, 71 (57, 59).—Steiner, 1916, ZA, v. 46, 329; 1916, ZA, 343, 347, 348.
- belgicæ* Man, 1904, EAB, 10-12, pl. 3 fig. 3 to (*Plectoides*) (sur une algue d'eau douce: près du Cap Van Beneden).—Linst., 1907, AN (for 1901), v. 2 (3), 172.—Steiner, 1916, ZA, v. 46, 313-315, figs. 1a-1b? to (*Plectoides*).
- blanci* Hofmæn. in Hofmæn. & Menz., 1914, ZA, 82-83, figs. 3-4 (Lac de Joux).—Hofmæn. & Menz., 1915, 172-173, pl. 6 figs. 17a-d.
- cephalatus* Cobb, 1893a, 828 (51) (about roots of moss; N. S. Wales).
- cirratus* Bast., 1865c, 119, pl. 10 figs. 81-82 (aquatic; Bagshot).—Brakenhoff, 1914, 293-294.—Ditlevsen, 1912, 238.—Hofmæn., 1913, 623.—Hofmæn. & Menz., 1915, 169-170.—Jägers., 1909, 23-24, fig. 30.—Krüger, 1913, 118.—Man, 1876a, 146; 1876b, 69-70, pl. 8 figs. 30a-b (Leyden); 1907, 18.—Menz., 1914, ZA, 31, 34, 35, 40, 42, 57-58, 82.—Micol., 1913, 2, 7, 9, 11; 1914, ZJ, 454-461, pl. 11 figs. 7a-f, pl. 16 figs. 21a-h; 1915, ZJ, 261-262.—Oerley, 1880a (b), 69, 73 (57, 61), pl. 2 fig. 6.—Stefanski, 1916, ZA, 364, 368.—Steiner, 1916, v. 46, 314, 315; 1916, ZA, 342, 347.
- communis* Büetsch., 1873a, 91-92 (Germany).—Hofmæn. & Menz., 1915, 174-175.—Jägers., 1909, 23, 25, fig. 34.—Man, 1876a, 150-151; 1876b, 73-74, pl. 9 figs. 33a-b.—Menz., 1914, ZA, 32, 34, 35, 41, 59, 82.—Oerley, 1880a (b), 69, 74 (57, 62).
- de mani* Oerley, 1880a (b), 69, 76; 174 (57, 64, 162), pl. 1 figs. 2a-d.
- fusiformis* Bast., 1865c, 121, pl. 10 figs. 95-96 (in moss on roof; Sandhurst).—Man, 1876a, 148-149; 1876b, 71-72, pl. 8 figs. 31a-e (Leyden).—Menz., 1914, 58.—Oerley, 1880a (b), 69, 74 (57, 62).
- geophilus* Man, 1880a, 52 (in moist soil; Holland): 1907, 20.—Hofmæn. & Menz., 1915, 174.—Menz., 1914, AN, 32, 59, 82, 83.—Steiner, 1916, ZA, 342-343.—
- granulosus* Bast., 1865c, 120-121, pl. 10 figs. 93-94 (at roots of oats; Broadmoor Berks).—Brakenhoff, 1914, 291-293, pl. 2 figs. 11-12.—Büetsch., 1873a, 92-93, figs. 47a-c (an den Wurzeln von Pilzen und Moosen; Ing.).—Ditlevsen,

PLECTUS—Continued.

granulosus—continued.

- 1912, 234, 239, 243.—Hofmæn. & Menz., 1915, 168-169.—Man, 1876a (b), 145-146 (68-69), pl. 8 figs. 29a-c (Leyden).—Marcinowski, 1909, 41.—Menz., 1914, ZA, 56, 57, 58.—Micol., 1914, ZJ, 466-468.—Oerley, 1880a (b), 69, 71 (57, 59), pl. 2 fig. 5a-b.—Southern, 1914a, 6 (Clare Isl.).—Steiner, 1916, v. 46, 323, 324, 330, 331.
- hawaiiensis* Cobb, 1906, 165, 184-185 (about roots of diseased cane; Hilo, H. I.).
- insignis* Cobb, 1893b, 287-288 (38-39) (roots of plants; Australia).
- intermedius* Cobb, 1893a, 827 (50) (about roots of sugar cane; N. S. Wales).
- longicaudatus* Büetsch., 1873a, 92, pl. 6 figs. 38a-b (an den Wurzeln verschiedener Pilze; Ing.).—Brakenhoff, 1914, 294.—Man, 1876a (b), 149-150 (72-73), pl. 9 figs. 32a-c (Leyden); 1907, 18-19.—Oerley, 1880a (b), 69, 70, 174 (73, 78, 162), pl. 1 figs. 4a-b.—Steiner, 1916, v. 46, 329.
- meridionalis* Steiner, 1916, ZA, v. 46, 329-330, figs. 8a-b.
- minimus* Cobb, 1893a, 826 (49) (in soil; N. S. Wales).
- obtusicaudatus* Daday, 1899, Mte. v. 17, 569-570.
- ornatus* Büetsch., 1873a, 94, pl. 7 fig. 41 (on moss roots; Germany).
- otophorus* Man, 1880a, 55-56, 74 (s. *auriculatus*) (in sand; Holland).—Hofmæn. & Menz., 1915, 175-176.—Menz., 1913, ZA, 412-413; 1914, ZA, 32, 56, 59-60, 82, 83, 90.—Steiner, 1916, ZA, v. 46, 329.
- palustris* Man, 1880a, 51.—Hofmæn., 1913, 624-625.—Hofmæn. & Menz., 1915, 171.—Jægers., 1909, 23, 24-25, fig. 32.
- parietinus* Bast., 1865c, 8, 118-119, pl. 10 figs. 79-80 (Broadmoor, Berks).—Brakenhoff, 1914, 293.—Büetsch., 1873a, 8, 89-90, figs. 17, 46a-c, 39, 52 (in moss, etc.; Germany).—Cobb, 1888a, 34; 1893a, 826 (49); 1893b, 256 (7) (in celery; Sydney).—Ditlevsen, 1912, 239, 243.—Hofmæn. & Menz., 1915, 173.—Marcinowski, 1909, 41.—Menz., 1914, AN, 37, 38, 39, 42, 57, 83.—Oerley, 1880a (b), 69, 72-73, 174 (57, 60-61, 162), pl. 1 fig. 3 (so. *ornatus*).—Stefanski, 1916, ZA, 368.
- parvus* Bast., 1865c, 120, pl. 10 figs. 89-90 (in moss; Falmouth).—Hofmæn. & Menz., 1915, 171-172.—Jægers., 1909, 23, 25, fig. 33.—Man, 1906, 160; 1907, 19.—Micol., 1913, 11; 1914, ZJ, 464-466.—Oerley, 1880a (b), 69, 73-74 (57, 61-63).—Steiner, 1916, ZA, v. 46, 329.
- species* Menz., 1914, AN, 36-41.
- patagonicus* Man, 1904b, 41-45, figs. 1-6 to (Plectoides) (in Dungballen von *Grypotherium darwini*; from Patagonia); 1905a, 316.—Linst., 1907, v. 2 (3), 172 to (Plectoides) (Patagonia).
- pedunculatus* Hofmæn., 1913, 625-626, pl. 15 fig. 6a-d (aquatic; Leman).—Hofmæn. & Menz., 1915, 168.
- pusillus* Cobb, 1893a, 826-827 (49-50) (about roots of moss; N. S. Wales).
- rhizophilus* Man, 1880a, 52-53 (in earth; Holland).—Brakenhoff, 1914, 294.—Ditlevsen, 1912, 239.—Hofmæn. & Menz., 1915, 173-174.—Menz., 1914, AN, 39, 42, 58, 83.—Steiner, 1916, ZA, 343, 348.
- rivalis* (Duj., 1845) Bast., 1865c, 121 (aquatic; Paris, Toulouse, Rennes).—Oerley, 1880a (b), 69, 75 (57, 63).
- schneideri* Man, 1880a, 48-49 (in moist soil).—Menz., 1914, AN, 56, 57.—Steiner, 1916, ZA, v. 46, 330.
- species* Büetsch., 1873a, 16, pl. 20 fig. 41; 94-95, figs. 48a-b (grass roots; Germany).
- species* Man, 1907, v. 7, 18-19 (in l'étang des Fonceaux).
- species* Man in Richters, 1908a, 199-202, figs. A-D (free; Victoria, N. S. Wales).
- species* Menz., 1914, AN, 36-41.
- species* Rollet., 1888a, 678.
- species* Stefanski, 1916, ZA, 368.
- species* Steiner, 1916, ZA, 348 (cf. *cirratus*) (Jan Mayen); 1916, ZA, v. 46, 330-331, figs. 9a-c (free; Java).
- tenuis* Bast., 1865c, 119, pl. 10 figs. 83-84 (Sandhurst).—Brakenhoff, 1914, 294.—Hofmæn., 1913, 624.—Hofmæn. & Menz., 1915, 170-171.—Jægers., 1909, 23, 24, 25, fig. 31.—Micol., 1913, 11; 1914, ZJ, 461-464, pls. 16-17 figs. 22a-c; 1915, ZJ, 262-263.—Oerley, 1880a (b), 69, 75 (57, 63).—Plotnikov, 1901, 246.—Steiner, 1916, ZA, 339, 342 (Tunis).

PLECTUS—Continued.

- triplogaster* Oerley, 1880a (b), 69, 71, 174–175 (57, 65, 162–163).
tritici Bast., 1865c, 120, pl. 10 figs. 91–92 (in sheaths of leaves of wheat; Broadmoor, Berks).—Oerley, 1880a (b), 69, 75 (57, 63).
tubifer Cobb, 1914, TAMS, v. 33, 73, 87–88 (39, 54–55, 90), pl. 4 fig. 10 (Arlington, Va.).
velox Bast., 1865c, 119, pl. 10 figs. 85–86 (from moss; Falmouth).—Menz., 1914, AN, 58.—Oerley, 1880a (b), 69, 76, 175 (57, 64, 163).
- PLEUROMYARI** Linst., 1905cc, 272 (division of Nematoda): 1907, v. 3, 4; 1909 (15), 47, 77 (contains *Hystrichis*, *Trichoc.*, *Trichosoma*).
- PLEUROMYRI** Linst., 1905cc, 272 [for *Pleuromyarii*].
- PLEURORHYNCHUS** Rud., 1801a, 58 (for *Pleurorinchus*) [not *Pleuror.* Phill., 1836, mollusk]; 1809a, 18.—Stiles & Hass., 1905b, 130.
- PLEURORINCHUS** Nau, 1787a, 471–474, pl. 7 (typ. *Ophiostoma sphaeroccephalus*) (in inst. *Accipenser sturio*; by Nau).—Blainv., 1828a, 540 (type *O. s.*)—Stiles & Hass., 1905b, 130.
- POLYDELPHIS** Duj., 1845a, 221 (mt. *Asc. anoura*) (subg. of *Asc.*)—Baird, 1853a, 27.—Schn. id., 1866a, 42 (cf. *Asc. rubicunda*), 43 (cf. *Asc. quadrangularis*).—Stiles & Hass., 1905b, 130.
anoura Duj., 1845a, 221–222 to *Asc. (P.)* (in *Pithon bivitatus*; Paris Mus.).—Baird, 1853a, 27 (in *Coluber corais*) (to *Asc.*).
boddaërtii (Baird, 1861) Baylis, 1916, 416–417 (in *Herpetodryas boddaërtii*; W. India).
- species Liper, 1911, 620 (in *Python*; Zool. Gard. Lond.).
- POLYGORDIDÆ** Moore, 1904b, 519–520; 1905a, 24.
- POLYGORDIUS** Schneid., 1868a, 51 (type apparently *lacteus* [a complicated case of nomenclature, involving misdetermination]), pls. 2–3, figs. 1–14.—Bugge, 1902, ZJ, 218.—Cohn, 1907, 60, 61, 62.—Cori, 1902a, 361–365, 1 fig.—Giard, 1886b, 341–343.—Gotté, 1884a, 82, 97, 99, 100, 103, 104, 105, 106, 114, 120, 122, 123, 125, 148, 152, 156.—Stiles & Hass., 1905b, 130.—Villot, 1878, 5.
lacteus (Rathke, 1843, of Schneid., 1866) Schneid., 1868a, 52–56, 1 figs. 1–5 (s. *Rhamphogord. lacteus* Rathke of Schneid.).—Hempel., 1906, ZWZ, 527–618 (1–94), figs. 1–22, pls. 25–29 figs. 1–58; 1907, BIP, v. 5 (3), 128.—Stiles & Hass., 1905, 130.
purpureus (Schneid., 1866) Schneid., 1868a, 56–57, figs. 6–8 (Helgoland) [evidently not genotype].—Stiles & Hass., 1905b, 130.
species Schneid., 1868a, 52, 57–59, figs. 7–14 (Nizza).
triestinus Woltereck in Hempel., 1906, v. 84 (4), 605–609, 611, figs. 22, 57–58 (free; Trieste).—Hempel., 1906, 1–94; 1907, v. 5 (3), 128.
villoti Perrier, 1875, 1101–1105 (free; Roscoff).—Villot, 1878b, 7.
- POLYMORPHUS** Lûhe, 1911a, 10, 27–28 (mt. *minutus*) [not *Polymorphus* Roth, 1899, mammal: not *Polymorpha* Soldano, 1791, prot.]; 1912, ZJ, 286.—Skrj., 1913, 404.—Trav., 1915, Bm, 377 (3–4).
caryosoma Trav., 1915, 377 (4) (in *Nyctanassa violacea*; Brazil) [corrected in ink to *caryosoma* in reprint, p. 4].
corynoides Skrj., 1913, ZJ, 406–408, pl. 15 figs. 3, 6, pl. 16 figs. 7, 11 (in *Anas boschas*; Russian Turkestan).
magnus Skrj., 1913, ZJ, 404–406, 407, 408, pl. 15 figs. 1, 4, 5, pl. 16 fig. 10 (in *Fuligula rufina*; Russian Turkestan).
minutus (Zed., 1800a) Lûhe, 1911a, 28–30, 54, figs. 32–35 (in *Anas acuta*, A. *boschas*, A. *b. dom.*, *Branta bernicla*, *Cygnus cygnus dom.*, *Gallinula chloropus*, *Nyroca ferina*, N. *fuligula*, N. *marila*, *Oidemia fusca*, *Rallus aquaticus*, *Squatarola squatarola*); 1912, ZJ, 276, 286.—Fiebiger, 1912a, 305.—Ritchie, 1915, 34, 39 (in *Marca penelope*, *Gammarus pulex*; Scotland).—Skrj., 1913, 404, 405, 406, 408 (in A. *b. d.*).—Trav., 1915, 377 (3).
mutabilis (Rud., 1819) Trav., 1915, 377 (3).
species Lûhe, 1911a, 30, figs. 36–37 (in *Fulica atra*).—Trav., 1915, 377 (4).
species Skrj., 1913, ZJ, 408, fig. A (in *Vanellus cristatus*; Russian Turkestan).
striatus (Gœze, 1782) Trav., 1915, 377 (4).

¹ Schneid. examined original type specimen of *Rhamphogordius lacteus* and considers *Polygord.* distinct from *Rhamphogord.*

- POLYMYAIRES Galeb, 1878b, 309, 311, 380 (for Polymyarii).
- POLYMYARIII Schneid., 1866a, 23, 28-29, 51, 199, 331 (contains: Ancyracanthus, Asc., Caratospira, Cucullanus, Enoptus, Eustr., Fil., Hedruris, Het., Physalopt.).—Cobbald, 1879b, 4.—Linst., 1909, 63 (contains Hedruris).—Rollst., 1888a, 686.—Shipley, 1896a (1901b), 137.
- POMPHORHYNCHUS Mont., 1905d, 11 [no sp. given, type not clear]; in Porta, 1906a, 268, 269; 1907, 413 (cites *E. proteus*).—Lühe, 1911a, 11, 50; 1912, ZJ, v. 1, 272, 273 (seemingly considers *proteus* as type).—Van Cleave, 1917, v. 13(8), 237 (type is *proteus*=*laevis*).
- laevis* (Zoege, 1776) Porta, 1908, v. 3 (3), 225-232 (s. *Echinor. proteus*).—Bielcr, 1913, 554-559, pl. 41 fig. 3 (in *Barbus barbus*, *Gadus morrhua*, *Pleuronectes flesus*, *Thymallus thymallus*, *Zoarcis viviparus*); 1914, ZA, 415.—Fehlmann, 1912, SFZ, v. 20, 126-131, figs. 1-2.—Fiebiger, 1912a, 306.—Lühe, 1911a, 50-53, figs. 68-71 (in *Abramis vimba*, *Acerina cernua*, *Ac. schraetser*, *Acipenser sturio*, *Alburnus alburnus*, *Anguilla anguilla*, *B. b.*, *Coregonus wartmanni*, *Esox lucius*, *Luciscus cephalus*, *L. idus*, *Lotta lota*, *Lucioperca lucioperca*, *Perca fluviatilis*, *Pl. fl.*, *Salmo fario*, *S. lacustris*, *Silurus glanis*, *Z. v.*) (larva in *Gammarus pulex*; *Gastrosteus aculeatus*, *G. pungitius*, *Gobio gobio*, *Leuc. phoxinus*, *Nemachilus barbatula*, *Osmorus eplanus*, *S. f.*, *Tin. th.*, *Tinca tinca*); 1912, ZJ, v. 1, 227.—Riquier, 1909, Cfb, v. 52 (2), 248-252, figs. 1-3 (s. *E. proteus*) (in *Acip. st.*, *Cobitis barbatula*, *Cottus gobio*, *E. l.*, *G. a.*, *Gobius fluv.*, *Phoxinus laevis*, *T. vulg.*); 1909, v. 20, 61-70; 1910, Cfb, v. 46 (16), 500; 1910, BkW, v. 47 (18), 847; 1910, JRMS, (1), 37.—Van Cleave, 1916, JP, v. 2 (3), 107.
- turbinella* (Dies, 1851) Leiper & Atkinson, 1915, 31, pl. 2 fig. 10 (in humpback whale; Bay of Isl., New Zealand).
- POMPONEMA Cobb, 1917n, May 8, 118 (tod. mt. mirabile).
- mirabile* Cobb, 1917n, 118, fig. 3 [in marine sand and mud; Woods Hole].
- PONTAMONEMA Linst., 1878a, 349 (confusion of Potamonema and Pontonema).
- marinum* (Leidy, 1855) Linst., 1878a, 349.
- mülleri* (Dies, 1861a) Linst., 1878a, 349.
- nitidum* (Leidy, 1856) Linst., 1878a, 349.
- PONTONEMA Leidy, 1855b, 144 (? tsd. vacillatum); 1856b, 49; 1904a, 78, 93.—Schneid., 1866a, 51.—Stiles & Hass., 1905b, 131.
- marinum* Leidy, 1855b, 144 (in oyster bed; Atlantic City, N. J.); 1856b, 49; 1904a, 78, 93.—Bast., 1865c, 174.—Dies., 1861a, 623.
- mülleri* Dies., 1861a, 623 (s. *Anguillula marina*).—Bast., 1865c, 174.
- vacillatum* Leidy, 1855b, 144 (beneath stones, between tides; Point Judith); 1856b, 49; 1904a, 78, 93.—Bast., 1865c, 174 (marine; Rhode Island).—Dies., 1861a, 623.—Linst., 1878a, 349.
- PORROCÆCUM Rail. & Henry, 1912, BSPe, 256 (mt. crassum).—Skrj., 1916, 483.
- crassum* (Desl., 1824) Rail. & Henry, 1912, 256.—Rail., 1915, 734 (in duck); 1915, RMv, 491.
- numidicum* Seur., 1917, CrSB, v. 80 (2) 94-97 (27-30), figs. 1-3 (in *Rana ridibunda*; Algeria).
- species* Skrj., 1916, 483, fig. 15 (in *Circus cinereus*; Aoulie-ata).
- POTAMONEMA Leidy, 1856b, 49 (mt. nitidum); 1904a, 93.—Schneid., 1866a, 51 (so. Enoplus).—Stiles & Hass., 1905a, 131.
- nitidum* Leidy, 1856b, 49 (in Schuykill River; near Phila.); 1904a, 93, 131.—Bast., 1865c, 175 (in S. R., P.).
- PRIONCHULUS Cobb, 1916, JP, 196 (tod. muscorum) (subg. of Mononchus); 1917n, 454.
- longicollis* Cobb, 1917n, 438, 454, 465, 466, fig. 39 to M. (P.) (about roots of pitcher plants and tamarack; Wisconsin).
- muscorum* (Duj., 1845) Cobb, 1916, 196; 1917n, 438, 439, 443, 454, 465, figs. 6, 7, 37 to M. (P.).
- muscorum microlaimus* Cobb, 1917n, 438, 465 (misprint macrolaimus), fig. 38 to M. [(P.)] (in *Cladonia rangiferina*; Wisconsin).
- punctatus* Cobb, 1917n, 438, 454, 464-465, figs. 36, 36a to M. (P.) (s. *M. papiliatus* Bast. of Brakenhoff) (among roots of *Alopecurus denticulatus* and aquatic; Germany).
- spectabilis* (Ditlevsen, 1912) Cobb, 1916, JP, 196; 1917n, 435, 438, 454, 466, fig. 40 to M. (P.) (Hellerup, near Oresund, Denmark).

- PRIONODERMA** Rud., 1809a, 8, 30-31, 32, 43, pl. 12 fig. 2 (mt. ascaroides); 1810a, 254-256.—Blainv., 1828, 534-535.—Cuv., 1817a, 35.—Deslch., 1824nn, 656-657; 1828g, 283.—Dies., 1850a, 609 (so. Pentastoma).—Duj., 1845a, 285.—Hémont, 1827a, 8.—Rail. & Henry, 1915, BSpE, 272, 273.—Stiles & Hass., 1905b, 131.—Westwood, 1851, 645.
- ascaroides* (Goeze, 1782) Rud., 1810a, 254-256, pl. 12 fig. 3 (s. *Cochlus armatus*, *Goezia armata*, *Tænia cucullanus*) (in stom., *Silurus glanis*; by Goeze).—Blainv., 1828, 534.—Duj., 1845a, 285-286.—Rail. & Henry, 1915, 272.—Cf. *Nematoideum siluri-glanidis*.
- lanceolata* (Blainv., 1828) Dies., 1850a, 610 (so. *Pent. tænioides*).—Anacker, 1890m, 506.—Baird, 1853a, 38 (so. *Linguatula rhinaria*).—R. Bl., 1890a, 261.
- rhinarium* (Pilger, 1803) Rud., 1810a, 358, 373 (see *Linguatula*).
- tænioides* (Rud., 1809) Rud., 1819a [123], 804 to *Pentastoma*).
- PRISMATOLAIMUS** Man, 1880a, 31-33 (tsd. intermedius); 1907, 38, 80.—Cobb, 1893b, 286-287 (37-38).—Hofmæn., 1913, 614-615.—Jægers., 1909, 5, 15.—Stiles & Hass., 1905b, 131.
- aquaticus* Daday, 1896, Mte, v. 14, 414.
- australis* Cobb, 1893b, 287 (38) (roots of plants; Australia).
- digitatus* Cobb, M. V., 1915, 45-46 (Douglas Lake, Mich.).
- dolichurus* Man, 1880a, 32-33 (in moist soil; Holland); 1907, 17.—Brakenhoff, 1914, 288.—Ditlevsen, 1912, 234-235, pl. 3 fig. 18.—Hofmæn., 1913, 615-616.—Hofmæn. & Menz., 1915, 156.—Jægers., 1909, 15, fig. 18.—Micol., 1914, ZJ, 431-433.—Steiner, 1916, ZA, 343.
- dolichurus bulbosus* Daday, 1896, Mte, v. 14, 413-414.
- hawaiiensis* Cobb, 1906, 165, 182-184, figs. 90, 91 (about roots of diseased cane; Hilo, H. I.).
- intermedius* (Büetsch., 1873) Cobb, 1893b, 286-287 (37-38), pl. 39 figs. 1-8 (in soil about banana plant; Fiji).—Hofmæn., 1913, 615.—Hofmæn. & Menz., 1915, 157.—[Man, 1880a, 31-33.]
- intermedius* (Man, 1880) Daday, 1905, Mte, v. 23, 325.
- macrurus* Daday, 1899, Mte, v. 17, 568-569; 1905, v. 23, 325.
- microstomus* Daday, 1905, Z, v. 18, 57-58, pl. 3 figs. 5-7 (fresh water; Paraguay); 1905, Mte, v. 23, 325-326.
- nodicaudatus* Daday, 1899, Mte, v. 17, 567-568.
- papuanus* Daday, 1899, Mte, v. 17, 567.
- stenurus* Cobb, 1914, TAMS, 73, 78-80 (39, 44-46, 88), pl. 3 fig. 4 (in roadside pool; Douglas Lake, Mich.).
- PROBOSCIDEA** Brug., 1791 96 [type is in doubt] [not Proboscidea Les., 18—, worm; Latr., 1809, dipt., supergeneric; Ill., 1811, mammal, superg.; Spix, 1823, mammal; Schmidt, 1832, mollusk; Trosch., 1848, mollusk; Proboscidea Bory, 1824, rotifer.].—Bosc, 1802a, 43-44.—Cuv., 1798, 637-638.—Deslch., 1824oo, 657; 1828f, 286.—Dies., 1851a, 19 (so. *Echinor.*).—Goldb., 1855a, 107.—Knoch, 1862d, 31.—Lam., 1801a, 340 (of Cuv., 1798).—Stiles & Hass., 1905b, 131, 132 (? type bifida).
- alcæ* (Müll., 1776) Brug., 1791a, 98, pl. 32 figs. 19-20 (in *Alca pica*).—Bosc, 1802a, 45.—Dies., 1851a, 336 (so. *Nematoideum alcæ-picæ*).—Lühe, 1905b, 335 (ot (Fabr.) Brug., to *Echinor.*); 1905, 165.—Rud., 1809a, 306 (to E.).
- bifida* (Fabr., 1780) Brug., 1791a, 97, pl. 32 figs. 9-10 (in *Phoca grœnlandica*).—Bosc, 1802a, 44, pl. 12 figs. 4-5.—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Lam., 1801a, 340 (s. *Asc. bifida*).—Rud., 1809a, 119 (of Fabr., 1780 so. *Ophiost. dispar*), 248 (of Müell. so. *Lior. gracilescens*).
- gadi* (Zœga in Müell., 1776) Brug., 1791a, 98, pl. 32 figs. 15-16.—Baird, 1853a, 25 (so. *Asc. clavata*).—Bosc, 1802a, 45.—Dies., 1851a, 177 (so. A. c.).—Rud., 1809a, 183 (so. A. c.).
- marina* (Linn., 1767) Brug., 1791a, 98, pl. 32 figs. 21-23 (in maris littoribus Norvegicæ).
- pleuronectis* (Müll., 1776) Brug., 1791a, 97, pl. 32 figs. 13-14 (in *Pleuronectes platessa*).—Bosc, 1802a, 45.—Lühe, 1905b, 335.—Rud., 1809a, 311 (so. *Asc. pl.-platessoides*).
- rajæ* (Fabr., 1780) Brug., 1791a, 97, pl. 32 figs. 11-12 (in *Raja fullonica*).—Bosc, 1802a, 45.—Rud., 1810a, 270 (so. *Vermis dubius rajæ-fullonica*).
- rubra* Bosc, 1802a, 45 (in stom., gade barbu; Müell., pl. 3 figs. 1-3).

PROBOSCIDEA—Continued.

tubifera (Fabr., 1780) Brug., 1791a, 97, pl. 32 fig. 8 (in *Phoca barbata*).—Crep., 1844a, 129.

versipellis (Müell., 1777) Brug., 1791a, 98, pl. 32 figs. 17–18 (in *Gadus barbatus*).—Baird, 1853a, 66 (= *Echinor. acus*).—Bosc, 1802a, 45 (in intest. of *gade barbu*).—Dies., 1851a, 40 (so. E. a.).—Lüthe, 1905b, 335 (= *E. candidus*).—Porta, 1905a, 171 (so. E. a.).—Rud., 1809a, 279 (so. E. a.).

PROBOSCIDEUS Bosc [nv.].—Raf., 1815a, 151 (genus of *Filaridia*).

PROBSTMAYRIA Rans., 1907f, 33–39 (tod. vivipara).—Gedølst, 1911, 104.—Rail., 1916, RMv, 520.

vivipara (Probstmayr, 1865) Rans., 1907f, 33–40, pl. 2 figs. 1–8 (in horse; U. S. A.); 1909, RMv, 336.—Gedølst, 1911, 104, fig. 145 (in donkey, h.).—Pillars, 1911, VN, v. 8, 581–582; 1911, VR, v. 24, 210.—Rail., 1909a, 336; 1915, 736 (in d., h.); 1915, RMv, 494.

PROCTUCHA Dies., 1851a, 4, 59 (subo. of *Rhyngodea*). 78 (subo. of *Nematoidea*); 1861a, 144.—Mol., 1858d, 144 (subo. of *Nematoidea*, for *Gamonematoidea*); 1861c, 275.—Polonio, 1860a, 227 (subo. of *Cephalocotylea*, contains *Pentast.*).—Schneid., 1866a, 26 (Dies.).

PROLEPTUS Duj., 1845a, 42, 105 (tsd. *acutus*) [not *Prolepta* Walk., 1851, hemipt.].—Ben., 1858a, 1861a, 269.—Linst., 1902a, 220 (s. *Coronilla*, *Histioc.*, *Spiropterrina*); 1906, CFB, in 749–752, pl. 1; 1907, v. 2, 324.—Mol., 1857a, 151.—Oerley, 1885a, 104.—Schneid., 1866a, 79.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 30, 132 (type *acutus*).

acutus Duj., 1845a, 105 (in *Raja clavata*; Rennes).—Dies., 1851a, 206 (in *Raja c.*; R.).—Krøyer., 1852–53a, 976 (in R. c.).—Linst., 1902a, 220 (a *Spiropterrina*).—Oerley, 1885a, 104.

gordioides Ben., 1858a, 1861a, 269–270, 337 (in *Galeus canis*; Ing.); 1870, 6, pl. iii fig. 10.—Oerley, 1885a, 104, 109 (in G. c.).

obtus Duj., 1845a, 105 (intest., *Scyllium catulus*; Cette, Mediterranean).—Dies., 1851a, 206.—Oerley, 1885a, 104.

robustus (Ben., 1871) Seur., 1916, 348.

tortus Linst., 1906, v. 41, 750–751 fig. 5 (in intestine, *Istudo ornata*; Ing.).

PRONOMENIDA Mont., 1905d, 11 (order, contains *Echinorhynchidæ*, *Giganthorhynchidæ*, *Neorhynchidæ*).

PROSHECOSA (TER Gerv. & Ben., 1859b, 117 (misprint for *Prosthecosacter*).

PROSTENORCHIS Trav., 1915, Bm. v. 29, 105 (4) (tod. mt. elegans).

elegans (Olfers, 1819 [? Dies., 1851]) Trav., 1915, 105 (4) [Trav. gives *elegans* Olfers, 1819, as type, possibly lapsus for Dies., 1851].

PROSTHECOSA (TER Dies., 1851a, 82, 322–325 (tsd. minor) (s. *Pharurus*, *Pseudalius*, *Stenurus*, Str.).—Carus, 1863, v. 2, 464 (s. Ps., Sten.).—Goldb., 1855a, 113.—Leuck., 1867b, 74.—Linst., 1889c, 235.—Mol., 1861, 13, 170–174.—Rail. & Henry, 1912, 566.—Schneid., 1866a, 126, 172.—Stiles & Hass., 1905b, 47, 132 (type minor).

alatus (Leuck., 1848) Dies., 1851a, 324–325 (in *Monodon monoceros*; Mus. Gætt.); 1860, 719; 1861a, 717 (to *Pharurus*).—Cobbold, 1879b, 423.—Mol., 1861a (b), 602 (178) (in M. m.; M. G.).—Stoss., 1899d, 65 (11) (to *Pseudalius*).

convolutus (Kuhn, 1829) Dies., 1851a, 324 (in *Delphinus phocæna*; by Kuhn); 1861a, 719 (to *Stenurus*).—Baird, 1853a, 111 (in *Phocæna com.*).—Cobbold, 1858b, 167 (in D. p.; Firth of Forth); 1866b, 6 (in porpoise); 1876, 92, pls. 6–7; 1879b, 423, 424, figs. 70, 71.—Mol., 1861a (b), 601–602 (177–178) (in D. p.; Belgium).—Schneid., 1866a, 174.—Scott, 1909, 89.—Stiles & Hass., 1894e, 346 (in P. *phocæna*).

inferus (Rud., 1809) Dies., 1851a, 323 (s. *Pseudalius filum*) (in *Delphinus phocæna*; M. C. V.); 1861a, 719 (to *Pseudalius*).—Baird, 1853a, 111 (in *Phocæna com.*).—Ben., 1858a, 1861a, 275, 277, 337, pl. 24 figs. 1–9.—Cobbold, 1858b, 167 (in D. p.; Firth of Forth); 1866b, 6 (in D. p.); 1879b, 423, 425.—Leidy, 1858a, 112; 1904a, 114.—Mol., 1861, 174–176, pl. 8 figs. 8–9.—Schneid., 1866a, 173.—Scott, 1909, 89.—Stiles & Hass., 1894e, 346 (in P. *phocæna*).—Stoss., 1899d, 64 (10) (to Ps.).

minor (Kuhn, 1829) Dies., 1851a, 323–324 (s. Str. *inflexus*, S. *vagans*, *Stenurus inflexus*) (in *Delphinus phocæna*); 1861a, 719, (to *Stenurus*).—Baird, 1853a, 110.—Cobbold, 1866b, 6 (in porpoise); 1876, 89; 1879b, 423, 425, 427.—Leidy, 1858a, 112; 1904a, 114.—Mol., 1861b, 176–177, pl. 8 figs. 10–11.—Scott, 1909, 89.—Stiles & Hass., 1894e, 346 (in D. p.).—Stoss., 1898c, 85 (to *Pseudalius*); 1899d, 63 (9) (to Ps.).

- PROSTHECOSACTERES Dies., 1861a, 718 (phalanx 1 of Eustrongylidea, contains Prosthecosacter).
- PROSTHENORCHINÆ Trav., 1915, Bm, v. 29, 137 (1) (subf. of Gigantorhynchidæ) (contains Prostenorchis).
- PROSTHENORCHIS Trav., 1915, Bm, v. 29, 137 (1) (Prosthenorchinæ) [no sp. given] (see Prostenorchis).
- PROSTHORHYNCHUS Kostylev, 1916, AMz Petrograd, 389-390 (type not determined) (Acanthocephali).
- rossicus* Kostylev, 1916, 392-393, figs. 5-7 (in Corbeau; Jekaterinoslav).
- scolopacidis* Kostylev, 1916, 390-392, figs. 1-4 (in Scolopax sp.; Lac Sankoul, Pichpek).
- PROTERACRUM Rail. & Henry, 1913, BSPE, v. 6, 507 (subg. of Oesophagostomum, contains columbianum, radiatum) [combinations not made].
- PROTHELMINS Linst., 1888a, 11-12 (mt. profundissima).—Stiles & Hass., 1905b, 132.
- profundissima* Linst., 1888a, 11-12, pl. 2 figs. 8-10 (free; Challenger Expedition).
- PROTOSPIRURA Seur., 1914, CrSB, 344-347 (mt. tod. numidica) (Spiruridæ); 1914, Dec. 11, 524; 1914, CrAS, 1017, 1018; 1915, 14; 1916, 339.—Hall, 1916a, 40, 42, 191, 199, 203, 204, 207.
- ascarioidea* Hall, 1916a, 203, 207-212, 225, figs. 269-276 (in Geomys breviceps; Okla.).
- labiodentata* (Linst., 1899) Hall, 1916a, 203-204, 225, fig. 264 (in Mus navalis; Egypt).
- muris* (Gmel., 1790) Seur., 1915, CrSB, 565; 1916, 309-310, 348, 351, 354, 358 (s. Spiropt. obtusa) (in Tenebrio molitor); 1916, CrSB, 143-146 (s. Fil. obtusa, Spiropt. o.) (in Mus decumanus; Alger).—Hall, 1916a, 203, 204-207, 210, 225, figs. 265-268 (in Apodemus sylvaticus, Epimys alexandrinus, E. norwegicus, E. rattus, E. siporanus, Mus musculus; Europe, Africa, U. S. A.).
- numidica* Seur., 1914, CrSB, v. 77, 344-347, figs. 1-5 (in Felis ocreata; Sétif); 1914, 1016, 1017, 1018; 1916, CrSB, v. 79 (3), 143-146, figs. 1-5 (in Arvicanthus barbarus, F. o.); 1916, 308-309, 348, fig. 9 (in Chat ganté; Algeria); 1917, BSHNA, 21 (in F. o., Genetta afra bonapartei; Sétif, Alger).—Hall, 1916a, 203, 225.
- PROTOSPIRURINÆ Seur., 1916, CrAS, 143.
- PROTOSTRONGYLUS Leiper, 1908, RWRL, 191 (g. of Metastrongylinae) [no sp. given here].
- PROTUCHA Dies.—Goldb., 1855a, 107 (subo. of Rhyngodea), 128.—Mol., 1858, 144; 1861c, 275 (subo. of Nematoda).—Polonio, 1860, 227.—Schneid., 1866a, 26.
- PSEUDALIIDÆ Rail., 1916a, 521.
- PSEUDALIINÆ Rail. & Henry, 1909a, 85 (subf. of Strongylidæ); 1910, v. 3 (5), 311; 1912, AdP, 563, 564, 566 (contains: Pseudalius, Prosthecosacter, Pharurus).
- PSEUDALINÆ Rail. & Henry, 1912, 566 (see Pseudaliinæ).—Trav., 1914, 3.
- PSEUDALIUS Duj., 1845a, 106, 134-135 (mt. filum) [not Pseudalus Schaus., 1896, ins.].—Althaus, 1864a, 9; 1864b, 362.—R. Bl., 1888a, 777.—Dav., 1863, 131.—Dengler, 1863, 20.—Dies., 1851a, 322 (so. Prosthecosacter); 1861a, 719 (subg. of Prosth.).—Fiebiger, 1912a, 224.—Leuck., 1868a, 510.—Linst., 1889c, 235; 1900c, 82.—Martini, 1903, 558.—McCrary, 1874a, 189.—Rail. & Henry, 1912, 566.—Rollest., 1888a, 676, 683, 686.—Schneid., 1866a, 30, 126, 127, 165, 172-173, 196, 241, 244.—Shipley, 1896a (1901b), 135, 142, 163.—Stiles & Hass., 1905b, 132.—Stoss., 1898c, 85; 1899d, 55, 63.
- alatus* (Leuck., 1848) R. Bl., 1895b, 129 (in cranial cavity, Monodon alatus).—Linst., 1888f, 15-17, pl. 16 figs. 1-6 (in M. monoceros; Greenland); 1906, v. 47, 114.—Shipley, 1905k, 98, 102 (in M. m.; G.).—Stoss., 1899d, 65-66 (11-12) (in M. m.).
- arcticus* (Cobb, 1888) Linst., 1906 (1907), v. 47, 114.
- bicostatus* Linst., 1906 (1907), v. 47, 114, fig. 7 (in Phocæna communis; Pillau).
- capillaris* Müell., 1889a, 282-288, pl. 7 figs. 1-2 (s. Nematodeum ovis pulmonale, Pseudalius o. p.) (in Gemse, sheep).—Hut. & Mar., 1906a, 54; 1910b, 69.—Linst., 1896, 17.—Schlegel, 1899a, 139, 140, 141, 142.—Schneidem., 1896a, 317 (so. Ps. o. p.).

PSEUDALIUS—Continued.

convolutus (Kuhn, 1829) Schneid., 1866a, 174, pl. 12 fig. 8 (in *Delphinus phocæna*).—R. Bl., 1895b, 128.—Braun, 1891, 111.—Linst., 1906, v. 47, 114.—Martini, 1907, ZwZ, 1, 19.—Stiles, 1892f, 147.—Stoss., 1899d, 65 (11) (in *Globicephalus svineval*, *Phocæna com.*; Baltic).

flum Duj., 1845a, 135 (s. *Str. inflexus* Rud. pars, *S. inf. Crep. pars. S. major*) (in *Delphinus phocæna*; Mus. Paris).—Bail., 1866b, 83.—Baird, 1853a, 111 (so. *Prosthecosacter inf.*).—Dav., 1877a, 314 (in Marsouin).—Dengler, 1863a, 20 (in M.).—Dies., 1851a, 323 (so. *Pr. inf.*).—Schneid., 1866a, 126, 173 (so. *Str. inf.*).—Verrill, 1870, 173.

gymnurus Rail., 1899d, 129–130 (in *phoque commun* [*Phoca vitulina*]; Paris).—Linst., 1906, v. 47, 114.

inflexus (Rud., 1809) Schneid., 1866a, 166, 173–174, 196, 200, 213, 250, 300, pl. 12 fig. 10, pl. 16 fig. 12.—R. Bl., 1895b, 127–128 (of Raspail, 1829, in D. p.).—Braun, 1891e, 111 (in P. c.; Warnemünde).—Linst., 1880a, 49, pl. 3 fig. 15 (in *Delphinus phocæna*, *Phocæna com.*) [quotes Duj. as author of species]; 1893a, 312–313, 1 fig.; 1893b, 634 (development); 1894a, 1–32; 1906, v. 47, 114.—Martini, 1906a, 713; 1907, ZwZ, 1, 5, 19.—Müch., 1898b, 10, 48–49 (in P. c.).—Rollest., 1888a, 679.—Stoss., 1899d, 64–65 (10–11) (in P. c.; Baltic, North Sea, American coast of Atlantic).—Reported for *Phocæna phocæna*.

minor (Kuhn, 1829) Schneid., 1866a, 174–175, pl. 12 fig. 7 (s. *Stenus inflexus*) (in *Delphinus phocæna*).—R. Bl., 1895b, 128.—Linst., 1880a, 48, pl. 3 figs. 13–14 (in D. p., *Phocæna com.*); 1889c, 235–238, pl. 16 figs. 1–8 (in P. c.); 1906, v. 47, 114.—Martini, 1906a, 704; 1907, ZwZ, 1, 3, 9, 13, 19, 28, 38, pl. 1 figs. 1–49, pl. 3 figs. 82b–c; 1908, v. 32 (19), 552.—Müch., 1898b, 49 (in P. c.).—Müell., 1889a, 292 (in D. p.).—Stoss., 1897, 6–7; 1898c, 85 (in *Grampus griseus*; Fasana); 1899d, 63–64 (9–10) (in P. c., G. g.; Prussia, F.).

osleri (Cobbold, 1879) Rail., 1915, IVC, 744 (in dog); 1915, RMv, 505.

ovatus Linst., 1910, CfB, v. 55 (2), June 24, 133–135, figs. 1–3 (in *Delphinus tursio*; Portoferraio, Elba).

ovis Brown, 1897a, 21, 23, 30–33 (in sheep) (apparently for *o. pulmonalis*), fig. 12.—Wing, 1898a, 167, 168–169 (in lungs of sheep).

ovis pulmonalis (Dies., 1851) Koch, 1883a, 9–19, pl. 2 (in *Ovis aries*; Austria).—Brown, 1897a, 31, 32, 33 (in O. a.).—Dewitz, 1892b, 135, 167, 170, 173–177, figs. 103, 132–137.—Fiebiger, 1912a, 261.—Hall, 1916a, 166 (so. *Synthetocaulus rufescens* Leuck.); 1916, RMv, 519.—Hut. & Mar., 1906a, 54; 1910b, 69.—Kæstenbaum, 1899, 249 (in s.).—Motz, 1886b, 613 (*Pseudulius*).—Laulanie, 1886a, 85.—Rail., 1884e, 161 (so. *Str. rufescens*); 1888c, 101 (so. S. r.); 1893a, 427 (so. S. r.).—Rickmann, 1908, 208.—Schlegel, 1899a, 139, 141, 142.—Schneidem., 1896a, 317–318 (s. *capillaria*, S. r., S. o. p., *Nematodeum o. p.*) (in goat, Gemse, Rehe, sheep).—Stoss., 1899d, 91 (37) (so. S. r.).—Wing, 1898, 167, 168.—Ward, 1895, 305 (so. S. r.); 1895, 337 (in O. a.).

pubis Dolley, 1894a, 1006 (quotes Dav., apparently lapsus for *trichina* 1863) (so. *Trichina spiralis*) (in cat, dog, Homo, mouse, rat).

pulmonalis (Cobbold [nv.]) Rail., 1916, RMv, 519.

trichina Dav., 1863a, 117–142 (in Homo); 1863b, 58–59, 75–78, 130–131, 174–177 (for *Trichina spiralis*).—Althaus, 1864, 9; 1864, 362.—Bail., 1866b, 83.—R. Bl., 1888a, 787.—Brumpt, 1913a, 479.—Cobbold, 1866a, 5 (so. T. s.).—Dengler, 1863a, 20 (in H.).—Dunglison, 1893, 922; 1895a, 922 (s. T. s.).

tumidus Schneid., 1866a, 174, pl. 12 fig. 9 (in *Delphinus phocæna*; Kiel).—Linst., 1906, v. 47, 114.—Martini, 1907, ZwZ, 119.—Müell., 1889a, 291 (says n. sp. but quotes Schneid., 1866a, 174) (in D. p.).—Stoss., 1899d, 66 (12) (in *Phocæna com.*; Kiel).

PSEUDOECHINORHYNCHUS Gœze, 1782a, 41 (*Tænia hæruca* Pall.), 138–139, pl. 9 fig. 12 (s. see muris, cf. *Cystic. fasciolaris*).—Deslgch, 1824pp, 657.—Dies., 1851a, 54.—Duj., 1845, 502.—Looss, 1902m, 756.—Lühe, 1904, 250, 335; 1905b, 225, 260, 335 (= *Echinor. hæruca*, *hæruca muris*) (so. C. f.).—Rud., 1809a, 19, 302; 1819a, 76 (= *Echinor. muris*).—Schneid., 1866a, 11.—Slawikowski, 1819b, 56 (*Pseudoechinorhynchus*).—Stiles, 1905z, 23; 1906a, 36; 1906a, 43.—Stiles & Hass., 1905b, 132.—Stiles & Stev., 1905a, 7, 11.—Wes-trumb, 1821a, 39 (= E. m.).

PSEUDOECHINORHYNCHUS Lam., 1801a, 336.—Slawikowski, 1819b, 56 (for *Pseudoechinorhynchus*).

- PSEUDOMERMIS** Man, 1903, 61 (? mt. zikoffi) [nv.].—Corti, 1906, v. 19 (20), 628.—Daday, 1911, v. 19, 490; 1913, 244, 256.—Linst., 1903, CfB, 530.—Stiles & Hass., 1905b, 132.—Zykov, 1903a, 61.
- pusilla* Linst., 1906, v. 3 (2), 248, pl. 5 figs. 25, 26 (in insects; Nyassa-See, Langenburg, D. Ost-Afrika).—Daday, 1913, 224, 256.
- zikoffi* Man, 1903, 61 [nv.].—Daday, 1913, 216, 218, 224, 231, 235, 237, 256–257.—Linst., 19040, 490–491.—Zykov, 1903a, 61–64, pl. 1 figs. 1–4.
- PSEUDONYMUS** Dies., 1857a, 10 (mt. spirotheca).—Rail. & Henry, 1916, CrSB, 114 (type s.) (syns., Ptychocephalus, Helicothrix).—Stiles & Hass., 1905b, 132.
- spirotheca* (Györy, 1856) Dies., 1857a, 9–10.—Rail. & Henry, 1916, 114.
- PSEUDORHABDITIS** Perronc., 1880y, 267, 279 (mt. stercoralis); 1881w, 499–519, pl. 19 figs. 1–8 (mt. Anguillula stercoralis).—Braun, 1895b, 215 (=Strongyloides).—Cast. & Chalm., 1910a, 404; 1913a, 519.—Rail., 1893, 556 (so. S.).—Rans., 1911a, 104 (so. S.).—Sl. & Sw., 1912a, 367.—Stiles & Hass., 1905b, 132.
- intestinalis* (Bavay, 1877) Perronc., 1881w, 504, 507, 512–516.—Brumpt, 1910a, 430; 1913a, 491.—Linst., 1905n, 533 (to Strongyloides).
- stercoralis* (Bavay, 1876) Perronc., 1880y, 267–285, figs. 33–36; 1881w, 499–519, pl. 19 figs. 1–8; 1912, 51–71, figs. 1–4, pl. 29.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1913a, 491.—Cast. & Chalm., 1910a, 404; 1913a, 519.—Dollfus, 1912, BSzF, 25.—Golgi & Monti, 1885a, 56.—Looss, 1905, 189 (to Strongyloides).—Rail., 1893a, 557.—Silvestri, 1895, 33.—Ward, 1895, 323; 1895, 331; 1903, 208.
- PSEUDORHABDITIS** n. g. Szűets, 1912, 98 (mt. entzi) [nv.].
- entzi* Szűets, 1912, v. 11, 81–84, figs. 1–8 (parasitic) [nv.].
- Pseudostongyles** Leiper, 1912, JLSTM, 117.
- PSEUDOSTRONGYLUS** Cast. & Chalm., 1913a, 561 (of superf. rank, contains Eustrongylidae).
- Pseudo-trichinae** Huber, 1896a, 620 (see under Trichina, not used in generic sense but as false trichinae).
- PSEUDULIUS** Motz, 1886b, 613 (misprint for Pseudalius).
- PTEROCEPHALÆ** Dies., 1851a, 144 (contains Oxyercæ & Euascaridae), 663–666, 172.—Mol., 1861c, 279 (91) (section of Ascaris).
- PTEROCEPHALUS** Linst., 1899b, 12–13 (mt. viviparus) [not Pterocephalus Schneid., 1887, protozoon; Raw, 1908, arachn.; not Pterocephala Swains., 1839, fish].—Stiles & Hass., 1905b, 132.
- viviparus* Linst., 1899b, 12–13, pl. 2 figs. 22–24, 26, 27, pl. 4 fig. 41 (in Equus böhmi; Oberer Bubu, E. Africa); 1901b, 414 (in E. crawshayi).—Rail. 1909a, 336 (to Crossocephalus).
- PTERYGIFER** Linst., 1907, v. 3 (3), 255 (mt. tetrapteryx).
- tetrapteryx* Linst., 1907, v. 3 (3), 255, pl. 7 fig. 13 (in Synbranchus marmoratus; Argentine).
- PTERYGODERMATITES** Wedl, 1861b, 464 (mt. plagiostoma) (g. of Cheiracanthidea).—Stiles & Hass., 1905b, 132.
- macdonaldi* Bell, 1881, ZR (for 1880), Verm., 6, 7 to [Rictularia] (for macdonaldii).—Jägers., 1909 (25), 21–22 (to Rictularia).—Linst., 1889a, 8 to Ophiost. (Pt.).
- macdonaldii* Dobs., 1880b, 412–414 (in Megaderma frons; from Cape-Coast Castle); [1880, Nature, v. 22, 583 (in M. f., Gold Coast)].—Jägers., 1909 (25), 22.—[Macdonald, 1880, AMNH, v. 6, 409–411, pl. 21 figs. 1–9.]
- plagiostoma* Wedl, 1861b, 464–466, 481, pl. 1 figs. 5–11 (in Erinaceus auritus; Egypt).—Cobbold, 1879b, 296 (in E. a.; Egypt).—Jägers., 1909 (25), 31 (to Rictularia).—Will.-Suhm, 1873a, 331 (to R.).
- PTYCHOCEPHALIDEA** Dies., 1861a, 637 (fam., contains Ptychoc.).
- PTYCHOCEPHALUS** Dies., 1861a, 614, 637–638 (mt. spirotheca) [not Ptychoc. Ag., 1843, fish].—Rail. & Henry, 1916, CrSB, 114 (so. Pseudonymus).—Schneid., 1866a, 116 (so. Oxyuris).—Stiles & Hass., 1905b, 133.
- spirotheca* (Györy, 1856) Dies., 1861a, 633 (in Hydrophilus piceus; Wien).—Schneid., 1866a, 119.
- PYCNOPHYES** Zelinka in Southern, 1914a, 69 (Homalorhagæ, Pycnophyidae).
- calmani* Zelinka, in Southern, 1914a, v. 31 (54), 69–70 (Clew Bay).
- dentatus* (Reinhard, 1881) Southern, 1914a, 69 (Clew Bay).
- zelinkæi* Southern, 1914a, 70–71, pl. 12 figs. 33 a–g (Clew Bay).

- QUILONIA Lane, 1914, IJMR, 391-392 (tod. quilonia) (Strongylidæ).
quilonia Lane, 1914, 392, figs. 43-51 (in cecum, *Elephas indicus*; India); 1915, IJMR, 106 (so. *Evansia renniei*).
travancra Lane, 1914, IJMR, 393-394, figs. 52-58 (in *Elephas indicus*; India); 1915, 106 (to *Evansia*).
- Rabdonemiasi Sons., 1891m (n), 47-56 (1-10) (name of disease caused by *Rhabdonema intestinale* Bavay).
- RAMPHOGORDIUS Rathke, 1843a, 237-238 (mt. lacteus).—Ag., 1846, 320, 322 322 (*Rhampogordius*).—Stiles & Hass., 1905b, 133.
lacteus Rathke, 1843a, 238, pl. 12 fig. 16 (bei Molde).—Stiles & Hass., 1905b, 133.
- RANSOMEÆ Hall, 1916a, 107, 115, 116 (tribe) of Strongylinæ; contains *Ransomus*; 1916b, 518.
- RANSOMINÆ Rail., 1916, RMv, v. 92, 518.
- RANSOMUS Hall, 1916a, 115, 116 (tod. rodentorum).
rodentorum Hall, 1916a, 116-120, figs. 142-148 (in *Thomomys fossor*; Colo.); 1916b, 518.
- RAPHIDASCARIS Rail. & Henry, 1915, BSPE, 271 (tod. acus).
[*acus* (Bloch, 1779) Rail. & Henry, 1915, 271 (du brochet) (combination not made).]
- Renales Gøze, 1782a, 39, 73 (used under *Asc. gigas*, but not in combination; probably not as generic name).
- RESORBENTES Linst., 1905cc, 272 (division of Nematoda); 1906, v. 2 (7), 270; 1907, v. 3, 3; 1909 (15), 48, 71 (contains *Angiost.*, *Disph.*, *Eustr.*, *Fil.*, *Hedruris*, *Ichthyonema*).—Rail. & Henry, 1911, 576.
- RHABDIAS Stiles & Hass., 1905b, 123, 150 (tod. *bufonis* = *nigrovenosa*).—Rail., 1916, RMv, v. 92, 517.—Seur., 1916, 342.
bufonis (Schränk, 1788) Stiles & Hass., 1905b, 150 (= *Asc. nigrovenosa*).—Leiper, 1911, PZSL, 620 (in giant toad).
dujardini (Maupas, 1916) Seur., 1916, 342.
entomelas (Duj., 1845) Seur., 1916, 342.
- RHABDIASIDÆ Rail., 1915, IVC, 736 (contains *Strongyloides*); 1915, RMv, 494.—Hall, 1916a, 6 (so. *Angiostomidæ* Braun, 1895); 1916b, 517.—Mordw., 1908, 141, 146, 147, 152, 169, 173, 174, 175.
- RHABDIASOIDEA Rail., 1916, RMv, v. 92, 517.
- RHABDIDIS Daniels & Stanton, 1907a, 350 (misprint for *Rhabditis*).
- RHABDIS Daniels, 1914a, 74 (misprint for *Rhabditis*).
- RHABDITES Burgess, 1911, 71 (for *Rhabditis*).
- RHABDITIDÆ Oerley, 1885, MtK, 40.—Mordw., 1908, AMz Petrograd, v. 13, 141, 146, 147, 152, 169, 173, 174, 175.—Rail., 1915, RMv, 748; 1916, RMv, 517.
- Rhabditiden Peiper & Westphal, 1888a, 145-147; 1888b, 519.—Frese, 1907, MmW, v. 54, 512-514 (in stom., *Homo*); 1907, v. 2 (11), 436; 1907, v. 45 (29), 491; 1908, v. 41 (19-21), 12; 1909, v. 18 (14), 568.
- RHABDITIFORMÆ Oerley, 1882b, 308 (subo. of Nematoda); 1885, MtK, v. 21 (1), 39 (subdivision of Nematoda; contains *Rhabdonemidæ*), 77 (*Rhabditiformæ*).—Shipley, 1896a (1901b), 137 (biological group).
- RHABDITIS Duj., 1845a, 230, 239-243, 653 (s. *Tribactis*) (tod. *terricola*. see Bast. 1865c) [not *Rhabditis* Hann, 1825, mollusk].—Albrecht, 1911, v. 10, 370-374, pl. 1.—A., D., & E., 1901b, 8.—Assénova, 1899, 13, 94, 120.—Baginsky, 1887b, 604; 1887c, 795 (in urine).—Ben., 1866, 213, figs. 1-6.—R. Bl., 1895, 474.—Bos, 1891, 8.—Braun, 1883a, 159, 185; 1895b, 212; 1903a, 252, 253; 1906a, 88, 275; 1903a, 285, 287; 1915 a, 296.—Brumpt, 1910a, 333, 427; 1913a, 490.—Bütsch., 1873a, 95-104.—Cast. & Chalm., 1910a, 403; 1913a, 518.—Cobb, 1893a, 830-833 (53-56); 1893b, 265, 276-279, 305 (7, 27-30, 39), pl. 3 figs. 1-3; 1917n, 452.—Conte, 1900a, 374-375; 1900b, 375-376.—Daniels & Stanton, 1907a, 350 (*Rhabditis*).—Dav., 1877a, xcii-xciii.—Ditlevsen, 1912, 215.—Duerken, 1915, v. 45, 241-246, fig. 1.—F., S., & T., 1916a, 378.—Frese, 1907, MmW, v. 54, 1-99; 1908, v. 41 (19-21), 664-665 (in stomach).—Galeb, 1878b, 300.—Gedøelst, 1911a, 103.—Gøtte, 1884a, 66, 32, 110, 111, 116.—Guercio, 1915, v. 32, 453.—Hempelm., 1912a, 110.—Hofmæn., 1913, 626-627.—Huber., 1898a (clinical bibliog.).—Jægers., 1909, 6, 26.—Johns., 1913, v. 58, 605-652, pl. 1 figs. 1-2.—Krüger, 1912, ZA, v. 40, 233-237, figs. 1-12.—Leuck., 1867b, 45, 87, 121, 131, 154; 1868a, 406, 435, 438;

RHABDITIS—Continued.

- 1876a, 696; 1879a, 4, 71; 124, 125, 127, 129, 132; 1886d, 2, 54, 61, 89, 94, 95, 96, 97, 98, 101, 161, 267.—Linst., 1906, v. 24, 1-20, pl. 1; 1909a, 81.—Looss, 1892a, 37, 38, 40; 1905b, 73; 1911a, 216, 217, 218, 219, 232, 250, 255, 346.—Man, 1876a, 153; 1876b, 76; 1912, ZJ, 440, 447.—Maupas, 1915, BSHNA, 34-49, figs. 1-13; 1916, v. 79 (13), 607-613, figs.—Maupas & Seur., 1916, 614.—Metcalf, 1903, v. 24, 89-102, pl. 1.—Michel, 1902a, 907-910; 1905a, 45.—Moniez, 1891e, 470-473; 1891f, 1-4 (nymphs); 1896a, 299.—Müll., 1884a, 35-37.—Neuhaus, 1903, v. 37, 653-690, pls. 1-3 fig. 1.—Nev.-Lem., 1904a, 97; 1906a, 313; 1908a, 420; 1912a, 654, 834.—Oerley, 1880a, 67, 82-85, 176; 1885, MtK, v. 21 (1), in 1-134, pls. 1-6; 1887a, 268 (medical importance).—Olss., 1869b, 482.—Perez, 1866a, 152, 153, 154, 155, 189, 190, 229.—Petit, Henry, & Germain, 1910, v. 67, n. s., v. 35 (4), 234 (pseudotuberculosis in horse).—Potts, 1908, v. 14, 373-375; 1909, 187.—Pratt, 1916a, 157.—Rail., 1893a, 459 (s. Leptodera, Pelodera); 1896, 161; 1899l, 1273; 1900e, 106; 1916, RMv, 520.—Rawitz, 1897a, 830.—Schneidem., 1896a, 304.—Schneid., 1866a, 51, 148, 154.—Shipley, 1896a (1901b), 154, 160.—Southern, 1909, v. 4, 91, 92.—Stiles, 1901p, 529; 1902, 193; 1903l, 24; 1914, MM, v. 2, 271, 295.—Sl. & Sw., 1912a, 365-366.—Stiles & Hass., 1905b, 45-46, 134.—D'Udekem, 1859, 14.—Verdun, 1907a, 321.—Vernet, 1872a, 60-75.—Ward, 1916, 678.—Züern, 1882a, 278.—See also Rhabdids.
- aberrans* Krueger, 1912, ZA, v. 40, 233-237, figs. 1-12 (in moist soil; by Krueger); 1913, ZwZ, v. 105, 87-124, pls. 3-6 figs. 1-73.
- aceti* (Müll., 1783) Duj., 1845a, 242.—Bail., 1866b, 28.—Dav., 1865c, 259-262; 1865d, 88-89.—Perez, 1866a, 168, 189, 201, 218.—Schneid., 1866a, 148.
- acris* Bast., 1865c, 130-131, pl. 10 figs. 68-70 (in sandy soil about rootlets of wheat; Broadmoor, Berks.).—Marcinowski, 1909, v. 7 (1), 40 (an Weizenwurzeln).—Oerley, 1880, 85, 92; 1885, 66.
- acuminatus* d'Udekem, 1859a (b), 554-560, 566 (5-11, 17), pl. 1 figs. 1-12 (in Julius terrestris; by d'Udekem).
- agilis* Linst., 1876a, 14-15, figs. 36, 37 (humusreicher Sandboden; Ratzenburg).—Oerley, 1880(b), 85, 94; 1885, MtK, v. 21 (1), 58.
- angiotoma* (Schneid., 1866) Oerley, 1880a(b), 85, 86 (73, 74); 1885, MtK, 68.—Mordw., 1908, 147 to (Leptodera).
- appendiculata* (Schneid., 1859) Leuck., 1876a, 704 to (Leptodera) (quotes Claus); 1879a, 126, 127, 129; 1886d, 96, 97, 98.—Fuchs, 1915, ZJ, 193.—Oerley, 1880a(b) 85, 86 (73, 74).
- aquatica* Micol., 1913, SAW Wien, 546-547 (am Flachstrand d. Faistenawer Hintersees; Ost-Alpen); 1913, 11; 1914, 468-470, pl. 17 figs. 23a-d.
- aspera* Büetsch., 1873a, 113-114, pl. 11 figs. 58a-e (in faulenden Runkelrüben; by Büetsch.).—Hewitt, 1913, 147, 150, figs. 9, 10.—Oerley, 1880, 85, 94; 1885; MtK, 54, pl. 2 figs. 1-9.—Southern, 1909, v. 4, 94.
- australis* Cobb, 1893b, 278 (29) (on grass; Australia).
- bicornis* Zimmermann, 1898, v. 27, 50-51 fig. 16 (on coffee roots).—Faber, 1909, CfB, v. 23 (6-9), 218-219 (on coffee roots; Java).
- bioculata* M. Schultze in Carus, 1857a, pl. 8 fig. 2.—Büetsch., 1873a, 7.
- brassicæ* Southern, 1909, JEB, v. 4, 91-95, pl. 8 figs. 1-6 (in turnip; Westmeath; Ireland); 1910, (1), 36.
- brevispina* (Claus, 1862) Büetsch., 1873a, 104-105, pl. 55.—Brakenhoff, 1914, 294-295.—Ditlevsen, 1912, 239-240.—Hofmæn., 1913, 627, pl. 15 fig. 9.—Hofmæn. & Menz., 1915, 177.—Looss, 1911a, 219, 366.—Marcinowski, 1909, 41.—Metcalf, 1903a, 19-102; 1904b, 654.—Moniez, 1889r, 507 (in Geotrupes); 1891i, 62.—Oerley, 1880a (b), 85, 89; 1885, MtK, 49-50, pl. 3 figs. 6-12.
- bütschii* Oerley, 1885, MtK, 59 (misprint for bütschlii).
- bütschlii* Man, 1876a (b), 154-156 (77-79), pl. 9 figs. 36a-d (free; Leyden).—Oerley, 1880a (b), 85, 91 (73, 79); 1885, MtK, 59 (bütschlii).—Silva Araujo, 1878b, 53.
- calosomitis* Cobb in Burgess, 1911, 71 (in Carabus monilis) (Rhabdites) (nomen nudum except for host).
- carssanelli* Maupas, 1900a, 494-506, pl. 17 figs. 4-11, pl. 18 figs. 1-2 (in intest., Arion empiricorum ater; Normandy).—Krüger, 1913, ZwZ, 98, 99, 100, 101.—Seur., 1916, 364 (in A. e. a.; Vire, France).
- clausii* Büetsch., 1873a, 118-119, pl. 10 figs. 62a-b.—Oerley, 1880a (b), 85, 93-94; 1885, MtK, v. 21 (1), 64.

RHABDITIS—Continued.

- courc tata* Leuck., 1891a, 54-56 (on *Aphodius fimentarius*; by Leuck.); 1892a, 117 (on A. f.).—Moniez, 1891e, 472.
- cornwalli* Cobb, 1879 [nv.].—R. Bl., 1887e, 163.—Braun, 1895b, 213 (so. terricola).—Moniez, 1896a, 304 (so. t.).—Stiles, 1907, 610.—Ward, 1903, 208 (so. Leptodera terricola).
- coronata* Cobb, 1893b, 279, 305 (30, 56), pl. 38 figs. 1-2 (in banana plant; Fiji).—Man, 1895, 81-85, fig. 2.—Maupas, 1900 (3), v. 8, 536-541, pl. 21 figs. 9-11, pl. 22 figs. 1-3 (in terres grasses; Algeria).
- curvicauda* Oerley, 1880a (b), 85, 90 (78) for *curvicaudata*.
- curvicaudata* (Schneid., 1866) Oerley, 1885, MtK, v. 21 (1), 50.
- dentata* (Schneid., 1866) Oerley, 1880a (b), 85, 91 (79); 1885, MtK, 67.—Man, 1894, v. 7, 367.
- diplopunctata* Cobb in Burgess, 1911, 71 (in *Carabus monilis*) (*Rhabdites*) (nomen nudum except for host).
- dochmii-trigonocephali* Scheiber, 1880a, 173 (embryo of *Doch. trig.*).
- dolichura* (Schneid., 1866) Büetsch., 1873a, 115-116, figs. 61a-b (Germany); 1876, 231-236, 392.—Cobb, 1888a, 28, 34.—Galeb, 1878b, 362 (quotes Büetsch, 1873, 115, 116).—Maupas, 1900, (3), v. 8, 531-536, pl. 20 figs. 14-15, pl. 21 figs. 1-8 (in terreau; Algeria, Hungary, Germany).—Krüeger, 1913, ZwZ, 98.—Oerley, 1880a (b), 85, 88-89; 1885, MtK, 64.
- dryophila* (Leuck., 1887) Brand., 1888a, 5.—Man, 1910, 360.¹
- duthiersi* Maupas, 1900a, 513-518, pl. 18 figs. 12-13, pl. 19 figs. 1-7 (in terreau noirâtre; Edough near Bône).—Southern, 1909, v. 4, 94.
- elegans* Maupas, 1900a, 477-494, pl. 16 figs. 1-11, pl. 17 figs. 1-3 (in humus gras; Algeria).—Johns., 1913, 636.—Southern, 1909, v. 4, 93.
- elongata* (Baird, 1853) Oerley, 1885, MtK, 67.
- elongata* (Schneid., 1866) Oerley, 1880a (b), 85, 92 (80); 1885, MtK, 52, pl. 4 figs. 1-3.—Looss, 1911a, 595, pl. 13 figs. 137-140.
- feculorum* Dies., 1851a, 136, 556 (to *Anguillula*) (for *feculorum*).
- feculorum* Guer., 1845, CrAS, 876-879 (in potatoes).
- filiformis* Büetsch., 1873a, 106, pl. 9 fig. 56 (im Moos eines Baumstammes; by Büetsch.).—Cobb, 1893a, 832-833 (55-56) (N. S. W.); 1893b, 276-277 (27-28), pl. 36 figs. 1-4.—Oerley, 1880, 85, 93; 1885, MtK, 51.—Southern, 1914a, 7 (Clare Isl.).
- flexilis* (Duj., 1845) Oerley, 1880 (b), 85, 86 (73, 74); 1885, MtK, v. 21 (1), 67.—Mordw., 1908, 147 to (Leptodera).
- fluviatilis* Büetsch., 1876a, 365, pl. 24 fig. 8 (in fauligen Massen auf der Oberfläche des Mains; F. a. M.).—Jägers., 1909, 26, fig. 35.—Lauterborn, 1913, 871.—Lindner, 1890a, 26.—Oerley, 1880a (b), 85, 90-91 (78-79); 1885, MtK, v. 21 (1), 59.
- fæcunda* (Schneid., 1866) Oerley, 1880 (b), 85, 91 (79); 1885, MtK, v. 21 (1), 67.—Man, 1894, v. 7, 367.
- genitalis* Scheiber, 1880a, 161-174, pl. 6 figs. 1-7 (in urine of Homo; Hungary); 1888, v. 95, 518 (in urine of H.).—Assénova, 1899, 13.—R. Bl., 1889d, 703.—Braun, 1883a, 186; 1895b, 214 (=pellio); 1903a, 254; 1908a, 285; 1915a, 296.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Dungl., 1893a, 962.—Ijima, 1889b, 374.—Moniez, 1896a, 303.—Ogden, 1900, 269 (in H.).—Rieder, 1899a, 84 (in H.).—Scott, 1900a, pl. 30 figs. 1-4 (*genitatis*) (in H.).—Sl. & Sw., 1912a, 365.—Stiles, 1907; 1914, MM, v. 2, 316.—Ward, 1895a, 331 (in H.); 1903, 207; 1916, 678.
- genitatis* Scott, 1900a, pl. 30 figs. 1-4 (for *genitalis*).
- giardi* Maupas, 1915, BSHNa, v. 6, 34, 51-52 (1-2) (in humus; Algeria); 1915, 34-49, figs. 1-13.
- glutinis* (Müll., 1783) Duj., 1845a, 243.—Perez, 1866a, 190, 217-218 (in colle).—Schneid., 1866a, 148.
- gracilicauda* Man, 1876a (b), 156-158 (79-81), pl. 9 figs. 37a-e.—Oerley, 1880a, 85, 87-88.—Silva Araujo, 1878b, 53.

¹ According to de Man, *Rhabditis dryophila* was a manuscript name of Leuckart, first published by Ludwig, 1887, Naturwissenschaftler, no. 1, p. 9, as a nomen nudum; and the species was not described until 1910.

RHABDITIS—Continued.

- gracilicauda* Oerley, 1885, MtK, 47–48 (misprint for *gracilicauda*) (s. *Leptodera producta*).
- guignardi* Maupas, 1900a, 522–527, pl. 20 figs. 2–9 (in dirt from forest; Algeria).—Southern, 1909, v. 4, 94.
- gurneyi* Potts, 1910, v. 55 (3), 441, figs. 9–10 (in peaty soil; Norfolk).—Krüger, 1913, 117.
- heterurus* Oerley, 1880a (b), 85, 89, 176 (77), pl. 3 fig. 12; 1885, 45–46.
- icosiensis* Maupas, 1916, CrSB, 607–610, figs. 1, 2 (2–4) (free and larva encysted in coprophagous coleoptera; Algeria).—Maupas & Seur., 1916, 614, 615, 616.
- inermis* (Schneid., 1866) Oerley, 1880a (b), 85, 90 (78); 1885, 53.
- intermedia* Man, 1880a, 57–58 (in sand; Holland).—Oerley, 1885, 46–47.
- intestinalis* (Bavay, 1877) Oerley, 1800a (b), 96 (84).—Braun, 1883a, 185–186 to (*Anguillula*).—Ijima, 1889a, 371.—Nakamura, 1897a, 532–538.
- janeti* (Lac.-Duth., 1893) Lac.-Duth. in Janet & Man, 1894, MSz, v. 7 (2–3), 363–368; (4), 369–371, pl. 5 figs. 1–9 (in *Formica rufa*; Beauvais).—Linst., 1907, v. 29, 83 (in F. r., *Lasius flavus*).
- kowalewskyi* Golowin, 1901a [nv.]; 1901b, 752.—Linst., 1904, AN, 57.
- lacustris* Micol., 1913, SAW Wien, 116 (aquatic, Obersee, litoral; Ost-Alpen); 1914, ZJ, 472–473, pl. 17 figs. 24a–b.
- leuckarti* Vernet, 1872 [nv.].—Büetsch., 1873a, 117.—Oerley, 1880a (b), 95 (83); 1885, MtK, v. 21 (1), 65.
- limacis* (Duj., 1845) Mordw., 1908, AMz Petrograd, 147, 173 to (*Angiost.*).
- lirata* (Schneid., 1866) Oerley, 1880a (b), 85, 91 (73, 79).
- longicaudata* Bast., 1865c, 130, pl. 10 figs. 63–64 (sandy soil about roots of wheat; Broadmoor, Berks).—Marcinowski, 1909, v. 7, 40.—Oerley, 1880a (b), 85, 92 (73, 80).
- longicaudata* Büetsch., 1873a, 114–115, pl. 10 figs. 60a–e, pl. 11 figs. 65a–b (in *faulenden Pilzen*; lng.).—[?Hewitt, 1913, 150.]—Marcinowski, 1909, v. 7 (1), 40.—Oerley, 1885, MtK, v. 21 (1), 48–49 (Bast. & Büetsch.).
- longicaudatus* Bast. ? or Büetsch.—Hewitt, 1913, 150.
- lumbriculi* Linst., 1895a, 526–528 (in *Lumbricus variegatus*; Gøtt.); 1909a, 81, fig. 78 (in *Sænuris variegata*).—Seur., 1916, 364 (in L. v.).
- macrocephalus* d'Udekem, 1859a, 557, 560–565, 566 (8, 11–16, 17), pl. 2 figs. 1–9 (in intest. *Julus terrestris*; by d'Udekem).
- macrolaima* (Schneid., 1866) Oerley, 1880a (b), 85, 90 (78); 1885, MtK, 53.
- macroura* Linst., 1879a, 167, pl. 11 fig. 5 (in moist soil; lng.).—Oerley, 1885, MtK, 51.
- marina* Bast., 1865c, 129–130, pl. 10 figs. 60–62 (marine; Falmouth).—Büetsch., 1873a, 7.—Ditlevsen, 1912, 213, 240–242, pl. 2 figs. 1–5, 7.—Lindner, 1890a, 26.—Oerley, 1880a (b), 95 (83); 1885, MtK, v. 21, 66.
- marionis* Maupas, 1900a, 506–513, pl. 18 figs. 3–11 (on lombrics; from Normandy).—Johns., 1913, 634, 636.
- mellio* F., S., & T., 1916a, 883 (misprint for *pellio*).
- membranosa* (Schneid., 1866) Oerley, 1880a (b), 85, 86 (73, 74); 1885, MtK, v. 21, 67.
- minutus* Cobb, 1893a, 831–832 (54–55), fig. 45 (roots of sugar-cane; N. S. W.).
- *monhystera* Büetsch., 1873a, 106–107, pl. 8 figs. 53a–b (on roots of *Plantago*; by Büetsch.).—Cobb, 1893b, 278–279, 306 (29–30, 57), pl. 38 figs. 1–6 (in decaying leaves of banana plants; Fiji); 1906, 165, 193–194 (Hilo, H. I.); 1914, v. 1 (1), 40–41 (rhabditin) pl.; 1915, JP, v. 1, 154.—Conte, 1900a, 374, 375; 1900b, 376.—Hall, 1916a, 157.—Holmæn. & Menz., 1915, 178.—Linst., 1902d, 31; 1906, v. 24 (1), 9.—Man, 1876a (b), 153–154 (76–77), pl. 9 fig. 35 (Leyden).—Marcinowski, 1909, MkbA, 41 (monhystera).—Menz., 1914, AN, 75, 81 (monhystera).—Oerley, 1880a (b), 85, 91 (73, 79); 1885, MtK, v. 21 (1), 63–64 (monhystera).
- monohystera* Oerley, 1885, MtK, v. 21, 63–65 (for monhystera).
- mucronata* (Grube, 1849) Bast., 1865c, 132 (in terra humida cum lumbricis servata).—Oerley, 1880a (b), 95 (83).

RHABDITIS—Continued.

- niellyi* (R. Bl., 1885) R. Bl., 1890a, 67-69.—Assénova, 1889, 50, 51, 94, 120.—Braun, 1895b, 214-215; 1903a, 254-255 (in Homo); 1905a, 296; 1906a, 276; 1908a, 286-287 (in H.).—Brumpt., 1910a, 428; 1913a, 490.—Cast. & Chalm., 1910a, 403, 407, 447; 1913a, 518, 522.—Daniels, 1910a, 72.—F., S., & T., 1916a, 378.—Gedøelst, 1911a, 103 (in H.).—Koch, 1910, 91, 92.—Looss, 1911a, 242, 275.—Moniez, 1896a, 301-302.—Nev.-Lem., 1902a, 95, 125; 1904a, 97, 129; 1906a, 313; 1908a, 504.—Penel, 1905, 66.—Rail., 1893a, 551.—Schneid., 1896a, 305 (in H.).—Sl. & Sw., 1912a, 366, 404.—Stiles, 1907b, 51; 1907, 610; 1914, MM, v. 2, 303.—Vaull., 1901a, 124 (*nielly* misprint).—Verdun, 1907a, 424 (in H.; Brest).—Ward, 1895a, 331 (in H.); 1903, 207; 1916, 678.
- nigrovenosa* (Göze, 1800) Gætte, 1882b, 59-82, pl. 3-4 [nv.].—Cobb, 1888a (b), 13 (53).—Düerken, 1915, ZA, 241-246, figs.—Fol, 1883a, 582.—Geinitz, 1915, 622.—Kholodk., 1899a, 174.—Martini, 1906a, 709, 713, 715, 716; 1907, ZwZ, 38-50.—Neuhaus, 1903a, 653-690, 1 fig. pl. 30-32 figs. 1-40; 1903b, 2433-2434; 1903c, 205-206; 1904a, 552.—Oerley, 1880a (b), 85, 87 (73, 75) (in *Rana* temp.).—Shipley, 1896a (1901b), 140, 155 (in excrement of frogs).—Zeigler (see under *Nematoden*).
- nyellyi* Moniez, 1896a, 345 (for *niellyi*).
- obtusa* Fuchs, 1915, ZJ, 141, 142-146, 149, 156, 168, 181, 182, 183, pl. 18 figs. 20-24 (in *Ips* typographus); 1915, 206.
- oculi equini* Willach, 1892c, 361 (in *Equus* cab.; Germany).
- ornata* Bast., 1865c, 130, pl. 10 figs. 65-67 (between sheaths of leaves, stalks of wheat; Broadmoor, Berks).—Büetsch., 1873a, 106.—Marcinowski, 1909, v. 7 (1), 40.—Oerley, 1880a (b), 85, 92 (73, 90); 1885, MtK, v. 21 (1), 66.
- oxophila* (Schneid., 1866) Lindner, 1890a, 26.
- oxyerca* Man, 1895, PLBS, 85-92, fig. 3 (in *Calanthe*; by Bos).—Marcinowski, 1909, v. 7 (1), 39.
- oxyphila* Lindner, 1890a, 26 (for *oxophila*).—Man, 1910, ZJ, 360 (so. *Anguillula aceti*).
- oxyuris* (Claus, 1862b) Büetsch., 1873a, 105-106, figs. 57a-c (Cuxhafen).—Linst., 1876a, 15.—Moniez, 1889r, 506-507 (in cow dung, young on *Acariens*, particularly *Holostaspis marginatus*; Lille, Boulonais); 1889s, 126-127; 1889t, 9-10; 1891e, 472 (3) (cf. *coarctata*); 1891i, 62; 1896a, 298.—Oerley, 1880a (b), 85, 93 (73, 81); 1885, MtK, v. 21 (1), 53.
- papillosa* (Schneid., 1866) Oerley, 1880a (b), 85, 92 (73, 80); 1885, MtK, v. 21 (1), 53.—Man, 1894, v. 7, 370.
- pellio* (Schneid., 1866) Büetsch., 1873a, 112-113, figs. 59a-e; 1876, 441, 442.—Assénova, 1899, 13, 14.—R. Bl., 1889a, 703, 704 (s. genitalis); 1895, 787 (in Homo).—Braun, 1895b, 12, 214; 1903a, 254; 1906a, 275; 1908a, 285-286; 1915a, 296.—Braun & Lühe, 1909a, 149.—Brumpt., 1910a, 428; 1913a, 490.—Daniels, 1910a, 72; 1914a, 75.—Ditlevsen, 1912, 240.—Erlanger, 1897a, 339-346, figs. 1-10.—F., S., & T., 1916a, 377.—Fiebiger, 1912a, 225.—Gedøelst, 1911a, 103 (in vagina of H.).—Johns., 1913, 606, 607, 608, 614, 618, 619, 620, 622, 623, 628, 637, 638, 640, 641, 642, 643, 644, 646, 647, 649 (in *Lumbricus terrestris*).—Linst., —, 15, fig. 20 (s. *Anguillula lumbrici*, *Nematodum lumbrici*).—Looss, 1911a, 242, 261, 275.—Lutz, 1880, 464.—Moniez, 1896a, 302, 303-304 (s. genitalis).—Nev.-Lem., 1902a, 124, 125; 1904a, 97, 128, 129; 1906a, 313, 314, fig. 1; 1908, 503.—Oerley, 1880a (b), 85, 94-95 (73, 82-83), pl. 3 figs. 33a-b; 1885, MtK, v. 21, 54-58.—Rail., 1893a, 550.—Rollest., 1888a, 684.—Schneid., 1896a, 305 (in H.).—Seur., 1916, 349 (in *Alloboophora longa*, A. turgida, *Lumbricus rubellus*, L. terrestris, *Ocotolaisum cyaneum*).—Shipley, 1896a (1901b), 160.—Sl. & Sw., 1912a, 365, 404.—Stitt, 1910a, 233.—Ward, 1903, 207 (to *Leptodera*); 1916, 678.—Weichselbaum, 1898a, 317.
- pellioides* Büetsch., 1873a, 111-112, pl. 11 fig. 66 (Germany).—Cobb, 1893b, 277 (28), pl. 38 figs. 1-7 (on fresh grass and dead leaves of banana plants; Cosmopolitan, Europe, Australia, Fiji).—Oerley, 1880a (b), 85, 93 (73, 81); 1885, MtK, v. 21 (1), 59-60.
- perrieri* Maupas, 1900a, 518-522, pl. 19 figs. 8-14, pl. 20 fig. 1 (in terreau; Arba).—Krüger, 1913, ZwZ, 98.
- plicata* Schneid. [nv.].—Fuchs, 1915, ZJ, 200.

RHABDITIS—Continued.

- producta* (Schneid., 1866) Oerley, 1880a (b), 85, 88 (73, 76).
- pseudoelongata* Micol., 1913, SAW Wien, 547–548 (am Flachstrand d. Faistenauer Hintersees; Ostalpen); 1913, 11; 1914, ZJ, 470–471, pl. 17 figs. 25a–b.
- punctata* Cobb., 1914, TAMS, 73, 112–114 (39 (punctatus), 78–80) (about roots of aquatic plants; Potomac River, Wash., D. C.).
- rubrovenosa* (Schneid., 1866) Oerley, 1880a (b), 85, 87 (73, 75) (in *Bufo cinereus*).
- schneideri* Buëtsch., 1873a, 116–117, 118, pl. 10, figs. 63a–b (in faulenden Pilzen, by Buëtsch.) (see Schneid., 1866a, 321).—Hempelm., 1912a, 102.—Krüeger; 1913, ZwZ, 118.—Oerley, 1880a (b), 85, 88 (73, 76); 1885, MtK, v. 21, 65.
- seychellensis* Potts, 1910, v. 55 (3), 441, fig. 3 (in moss; from Seychelles).
- sergenti* Maupas, 1916, CrSB, 612–613, fig. 2 (5) (in soil; Algeria).
- seurati* Maupas, 1916, CrSB, 610–612, fig. 2 (1) (on *Hyacinth* bulb; Algeria).
- simplex* Cobb, 1893a, 830–831 (53–54) (in soil; N. S. W.).
- species* Ben., 1866a, 212–213, figs. 1–6 (in old bones).
- species* Cobb, 1893b, 256 (7) (in celery; Sydney).
- species* Cobb, 1893b, 279 (30) (between sheaths of diseased banana plants; from Fiji).
- species* Frese, 1907, MmW, 99, 512, figs. 1–2 (in stom. Homo); 1908, CfB, 664–665.—Braun, 1908a, 287 (in H.); 1915a, 297.—Koch, 1910, 91, 92.
- species* del Guercio, 1913, 233–234 (in *Rhynchites ruber*; Puglia); 1915, ESR, v. 32 (5), 453.
- stercoralis* (Bavay, 1876) Bavay, 1876a, 694–695 (in Homo).—R. Bl., 1885, 70.—Braun, 1883a, 185.—Bérenger & Féraud, 1883, 318–321.—Dav., 1877a, 969.—Dungl., 1893a, 962.—Grassi, 1883c, 261.—Leichtenstern, 1885, 526; 1886, 173, 175.—Leuck., 1879a, 59, 129, 161, 188, 196; 1883b, 97; 1886d, 125, 126, 148.—Looss, 1892a, 40; 1905, 189, 190 (to *Strongyloides*); 1911a, 252, 253, 255, 282; 1914, v. 2, 503, 504.—Luz, 1880, 463, 465 (Brazil).—Mordw., 1908, 175.—Mosler & Peiper, 1894a, 267.—Neum. & Mayer, 1914a, 361.—Normand, 1877a, 35–55, 102–133, figs. 1–7.—Oerley, 1880a (b), 96 (84).—Perronc., 1881v, 24–43, figs. 1–3; 1881w, 499–519, figs. 1–4, pl. 29 figs. 1–8; 1882c, 191–192.—Roux, 1877a, 18.—Satterthwaite, 1881b, 218, 221–223 (quotes Nordm. as author).—Scheiber, 1880, 177.—Veterinarian, 1877, v. 50, 19.—Ward, 1895a, 331 (in Homo).
- strongyloides* (Leuck., 1883) Grassi [nv.].—R. Bl., 1890a, 70 (so. *Rhabdonema intestinale*).
- strongyloides* (Schneid., 1860) Oerley, 1880a (b), 85, 90 (73, 78); 1885, MtK, v. 21, 63.—Fiebigg, 1912a, 225.—Hut. & Mar., 1913b, 1059–1060.—Künneman, 1905, DtW, v. 13, 269–270 (in skin of dog); 1906, CfB, v. 37, 753–754.—Liebert, 1910, VJ, v. 66, 687–688 (from DtW) (dermatitis verminosa in dog).—Neum., 1911, Rv, v. 68, v. 36 (2), 76–83.—Nev.-Lem., 1912a, 834.
- teres* (Schneid., 1866) Buëtsch., 1873a, 107–111, figs. 64a–h; 1876, 441, 442.—Conte, 1900b, 375.—Hempelm., 1912a, 108.—Künger, 1913, 105.—Maupas, 1915, 34.—Oerley, 1880a (b), 85, 95 (73, 83).
- terricola* Duj., 1845a, 240–241 (in soil and in *Limax*, grenouille rousse, *Gasterosteus*; France).—Barthélemy, 1867a, 37–40.—Bast. 1865c, 131–132.—Bavay, 1876a, 694–695.—R. Bl., 1887e, 168 (s. *cornwalli*, *Pelodera setigera*); 1889a, 703 (in Cornwall epidemic); 1890a, 62–63 (s. *teres*, c., *P. teres*, P. s.) (Europe).—Bérenger & Féraud, 1883, 317.—Braun, 1895b, 213 (s. P. s., P. t.).—Dav., 1877a, 970.—Ditlevsen, 1912, 240.—Kholodk., 1899a, 183.—Leuck., 1879a, 63, figs. 30, 42, 60; 1886d, 49, figs. 30, 42, 60.—Lindner, 1890a, 26.—Looss, 1911a, 261.—Menz., 1914, 85.—Moniez, 1896a, 304–305.—Oerley, 1880a (b), 85, 88 (23, 76); 1885, v. 21, 60–63, pl. 2 figs. 10–17.—Perez, 1866a (b), 152–307, (1–156), pls. 5–10 figs. 1–97 (s. *Ascaroides limacis* (in *Limax agrestis*, L. hortensis)).—Pratt, 1916a, 217.—Rail, 1893a, 550 (s. P. t.).—Roux, 1877a, 15, 18.—Scheiber, 1880, 173.—Schneidem., 1896a, 305.—Schneid., 1866a, 148.—Veterinarian, 1877, 19.—Ward, 1903, 208.
- terricola* Schneidem., 1896a, 305 (for *terricola*) (in Homo).
- tripartita* Linst., 1906, v. 24 (1), 8–9, figs. 10–12 (in Excrementen eines Affen; lng.).
- tritici* (Steinbuch, 1799) Duj., 1845a, 242–243.—Huber, 1909, 1 (so. *Tylenchus scandens*).—Perez, 1866a, 189.—Schneid., 1866a, 148, 164 (so. *Anguillula scandens*).

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uncinata (Schneid., 1866) Oerley, 1885, v. 21, 67.

viguieri Maupas, 1900a, 527–531, pl. 20 figs. 10–13 (in *terreau gras*; Algeria).—Southern, 1909, v. 4, 94.

RHABDITOLAIMUS Fuchs, 1915, ZJ, 158 (type by present designation, *halleri*).

halleri Fuchs, 1915, 158–160, 194, pl. 19 figs. 45–48 (in *Ips typographus*).

leuckarti Fuchs, 1915, 191–195, pl. 21 figs. 68a–69 (under wings of *Hylobius abietis*).

RHABDOCHONA Rail., 1916, JP, v. 2 (3), 99, 100, 104 (*tod. denudatus*).

denudata (Duj., 1845) Rail., 1916, 104 (in *Cyprinidés*).

RHABDOGASTER Metchn., 1867a, 542–543 (*nat. cygnoides*) [not *Rhabdogaster* Loew., 1858, dipt.].—Hempelm., 1912a, 108.—Stiles & Hass., 1905b, 134.—Villot, 1875a, 454, 456 (*marine*).

cygnoides Metchn., 1867a, 542–543, pl. 31 figs. 9–11 (auf verschiedenen nahe am Ufer wachsenden Algen; [apparently *Med.*]).—Schep., 1908c, 393–400, pl. 26 figs. 1–23.

RHABDOLAIMUS Man, 1880a, 59–61 (*tsd. terrestris*).—Hofmæn., 1913, 619.—Jägers., 1909, 5, 19.—Menz., 1914, 60–61.—Stiles & Hass., 1905b, 134.

aquaticus Man, 1880a, 60 (in fresh water).—Hofmæn., 1913, 619.—Hofmæn. & Menz., 1915, 180–181.—Jägers., 1909, 19, fig. 23 (Holland, Hungary).—Micol., 1914, ZJ, 440–441; 1915, ZJ, 257.

balatonicus Daday, 1894, Mte, v. 12, 138; 1897, v. 2 (T), 102–103, figs. 89–91 (in sand; Balaton).

minor Cobb, 1914, TAMS, 73, 75 (39, 41, 86), pl. 2 fig. 2 (in mud; Beach pool, Pine Point, Douglas Lake, Mich.).

terrestris Man, 1880a, 60–61 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 181.—Menz., 1914, AN, 34, 61, 82, 83.—Micol., 1913, 11; 1914, ZJ, 442–443, pl. 11 figs. 6a–f; 1915 ZJ, 257–258.—Steiner, 1916, ZA, 343.

RHABDONEMA Perronc., 1886, [nv.].—Stiles & Hass., 1905b, 134.

RHABDONEMA Leuck., 1879a, 128, 129 (*mt. nigrovenosum*) [not *Rhabdonema* Kützing, 1844, *polygastrica*]; 1883b, 89; 1886d, 89, 99.—Askanazy, 1897c, 50.—Braun, 1895b, 23, 24, 25, 212, 215 (= *Strongyloides*); 1903a, 252; 1906a, 19, 20, 21; 1908a, 279.—Cast. & Chalm., 1910a, 404; 1913a, 519.—F., S., & T., 1916a, 18, 19, 20.—Grassi, 1887d, 312.—Grassi & Caland., 1884a, 492–494; 1885b, 150.—Hempelm., 1912a, 110.—Lutz, 1886a, 343; 1887a, 47–49.—Oerley, 1885, v. 21 (1), 77–78.—Perronc., 1907, v. 49, 3–6.—Rail., 1893a, 557 (*pars* so. *Strongyloides*).—Rhumbler, 1901a, 60–88.—Schneidemann, 1896a, 304.—Shipley, 1896a (b), 160.—Sl. & Sw., 1912a, 367.—Stiles & Hass., 1905b, 134.

acuminata (Schränk, 1788) Scheiber, 1880, 164 (to Rh. [Asc.]).

hominis Lutz, 1887a, 48 (*strongyloides* Leuck. renamed; quotes CkM, 1885, and AMv).

intestinale (Bavay, 1877) R. Bl., 1888a, 770.—Abbott, 1899, 226 (in *Homo*; Cochinchina, Brazil, W. Indies, Egypt, Ceylon, Italy).—Baldeschi, 1890, 869.—Booth, 1908, 344.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430; 1913a, 491.—Cast. & Chalm., 1910a, 404; 1913a, 519.—Daniels, 1910a, 72; 1914a, 75.—Daniels & Stanton, 1907a, 349.—Dungl., 1893a (1895a), 247.—Fol, 1883a, 578–582.—Grassi & Segré, 1887a, 100–108 (to *Anguillula*); 1887b, 413–415.—Guiart, 1910a, 422.—Looss, 1905, 189 (so. *Strongyloides stercoralis*).—Mans., 1897, 1837; 1901, 557; 1903, 660, 661, 662, fig. 105; 1904, 416, 660, 661, fig. 105.—Neum. & Mayer, 1914a, 359.—Nev.-Lem., 1902a, 127, 1908a, 499.—Ozzard, 1902, 59–60.—Rail., 1893a, 557 (to *Strongyloides*).—Rathelot, 1892a, 52 (*Phaldonema*).—Riva, 1892a, 40–69 (in H.).—Salute pubb., Perugia, 1891, 193–200.—Sl. & Sw., 1912a, 367.—Sons., 1891m (n), 47–56 (1–10); 1892, 683–684; 1896a, 329.—Strong, 1902a, 10.—Vauil., 1901, 136.—Veterinarian, 1877, v. 50, 19.—Ward, 1903, 208 (so. St. s.).

longum (Grassi & Segré, 1885) Rail., 1893, 561 (to *Strongyloides*).—Hut. & Mar., 1913, 516.—Rans., 1911a, 105.—Ward, 1895a, 337 (in *Ovis aries*).—Reported for *Fœtorius putorius*, F. vulg., *Lepus cuniculus dom.*, *Sus scrofa*, S. s. dom.

longus Grassi, 1885b, 251 (in *coniglio*, *donnola*, *porco*, *pecora*; by Grassi).—Grassi & Segré, 1887a, 107 (in sheep), 108.—Blgr., 1914, v. 7 (3), 248 (so. *Strongyloides papillosus* Wedl.).—Calandr., 1904, 63 (in *Homo*).—Hall, 1916a, 7 (so. S. p.).—Rans., 1911a, 105 (so. S. p.).—Sl. & Sw., 1912a, 401.

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- nigrovenosum* (Goeze, 1800) Leuck., 1879a (b), 128, 129; 1883, 89; 1886d, 89, 96, 98, figs. 61, 62.—Benham, 1901a, 76.—R. Bl., 1888a, 742.—Braun, 1893a, 869; 1895b, 135, 208, 212, 216, figs. 106, 108; 1906a, 145, 269–270, figs. 186, 188; 1908a, 279, 280, 284, fig. 239; 1915a, 289, 290, 293, 299, figs. 263, 265.—Braun & Luehe, 1909a, 108, 118, fig. 45; 1910a, 117, 118, fig. 45.—Fiebiger, 1912a, 226.—Golgi & Monti, 1885a, 57.—Kholodk., 1911, 253 (in *Bufo vulg.*, *Rana temp.*).—Looss, 1892a, 41, 147.—Martini, 1906a, 703, 704; 1907, *ZwZ*, 28, 31, pl. 3 figs. 65–81, 82e; 1908, 552.—Mordw., 1908, 152, 174 to *Angiost.* (Rh.).—Oerley, 1885, *MtK*, v. 21 (1), 78–80.—Scheiber, 1880, 164; 172, 173 to (Asc.).—Schleip, 1911, v. 19, 1–8 to *Angiost.* (Rh.); 1911, v. 7, 87, 138, pls. 1–5.—Shipley, 1896a (1901b), 134, 136, 140, 151, 162.—Sl. & Sw., 1912a, 311.—Stiles & Hass., 1894e, 350 (in *Bufo lentiginosus*, *Rana temp.*).—Reported for *Bombinator igneus*, *Bufo americanus*, *B. viridis*, *Pelobates fuscus*, *Rana clamitans*, *R. escul.*, *R. palustris*.
- ovis* Perronc., 1886f, 86 (in feces of *Ovis aries*; Italy).
- stercoralis* (Bavay, 1876) Mans., 1903, 662.—Brumpt, 1913a, 491.—Fiebiger, 1912a, 226.—Hut. & Mar., 1906a, 408.
- strongyloides* Leuck., 1883 [nv.].—Braun, 1883a, 186; 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430.—Cast. & Chalm., 1910a, 404, 735; 1913a, 519.—Chastang, 1878, v. 30, 29.—Delafield & Prudden, 1897, 140.—Dollfus, 1912, v. 37 (2), 24–26 (*Rhabdoneura strongyloides*).—Dunzl., 1893a (1895a), 962.—Fol, 1883a, 578–582.—Golgi & Monti, 1884, 285–288; 1885a, 57.—Grassi & Segré, 1887a, 107, 108 (in man), [106, ? in *Mus decumanus*].—Ijima, 1889b, 372.—Linder, 1890a, 25–29 (s. *Anguillula intestinalis*) (in *Homo*; Cochin China, Sumatra, Java, etc.).—Linst., 1896, 16; 1905n, 533 (so. *Strongyloides intestinalis*).—Looss, 1892a, 40; 1896b, 64 (Egypt); 1898b, 484; 1905, 189.—Lutz, 1885a (b), 385–390 (1–5) (s. *Ang. int.*) (in H.; Brazil); 1887a, 48 (renamed *hominis*); 1893a, 126.—Neum., 1892d, 387.—Oerley, 1885, v. 21 (1), 80–82, pl. 4 figs. 10–12, pl. 5 figs. 1–4; 1886a; 1887d, 270.—Perronc., 1906f, 3–5; 1907d, 3–6; 1909, v. 20 (6), 584.—Rail., 1893a, 557 (so. *St. int.*).—Rollest., 1888a, 684, 686.—Simon, 1896a, 183; 1897a, 209.—Sl. & Sw., 1912a, 367.—Teissier, 1895, 675–700, 1 pl.—Ward, 1895a, 323, 331 (in H.); 1903, 208.
- suis* (Lutz, — ? —, nv.) Dolley, 1894a, 1007 (so. *longum*).—Hut. & Mar., 1906a, 408.—Sl. & Sw., 1912a, 401.
- vivipara* (Probstmayr, 1865) Rans., 1907, 35 (to *Probstmayria*) (in horse; U. S. A.).—[Rail., 1887, *RMv*, 48 (combination not made).]
- Rhabdonemiasis** (disease caused by *Rhabdonema*; in medical literature used chiefly in sense of *Strongyloides*).—Sons., 1891; 1893, 861.—Looss, 1905, 188.
- RHABDONEMIDÆ** Oerley, 1885, *MtK*, v. 21 (1), 77 (f. of *Rhabditiformæ*); 1886a; 1887d, 269 (contains *Rhabdonema*, *Angiost.*, *Allantonema*).—Mordw., 1908, 174.
- RHABDONEURA** Dollfus, 1912, *BSzF*, 25 (misprint for *Rhabdonema*).
strongyloides Dollfus, 1912, 25 (misprint for *strongyloides* Leuck.).
- RHABDOTODERMA** Mar., 1870a, 31–32 (mt. *morstatti*) [not *Rhabdoderma* Reis, 1888, fish].—Stiles & Hass., 1905b, 134.
morstatti Mar., 1870a, 31–32, pl. J fig. 1 (free; Endoume, Pharo, Joliette).—Villot, 1875a, 466 (free; Med.).
- RHADINORHYNCHINÆ** Luehe, 1912, *ZJ*, 278 (subf. of *Echinorhynchidæ*; contains *Rhadinor.*, *Echinogaster*).
- RHADINORHYNCHUS** Luehe, 1911a, 10, 43–44 (mt. *pristis*); 1912, *ZJ*, 278.
horridus Luehe, 1912, *ZJ*, 278–282, 305, fig. A, pl. 13 figs. 1–4a.
pristis (Rud., 1802) Luehe, 1911a, 44–46, figs. 58–63 (in marine fishes, especially *Scomber*); 1912, *ZJ*, 279, 280, 281, 282, 305, pl. 13 figs. 5–7.
- RHAMPHOGORDIUS** Ag., 1846, 320, 322 (for *Ramphogordius* Rathke).—Schneid., 1866a, 326, 332.—Stiles & Hass., 1905b, 134.
lacteus (Rathke, 1843) Schneid., 1866a, 326, pl. 27 fig. 1 (Helgoland).
purpureus Schneid., 1866a, 326 (Helgoland).
- RHAPHIDASCARIS** Rail & Henry, 1915, *BSPe*, 271 (tod. *acus*).
- RHIGONEMA** Cobb, 1898a, 311 (mt. *brevicollis*).—Stiles & Hass., 1905b, 134.
brevicollis Cobb, 1898a (b), 311 (16), figs. 29, i–iv (Ing.).—Stiles & Hass., 1905b, 134.

- RHYNGODEA Mol., 1858d, 141 (contains Echinor.); 1861c, 260 (order of Nematoda, contains Echinor.).
- RHYTIS Mayer, 1835, 67-72 (mt. paradoxa) [in special group, Rhytelminthi, next to Nematodea] [not Rhytis Zed., 1803a, worm].—Desigch., 1824rr, 672; 1828i, 608.—Stiles & Hass., 1905b, 135.
- paradoxa* Mayer, 1835, 67-72, figs. 1-3 (in cow).—Stiles & Hass., 1905b, 135.—Tschudi, Miesch. & Nordm., 1839a, 220-221.
- RICTULARIA Frœl., 1802a, 7-13, pl. 1 figs. 1-3 (mt. cristata).—Bory, 1828, v. 14, 618.—Cobbold, 1879b, 296.—Desigch., 1824ss, 672.—Duj., 1845a, 280.—Hall, 1916a, 168-169, 170, 171, 173, 175, 176, 177, 225.—Jægers., 1904, ZA, 660-661; 1909, pt. 3 (6), 1-66, pls. 1-4 figs. 1-23; 1909 (25), 2, 41 (diag.).—Linst., 1909a, 48, 67.—Menz., 1914, AN, 77.—Olss., 1869b, 487.—Seur., 1915, CrSB, 318-322 (1-5), figs. 1-3 (carnivores; N. Africa).—Stiles & Hass., 1899a, 105 (s. Laphyctes); 1905b, 135.
- affinis* Jægers., 1904, ZA, 660 (in fox; Cairo) (nomen nudum except habitat); 1909 (25), 5, 6, 11, 16, 18-21, 25, 29, 31, 34, 42, 43, 44, pl. 2 figs. 4, 6, 9, (in Katzen, Vulpes niloticus; N. Africa, by Looss).—Seur., 1915, CrSB, 318-320, fig. 3 (in intest., jackal and fox, V. v. atlantica; Bou-Saâda); 1917, 24.
- amphiacantha* (Dies., 1851) Jægers., 1909 (25), 40 (in Oxyuriscus rufus=Lemmus dasytrichus; Brazil).—Hall, 1916a, 175 (amphiacanthum) (to Rictularioides).—Par., 1898a (b), 117 (16).
- bovieri* R. Bl., 1886i, 297-304 (4-11), pl. 10 figs. 4-9 (in Vespertilio murinus; Sarreguemines).—Jægers., 1909 (25), 38-39 (in V. m.).—Par., 1889c, 775; 1898a (b), 117 (16).
- cahirensis* Jægers., 1904, ZA, v. 37, 660 (in cat; Cairo) (nomen nudum except habitat); 1909 (25), 2-17, 18, 19, 20, 21, 25, 29, 30, 34, 42, 43, 44, figs. 1-6, pl. 1 figs. 3-5, pl. 2 figs. 5, 7, 10 (in Katzen; Cairo).
- coloradensis* Hall, 1916a, 169, 173-175, 225, figs. 224-228 (in Eutamias quadri-vittatus; Colo.).
- cristata* Frœl., 1802a, 9-13, pl. 1 figs. 1-3 (in Mus sylvaticus; by Frœl.).—R. Bl., 1886i, 303 (10).—Duj., 1845a, 280-281.—Hall, 1916a, 169-170, figs. 216-217 (in Apodemus sylvaticus, Dyromys nitedula, Glis glis, Muscardinus avellanarius; Europe).—Jægers., 1909 (25), 38 (in Mus syl., Myoxus avellanarius, M. glis, M. nitedula [=dryas]).—Olfers, 1816a, 61.—Par., 1889c, 774, 775; 1898a (b), 117 (16).—Rud., 1814a., 89 (=Ophiost. denticulatum); 1819a, 61.
- elvire* Par., 1889c (1890), 771-775 (7-11), pl. 3 figs. 12-15 (in intest., Sciurus rufigenis; Monte Mouleyit, Birmania); 1898a (b), 117 (16).—Hall, 1916a, 169, 170-171, figs. 218-221 (in Dremomys ruf.; Tenasserim).—Jægers., 1909 (25), 39, 42.
- fallax* Jægers., 1909 (25), 35-38, 42, 43, figs. 14, 15 (s. plagiosoma Par.) (in Sciurus melanogaster; S. Sumatra).—Hall, 1916a, 169, 171-172, figs. 222-223 (in S. m.; S.).—Seur., 1915, CrSB, 322.
- macdonaldi* (Dobs., 1880 [macdonaldii]) Bell, 1881, ZR (for 1880), Verm., 7.—Jægers., 1909 (25), 5, 7, 8, 11, 15, 20, 21-30, 34, 42, 43, fig. vii-x, pl. 1 figs. 1-2, 6, pl. 2 figs. 2-3, 8 (in Megaderma frons; White Nile).—Seur., 1915, CrSB, 320, 322 (in intest., Genette, Chauve-Souris; Alger); 1917, 24.
- paradoxa* Linst., 1903u (1904a), 272-273 (8-9), fig. 5 (host unknown); 1904n, 301 to (Gnathost.). (=Gn. shipleyi).—Jægers., 1909, 40-41.—Skrj., 1916, CrSB, 971, 973 (so. Seuratia shipleyi).
- plagiosoma* (Wedl, 1861) Will.-Suhm, 1873a, 331-332 (s. Ophiost. spinosum) (in Vespertilio mystacinus; in bayrischen Hochgebirge).—R. Bl., 1886i, 303 (10).—Hall, 1916a, 171, 172 (so. fallax).—Jægers., 1909 (25), 18 (of Sons., so. affinis), 30, 31-35 (of Par., so. fallax), 37, 38, 42, 43, figs. 11-13, pl. 1 fig. 7, pl. 2 fig. 1 (in Erinaceus libycus; by Looss, in Alexandria, Egypt).—Leiper, 1911, PZSL, 620-621 (in Paradoxurus larvatus).—Linst., 1909a, 67-68, fig. 49 (in V. m.).—Par., 1889c, 775; 1898a (b), 117-118 (16-17) (in Sciurus melanogaster; Mentawai Isl.).—Seur., 1915, CrSB, 322.—Sons., 1888, 113-115; 1888c, 115-119; 1888f, 192-196 (in intest., renard; Cairo).
- proni* Seur., 1915, CrSB, 320-322, figs. 1-3 (in intest., Herpestes ichneumon; Bordj-Menaïel); 1916, CrSB, v. 79 (3), 146-149, figs. 1-2 (in Arvicanthus barbarus, H. i.); 1917, 24.—Hall, 1916a, 169, 225 (in A. b., H. i.).
- shipleyi* (Stoss., 1900) Johnst., 1912, Emu, 106 (in Daption capensis; N. S. W.).
- splendida* Hall, 1913 (1914), PUSNM, v. 46, 73-84, figs. 1-6 (in Canis nebracensis; Colo.).

- RICTULARIIDÆ** Rail., 1916, RMv, 519.
- RICTULARIINÆ** Hall, 1913 (1914), PUSNM, 75 (subf. of *Metastrongylidæ*); 1916a, 162 (*Metastrongylidæ*), 168, 175 (contains *Rictularia*, *Rictularoides*); 1916b, 519.
- RICTULARIOIDES** Hall, 1916a, 168, 175 (mt. *amphiacanthum*); 1916b, 519.
amphiacanthum (Dies., 1851) Hall, 1916a, 175-177, figs. 229-233 (in *Oxymycterus rufus*; Brazil).
- SABATIERIA** Rouville, 1903c, 1529 (mt. *cettensis*); 1905a, 794.—Man, 1907, 61-62, 66, 67.
antarctica Cobb, 1914, 8, 14, 1 fig. (Cape Royds).
celtica Southern, 1914a, 25-26, pl. 3 figs. 8 a-d (Clew Bay).
cettensis Rouville, 1903c, 1529 (free; canal des Bourdigues, Cette); 1905a, 794.
prædatrix Man, 1907, v. 10, 237, 238 (free; Ierseke); 1907, 33, 62, 63-66, 67, 87, pl. 3 fig. 11 (Zealand).
temuicaudata (Bast., 1865) Man, 1907, v. 10, 237, 238; 1907, 33, 62-63, pl. 3 figs. 10, 65-67, 87 (Zealand).
- SCAPTRELLA** Cobb, 1917n, 119 (mt. *cincta*).
cincta Cobb, 1917n, 119, fig. 4 [in marine sand; Miami, Fla.].
- SCHISTOROPHUS** Rail., 1916, JP, v. 2 (3), 99, 100, 102 (s. *Tetracanthus* Hempr. & Ehrenb., 1866 in Schneid., 1866a, 104, non Hope, 1835; *Ancyracanthus* Schneid., 1866, pro parte, non Dies., 1838) (tod. *longicornis*) (*Thelaziidæ*).—Skrij., 1916, 524-525.
acanthocephalicus (Mol., 1860) Rail., 1916, 102 (in *Sterna caspica*, *S. hirundo*).
aulieatina Skrij., 1916, 461, 525-526, figs. 38 (in *Hæmatopus ostralegus*; Russian Turkestan).
bicuspis (Rud., 1819) Rail., 1916, 102 (in *Squatarola helvetica*).
bidens (Rud., 1819) Rail., 1916, 102 (in *Astur palumbarius*, *Merops apiaster*).
capillaris (Mol., 1860) Rail., 1916, 103 (in *Sterna hirundo*).
laciniatus (Mol., 1860) Rail., 1916, 102 (in *Rallus cayennensis*).
longicornis (Hempr. & Ehrenb., 1866) Rail., 1916, 102 (in *Numenius arquatus*, *Totanus glottis*, *Tringa variabilis*).
spinulosus (Mol., 1860) Rail., 1916, 102 (in *Glareola austriaca*).
umbellifer (Mol., 1860) Rail., 1916, 102 (in *Ibis rubra*, *Totanus melanoleucus*).
- SCHIZOCHEILONEMA** Dies., 1861a, 621, 710 (renamed *Tricheilonema* Dies., 1861a, 710, hence type *Tricheilonema megalochilum* (Dies., 1851)), 711.—Stiles & Hass., 1905b, 135.
- SCHLEROSTOMUM** Theobald, 1897b, 3 (misprint for *Sclerost.*).
- SCIADIOCARA** Skrij., 1916, 461, 519-520 (tod. & mt. *umbellifera*); 1916, CrSB, 972, *umbellifera* (Mol., 1860) Skrij., 1916, 462, 520-523, figs. 33-36 (in *Ibis rubra*, *Scolopax major*, *Totanus melanoleucus*).
- SCIADOCARA** Seur., 1916, CrSB, 788 (for *Sciadiocara*).
- SCLEROSTEMA** Morgan, 1868, 73 (misprint for *Sclerost.*).
- SCLERASTOMA** Campb. & Lacr., 1907, 75-76 (misprint for *Sclerost.*).
- SCLEROSTOMA** Rud., 1809a, 35 (tsd. *Str. equinus*) [not *Sclerostomus* Burm., 1847 coleopt.].—Adelmann, 1908, (41), 735-736 (*aneurysma verminosa equi*).—Aitken, 1866, 805, 842; 1872, 150.—Albrecht, 1909, v. 15 (37), 291 (in horse); 1909, v. 21 (4), 161-181, figs. 1-17 (zool. and med.); 1909, v. 48 (5), 105-106.—Anacker, 1892i, 396.—Annett, 1909, v. 21, 520-521 (lesions).—Ashcroft, 1914, CrSB, 442-444.—Bail., 1865, 1-47; 1866b, 47; 1868, 1-64.—Baird, 1853a, 30; 1868b, 262-264, figs. 1-2 (in elephant).—Blainv., 1828a, 544-545 (type *Str. equinus*).—R. Bl., 1888a, 727.—Blum, 1914, v. 9, 1-2.—Bochberg, 1909, v. 5, 354 (med.); 1910, v. 22 (1-2), 73-74 (*Sklerostomen-Seuche*).—Braun, 1883a, 159; 1895b, 210, 213; 1903a, 243, 251, 253; 1908a, 282.—Burm., 1856a, 279.—Cagny & Gobert, 1910, 805-806, figs. 1751-1752.—Carus, 1863, v. 2, 464.—Cobbold, 1861c; 1864b, 361; 1879b, 127, 211; 1883ii, 1398-1399, fig. 73; 1886b, 5 (in bronchi of black swan).—Colin, 1864, 686; 1864a, (1-16).—Darmagnac & Guiart, 1915, Pm, 225.—Dav., 1877a, cxii.—Duj., 1845a, 3, 244, 254-260, 263 (*Sclerostomum*).—Edelmann, (1902) 1903, 216; 1914, 270, 275.—Fischer, 1840, 155.—Gaiger, 1910, v. 23, 364 (in horse).—Galli-Val., 1901c, 361 (larvæ, *Sclerostomines* in cattle).—Giles, 1892b, 25-30, figs.

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- 1-14 (in mule).—Glage, 1906, v. 1, 341-375; 1906, v. 31 (9), 618-624; 1907, v. (30), 580-581.—Goldb., 1855a, 113.—Hall, 1916a, 108-109.—Hartmann, 1916, 221-236, figs. 1-8 (horse).—Hempel., 1912a, 100.—Hummel, 1908, Oct. 10; 1909, v. 86 (5), 184-185.—Hut. & Mar., 1910b, 408, 508, 555, 584, 708; 1913a, 1049.—King, 1894a, 172-177, figs. 1-2, 332-335, figs. 1-2, 664-671, fig. 1 (in horse).—Krabbe, 1866e, 44 (Tyktarmens Slimhinde).—Küech., 1855, 298; 1857, 364.—Leuck., 1867b, 19, 20, 33, 47, 55, 58, 134, 135; 1868a, 402, 413, 439; 1879a, 78; 1886d, 59.—Küehntz, 1913, AmA, 191-265, figs. 1-8, pls. 1-3 (cytology, ova, sperm).—Liautard, 1910, v. 31, 143-144; v. 36 (5), 610.—Lienaux, 1910, v. 18 (32), 475.—Little, 1905, VR, 203; 1906, v. 29 (7), 184.—Looss, 1900c, 154, 158; 1901, 29, 35, 36, 37, 40, 46, 47, 49, 50, 51, 53, 59, 61, 65, 66, 69, 70, 72, 79, 80, 81, 88, 92, 94, 95, 98, 99, 100, 101, 106, 107, 113, 114, 118, 119, 120, 132, 133, 138; 1904, 9; 1905b, 74 (Sklerost.); 1905, 19; 1911a, 209, 221, 320, 325, 328, 365, 396, 397, 398, 402, 515, pl. 14 fig. 160.—Mettam, 1910, v. 23 (1161), 209-210, figs. 1-4 (in horse; by Mettam).—Mol., 1861a (b), 436, 463, 477, 550-554 (12, 39, 53, 126-130).—Moniez, 1896a, 298.—Neum. & Mayer, 1914a, 447.—Olss., 1869b, 488.—Rail., 1884f, 255-256; 1884m, 646-648; 1900, v. 3 (1), 102-107.—Rail. & Henry, 1902a, 110, 111; 1909a, 86; 1909b, 169 (so. Str.); 1912, 563.—Ratz, 1898d, 301.—Rayer, 1842, 1.—Rouville, 1903, 1526-1527.—Schneidem., 1896, 304, 305 (Sklerost.).—Schneid., 1866a, 116.—Shipley, 1896a (1901b), 142.—Sl. & Sw., 1912a, 383-386.—Sons., 1878, 613 (Sclerostomum).—Stiles, 1901p, 530 (g. of Strongylidæ); 1902, 185, 186; 1903, 14.—Stiles & Haas., 1899a, 164 (type of subf. Sclerostominae); 1905b, 135, 136.—Stoss., 1898c, 87; 1899d, 56, 102.—Suffran, 1909, Dec., 1910, v. 59 (5), 303.—Theobald, 1898, v. 5, 21-24.—Vaull., 1901a, 132.—Verrill, 1870, 238, 246.—Weinberg, 1907s, 798-807; 1908g, 25-27; 1908i, 228-229; 1908r, 715-716; 1908see, 604.—Weinberg & Léger, 1908d, 454-455.—Willach, (1891), v. 17, 341.—Wolffh., 1909a, 462-463.—Wucherer, 1866, 63; 1863, 171.—See also Str., Sclerostomum, Sclerottoma.
- aculeatum* (Linst., 1879) Stoss., 1899d, 113 (59) (in intest., *Macacus cynomolgus*).—Smidt, 1906a, 651.
- amphisbænæ* (Mol., 1861) Stoss., 1899d, 132 (78) (in intest., *Amphisbæna kingii*; Brazil).
- aneurysmaticum* (Rud., 1809) Dav., 1877a, 314 (solipède).
- anseris* (Zed., 1800) Neum., 1909, 170, 171 (in Anatidæ, esp. *Anser dom.*).—Nev.-Lem., 1912a, 752.
- apiostomum* Willach, 1891c, 340-346, figs. 1-3 (in *Macacus cynomolgus* s. *Cynomolgus cynocephalus*; Germany); 1891d, 315-316; 1892d, 25-26.
- appendiculatum* (Mol., 1861) Stoss., 1899d, 107-108 (53-54) (in *Coluber lichtensteini*, *Cloelia plumbea*, *Leptophis ahaetulla*, *Liophis cinerascens*, *L. bivittatus*, *L. miliaris*, *L. regius*, *Ophis cœruleus*, *O. merremii*, *O. saurocephalus*, *Spilotes pullatus*; Brazil); 1900a, 2-3, figs. 7-9 (in *Dipsadomorphus irregularis*; W. Pacific).—Shipley, 1900c, 560, fig. F (in D. i.; Malay; also in *Drymobius bifossatus*, *D. bivittatus*, *Leptophis liocercus*, *Rhadinæa merremii*, *S. p.*, *Xenodon merremii*, *X. severus*; also Cl. pl., O. c.).—Also reported for *X. merremii* spix.
- apri* (Gmel., 1790) Braun & Lûehé, 1910, 205.
- armatum* (Rud., 1802) Rud., 1809a, 204 (to Str. (Sclerost.)).—Aitken, 1855, 683.—Anacker, 1888c, 484; 1892k, 396.—Angeloff, 1907, AwPT, v. 34, 41-72, pls. 1-3 figs. 1-9.—R. Bl., 1895, 120-127.—Blumberg, 1884a, 154 (in *Equus cab.*; Kasan).—Bol, 1904, 378-380; 1910, v. 40 (2), 138-152, 1 fig.; 1911, 15-17.—Boli, — ? —, v. 21, 371-381.—Borthwick, 1896, 249-250.—Braun & Lûehé, 1909a, 1151; 1910, 165.—Breeders' Gaz., 1906, v. 49 (13), 704.—Cadiot, 1893, 57-58.—Cary, 1892a, 355-357 (in colt).—Cobbald, 1875d, 210; 1876t, 757.—Dav., 1877a, 1877a, cxiii-cxiv, fig. 62, 229, 335-342, fig. 16 (in âne, cheval, mulet).—Dewitz, 1892b, 143 (to Str.).—Dies., 1851a, 303-305 (in E. c., E. asinus, E. mulus; M. C. V.); 1861a, 717 (s. Str. *armatus*) (in E. c.).—Esser & Schûetz, 1901, v. 27, 307-308 (in E. c.).—Friedberger, 1874.—Frœhner, 1915a, 157, 242.—Gieb., 1866a, 277 (in E. c.).—Gilloost, 1892, 295.—Graves, 1904a, 153-158, 220-226.—Haase, 1901b, 312.—Hayem, [1874, RMv, 946-947]; 1874, v. 11, 508; 1874, v. 23 (6), 351-353; 1875, v. 36, 260 (in Enten) [see auratum, not armatum Rud.].—Hinebauch, 1892a, 327-329, 331-332.—Hinrichsen, 1897, 607-608.—Hut. & Mar., 1905, 860, 866, 872; 1906a, 326.—

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King, 1844, v. 17 (193), 20; 1894, v. 67 (795), 172-177, figs. 1-2; v. 67 (797), 332-335, figs. 1-2; v. 67 (801), 664-671, 1 fig.—Knoll, 1908, BtW, 529-532.—Korbellus, 1899, 118, 121.—Kowal., 1904, 7 (22) (in E. c.; Lwów).—Leidy, 1856b, 54; 1891, 235.—Leuck., 1867b, 135, 136, 151; 1868a, 365, 402, 414, 444, 446, 447, fig. 258; 1876a, 881; 1879a, 15, 85, 89, 98, 118, 168; 1886d, 11, 64, 67, 74, 90, 131.—Lineaux, 1887, 311-313.—Lingard, 1905, 50 (in E. c.).—Linst., 1906, 170 (in E. c.); 1903, 270.—Looss, 1900c, 151, 153, 154-155, 156; 1901, 36, 47, 96; 1901, 78; 1905, 54.—Lutz, 1893a, 128 (Hawaii).—Mégny., 1874g, 620; 1884f, 396-397 (in E. c.); 1884g, 622.—Michalik, 1892, 97.—Mol., 1861, 130-134, pl. 7 figs. 4-7.—Montg., 1906, 21 (in ponies; India).—Mosler & Peiper, 1894, 252.—Mueh., 1898, 48.—Nassonov, 1899a, 61-86.—Oefele, 1902a, 495.—Pader, 1893, 287-289.—Perronc., 1882a, 361.—Pieri, 1905, 728.—Pöppel, 1897; 1908, July 23, 529-532 (aneurysms).—Place, 1915, v. 18, 855-860.—Rabbaglietti, 1892; 1893a, 188 (in horse); [1893b, 153 (does not mention name; "Vermineous aneurism in horse")].—Rail., 1884f, 255-256 (in E. c.; Saumur); 1884g, 301-302 (in horse; Pau); 1893a, 456-461, figs. 313-318 (so. equinum, s. Str. asinus, S. equinus); 1896, 14 (50), 394-407; 1897, 1133, 1134; 1899, 344; 1900, 82.—Schneidern., 1896a, 314 (Sklerost.) (to Str.).—Schneid., 1866a, 133.—Schwätz, 1907, AwpT, 72-77.—Shipley, 1896a (1901b), 163.—Sons., 1878, 613 (Sclorost.); 1896a, 333.—Stern, 1901a, 307-308.—Sticker., 1901a, 187-226, pl. 2, 33 figs; 1901b, 253-257; 1902b, 174-175; 1902c, 20-21; 1902d, 211-213; 1902e, 343-344.—Suffran, 1909, v. 66 [n. s.], v. 34 (12), 741-745, 1 fig.—T. A. B. C. (VN), 1910, (324), v. 7, Mar. 19, 157.—Theobald, 1900, 52-55.—Verrill, 1870, 246.—Ward, 1895a, 308, 340 (in E. c.).—Wedl.—Willach, 1890a (1891a), 301; 1891b, 108-118, figs. a-e; 1891, v. 17, 342.—Worthington, 1896a, 165.—Züern, 1882, 256 (to Str.).

armatum major, intestinalis (Rud., 1809a) Dies., 1851a, 304, 305 (s. equinum, Str. equinus, S. asinus, S. armatus) (in Equus asinus, E. cab., E. mulus; M. C. V.).

armatum minor Rail., 1884f, 255-256 (in Equus cab.; Saumur).

armatum minor, aneurysmaticus (Rud., 1809) Dies., 1851a, 304-305 (s. Str. armatus, S. a. minor) (in Equus asinus, E. cab.; Europe).

auratum Lütken, 1876, ZR, v. 508 (in ducks; quotes Hayem, 1874, RMv, 946-947) (see also under *armatum*).

bairdi Stoss., 1899d, 133 (79) (*mucronatum* Baird renamed) (in intest., *Phrymaturus palluma*).

bidentatum Sticker, [nv.].—Ebhardt, 1909, DtW; 1909, TR, v. 15 (31), 242 (eosinophilia).—Adelmann, 1908, 39; 1908, AwpT, 342, figs. 1-13.—Folger, 1908, 109 (s. Str. armatus).—Fröner, 1915a, 242 (so. Str. armatus).—Hut. & Mar., 1906a, 326, 405; 1910b, 409, 508; 1913b, 509, 512.—Lineaux, 1910, AVR, v. 37, 667.—Stier, AwpT, 1913, v. 39, 435-448, pl. 7.

—, chemo-tactic action of extract of, on polymorphonuclear eosinophiles.—Vallillo, 1908a, 505-526; 1908b, 283; 1908c, 257-279; 1908d, 628; 1909a, 91-92; 1909b, 177; 1909c, 177; 1909d, 184; 1909e, 70-72; 1909f, 256; 1909g, 224-225; 1910a, 162-163.

boularti Mégny., 1884k, 455-461, pl. 30 figs. 1-6 (in *Casuarus galeatus*; Mus. Paris); 1884s, 727.—Rail., 1898e, 402 (to *Syngamus*).—Rollest., 1888a, 688.—Stoss, 1899d, 132 (78) (in trachea, C. g.).

brevipene (Mol., 1861) Stoss., 1899d, 132 (78) (in *Dryophis fulgidus*, *Ophis rhodogaster*; Brazil).

caninum Erc., 1859a, 313-314, fig. 65 (in *Canis* fam.; Torino).—Rail., 1893a, 470 (so. *Unc. trigonoc.*); 1900d, 89.—Ward, 1895a, 343 (in C. f.).

clathratum Baird, 1868b, 262-264, figs. 2-2c (in *Loxodonta africana*; by Baird).—Lane, 1914, July, 380 (in Indian elephants) (to *Grammoc.*).—Piana & Stazzi, 1900a, 511, fig. 1; 1901, 416.—Stazzi, 1900a (b), 452, 466 (3, 6) (in *Elephas*).—Stoss., 1899d, 132 (78) (stomach, E. africanus).

copulatum (Mol., 1861) Rail., 1898b, 174 (s. Str. cohaerens) (in Agouti); 1898e, 402 (3).—Hall, 1916a, 115 (to *Eucyathost.*).—Stoss., 1899d, 112 (58) (in *Dasyprocta aguti*; Brazil).

coronatum (Mol., 1861) Stoss., 1899d, 114 (60) (in intest., *Phyllostoma discolor*; Brazil).

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- costatum* (Rud., 1819) Duj., 1845a, 260 (intest. d'une couleuvre).—Dies., 1851a, 298.—Looss, 1901, 46.—Stoss., 1899d, 104 (50) (in intest., *Bothrops iaraacca*, *Erymnus macrolepidotus*, *Herpetodryas bicarinata*, *Hylophis lævicollis*, *Lachesis rhombeata*; Brazil).
- cyathostomum* Dies., 1851a, 306–307 (*Cyathost. lari* renamed) (in cavo orbitæ, *Larus ridibundus*; by E. Bl.); 1861a, 717–718.—Linst., 1878, 167.—Mol., 1861a (b), 561 (137) (*So. lari*).—Müeh., 1898b, 48 (s. *Str. lari-ridibundi*) (in L. r.).—Par., 1894a, 235 (in L. r.).—Rans., 1904a, 43 (so. *Syngamus lari*).—Stoss., 1899d, 100 (46) (so. *Syng. lari*).
- dentatum* (Rud., 1803) Rud., 1809a, 209 to Str. (*Sclerost.*).—Blainv., 1828a, 545 (intest., *Susscrofa*) to *Sclerost.*—[Anacker, 1892k, 396 (? of Rud. or of Dies.).]—Cobbold, 1873c, 123 (in hog); 1879b, 412 (in intest., swine) (to Str.).—Dav., 1877a, cxiv, 231 (in pig).—Dies., 1851a, 305–306.—Eberth, 1863a, 64, 65, 66, 67, 68, 70, 71, pl. 8 fig. 3 pl. 9 fig. 5.—Looss, 1901, 47.—Mol., 1861a (b), 445 (21) (so. *Oesophagost. subulatum*).—Nordm., 1840a, 650 (to Str.).—Perronc., 1891, 211.—Rail., 1893a, 451 (= *Oesophagost.*).—Schulthess, 1882a, 190.—Smidt, 1906a, 648 (of Looss).—Stoss., 1899d, 94 (40) (to Oes.).—Verrill, 1852.—White, 1859b, 428.—Züern, 1882a, 263 (to Str.).
- dentatum* (Dies., 1839) ? Leidy, 1856b, 54 (of Rud.) (in liver, hog); 1904a, 100.—Bail., 1866b, 56.—Dies., 1861a, 717.—Looss, 1905, 19.—Mol., 1861a (b), 445 (21) (so. *Oesophagost. subulura*).—Sl. & Sw., 1912a [386], 518.—Stoss., 1899d, 101 (47) (to *Stephanurus*).
- dimidiatum* (Dies., 1851) Stoss., 1899d, 105 (51) (intest., *Rhea americana*; Brazil).
- diploodon* Stoss., 1899d, 115–116 (61–62) (*Diploodon mucronatum*, 1861 renamed) (in intest., *Dasypus gilvipes*; Brazil).
- dispar* Dies., 1851a, 303 (trachea, *Felis concolor*; Brazil); 1861a, 717.—Cobbold, 1879b, 309 (in lungs, puma).—Looss, 1901, 47.—Mol., 1861a (b), 565 (141) (to *Syngamus*).
- duodenale* (Dubini, 1843) Cobbold, 1864b, 361–362, fig. 77; 1866a, 5; 1867, 5.—Aitken, 1866, 805, 862; 1872, 146, 176; 1874, 57.—Braun, 1903a, 294; 1908a, 330; 1915a, 352.—Brumpt, 1910a, 365; 1913a, 428.—Cast. & Chalm., 1910a, 432; 1913a, 554.—Dungl., 1893 (1895a), 821, 992 (in *Homo*; Egypt, N. Italy).—Fagge & Pye-Smith, 1902a, 466.—Huber, 1896a, 597.—Nev.-Lem., 1902a, 107; 1908a, 438.—Parkes, 1891, 80.—Rail., 1893a, 465 (to Unc.).—Simon, 1897a, 226.—Sl. & Sw., 1912a, 332.—Stev. & Murphy, 1892, v. 1, 274 (to Doch.).—Stiles, 1902, 192; 1903l, 21.—Tyson, 1903a, 1193.—Ward, 1885a, 311, 331 (in H.); 1903, 221.—Wucherer, 1869, 183.
- edentatum* Looss, 1900c, 153, 155 (in *Equus* cab.; Tokio & Coll. Spengel); 1901a (1902), 38, 39 (in horse, donkey), 49, 51, 53, 55, 60, 72, 77, 78 (sp. diag.), 135, pl. 1 figs. 6–10, 11.—Adelmann, 1908, 40.—Fiebiger, 1912a, 281, figs. 195, 197.—Frœhner, 1915a, 242.—Gough, 1908, 4 (in *Equines*; Transvaal).—Hartog, 1914, 528–529; 1914, BtW, 428.—Hut. & Mar., 1906a, 405; 1910b, 509; 1913b, 509, 511, 512, fig. 14.—Ihle, 1917, 164.—Lienaux, 1910, AVR, v. 37, 667.—Martin, 1910, v. 37 (1–2), 106–151 (1–50), tables 1–7, pl. 1 figs. 1–6 (*Sklerost.*).—Maupas & Seur., 1916, 614.—Neum. & Mayer, 1914a, 448.—Nev.-Lem., 1912a, 742.—Place, 1915, 856.—Rail. & Henry, 1902a, 111, 112 (in E. c.).
- edontatum* Looss, 1901a (1902), 50 (misprint for *edentatum*).
- epistomum* Piana in Piana & Stazzi, 1900a (b), 467, 468, 469 (6, 7, 8) (in *Elephas*); 1900a, 511, 515–518, 519, 524, 528–529 (6, 7, 8), figs. 6–9 (in *Elephas indicus*; India); 1901, 416.—Galli-Val., 1901c, 360 (in E.).—Lane, 1914, July, 380 (in E.).
- equinum* (Müell., 1784) Blainv., 1828a, 545 (in horse).—Adelmann, 1909, v. 13, 261–262; 190–?, v. 34, 297–342 (in h.).—Anacker, 1892k, 396.—Assénova, 1899, 104.—Bail., 1866b, 14, 23, 47–51, 52, 55 (s. *Str. armatus*).—Baird, 1861f, 271–272; 1861g, 502–503.—Barrier, 1894, 327–328.—R. Bl., 1889d, 708; 1895b, 120–127; 1906, 373.—Bondouy, 1908, Pm, v. 16 (95), 768; 1908, CrAS, v. 147 (20), 928–930; 1909, Rv, v. 34 (3), 162 (hemolytic alcaloid); 1909, BIP, v. 7 (4), 176–177; 1910, AdF, v. 14 (1), 5–39.—Braun, 1903a, 298.—Cadiot, 1893, 57–58.—Campb. & Lacr., 1907, 75–76 (*Sclerast. treatment*).—Carey, 1892, 355–357.—Clansy, 1884, 302–303.—Cobbold, 1876f, 6.—Cohn, 1899a, 14, 19, 21.—Conte, 1900c, 846–848; 1904, 4.—Conte & Bonnet, 1903, 199; 1904, v. 50, 68.—Cocu & Hue, 1896a, 394–395 (in horse).—Cory, 1917, QAJ, 121 (treatment).—Curtice, 1890c, 161, 162.—Dies., 1851a, 303, 305 (so. *S. armatum*).—Domenico, 1906, ASISn, v. 17, 85–87 (in *Canis* fam.).—Duj., 1845a, 257–259

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(s. *Str. armatus*, *S. equinus*, *S. a. minor*).—Duncan, 1887b, 389–390.—Dyer, 1901, 94.—Fiebiger, 1912a, 280, fig. 196.—Francis, 1894, 451.—Francke, 1894, 507–509.—Frœhner, 1915, 242.—Galli-Val., 1898n, 376; 1901c, 360 (in *Equus* cab.); 1908, 611.—Garin, 1913, 7, 8, 33.—Giles, 1902b.—Hempelm., 1912a, 108.—Hut. & Mar., 1906a, 404; 1910b, 508; 1913b, 509, 511, 512.—Ihle, 1917, 164, 165.—Isola, 1906, v. 17, 85–87 (encysted in stomach wall, *C. fam.*; by Isola).—Jammes & Martin, 1908, 208, 209.—Kholodk., 1899a, 175, fig. 208.—King, 1887, 391; 1894, 172–177.—Kinsley, 1914, 148, 166.—Knoll, 1908, BtW, 529.—Korbelius, 1899a, 118, 121.—Kowal., 1904, v. 38, 22 (7) (in *E. c.*; Lwów).—Krabbe, 1866e, 40–46; 1866f, 361.—Leuck., 1867b, 135, 136, 151; 1868a, 365, 402, 414, 444, 446, 447, fig. 258; 1876a, 881; 1879a, 85, 89, 98, 118, 168; 1886, 64, 67, 74, 90, 131.—Lingard, 1905d, 50 (in horse).—Lindquist, 1867b, 300–302.—Linst., 1903u (1904a), 270 (6) (in *E. hemionus*; Tibet); 1906, v. 3 (11), 170 (in horse; Colombo).—Looss, 1900c, 153, 154–155, 156 (= *Str. armatus* = *neglectus*); 1901, 35; 1901, 77 (so. *Sci. edentatum*); 1901, 36, 38, 42, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 59, 60, 62, 67, 72, 73, 76–77 (sp. diag.), pl. 1, figs. 1–5, 11, 85, 121, 135; 1905, 19; 1911a, 324.—Martin, 1913, 4, 36, 64, 67–68, 121, 127.—Maupe & Seur., 1916, 614.—Mégn., 1874g, 620.—Mosler & Peiper, 1894a, 252.—Müeh., 1898b, 48 (in *E. c.*)—Neum. & Mayer, 1914a, 447, 448.—Nev.-Lem., 1912a, 729.—Oefele, 1902a, 495.—Pader, 1893b, 287–289.—Pieri, 1905c, 728.—Pöppel, 1897a, 1–57, figs. 1–31.—Rail., 1893a, 456–461, figs. 313–318; 1899g, 344; 1900d, 82.—Rail. & Henry, 1902a, 110, 111, 112.—Ratz, 1898d, 303, 304.—Repiquet, 1899, 650–652.—Saunders, 1914, 132, 137.—Scheiber, 1880, 164.—Schneid., 1866a, 133 (so. *Str. armatus*).—Shipley, 1898e, 629; 1909f, P, v. 1, in 263–279.—Sl. & Sw., 1912a, 384, 385, 402, 403, 404, fig. 208.—Smith (A. J.), 1908a, 268 (in *E. c.*; Iowa).—Sticker, 1902e, 343–344.—Stoss., 1899d, 109–110 (55–56) (in *E. asinus*, *E. c.*, *E. mulus*).—Stiles & Hass., 1894e, 345 (in *E. asinus*, *E. c.*)—Theobald, 1898a, 21–24 (in horse) (thymol, treatment).—The Veterinarian, 1894, 169–172.—Vaull., 1901a, 122, 125.—Verrill, 1870, 178; 1870, 246, 247 (fig.).—Ward, 1895a, 308–311, 340 (in *E. c.*); 1897b, 186–189, figs. 10–12 (in horse; Nebraska).—Weinberg, 1907o, 533–538 (26–31); 1907s, 798–807 (action on blood); 1908, 533–534; 1908, v. 64 (14), 673–674; 1908t, 49.—Williams, 1887, 391; 1911 (435), v. 67, 551.—Wucherer, 1869, 171, 183.—Züern, 1882a, 256 (so. *Str. armatus*).

equinum Krabbe, 1866e, 40–46; 1866f, 361 [nv.] (for *equinum*).

ersiliae (Stoss., 1896) Stoss., 1899d, 107 (53) (in *Python molurus*; India).

filaria (Rud., 1809) Braun & Lûche, 1910a, 205 (in sheep).

galeatum (Rud., 1819) Duj., 1845a, 260 (intest. *Podinema teguixin*; Brazil).—Dies., 1851a, 297 (renamed *Diaphanoc. strongyloides*).—Looss, 1901, 46.—Mol., 1861a (b), 582 (158) (so. D. s.).—Stoss., 1899d, 103–104 (49–50) (s. D. s.) (in *Coluber* sp., *Otenodon nigropunctatus*, *Dendrophis pictus*, *Podinema scripta*, *P. teguixin*, *Thoricis dracena*; Brazil, Sumatra).

hexacanthum Wedl, 1856a, 52 (tetracanthum renamed), 53, pl. 3 figs. 31–33.—Mol., 1861a, 454 (30) (so. *Cyathost. t.*)—Rail., 1893a, 461 (so. t.).—Ward, 1895a, 340 (in *Equus* cab.).

hypostomum (Rud., 1819) Duj., 1845a, 255–257 (s. *Str. cernuus*) (in *Antilope rupicapra*, *Cervus capreolus*, *Ovis aries laticaudata*, *O. ammon*; Mus. Wien).—Bail., 1866b, 23 (*hypostomum*), 54–56.—Bénion, 1874a, 628 (in sheep).—Borgeaud, 1898a, xlviii–xlix; 1899a, 435.—Blgr., 1914, v. 7 (3), 242 (so. *Chabertia ovina*).—Campb. & Lacr., 1907, 76 (*Sclerast.*).—Caucurte, 1911, 208–209.—Cobbold, 1876f, 6.—Curtice, 1890c, 16, 145, 161–164, 168, pl. 23.—Dewitz, 1892b, 133, fig. 99.—Fiebiger, 1912a, 286.—Galli-Val., 1898c, 8.—Gough, 1908, 4 (in sheep; S. Africa).—Hornby, 1913, 540, 541, 542, 543.—Hut. & Mar., 1906a, 408; 1910b, 515; 1913b, 216, fig. 76.—Ihle, 1917, 166.—Leuck., 1867b, 19, 34, 45, 55, 135, figs. 8, 17, 105; 1868a, 402, 415, 444.—Looss, 1901, 46, 47, 60; 1905, 54.—Mol., 1861a (b), 558–560 (134–136) (in *Ant. rup.*, *A. dorcas*, *A. leucoryx*, *Capra ar. erythrocephala*, *C. a. hispanica*, *C. a. laticaudata*, *C. hircus*, *C. h. mambricus*, *C. ammon*, *Cervus dama*, *C. elaphus*, *C. capreolus*).—Müeh., 1898b, 48 (in *C. h.*)—Nev.-Lem., 1912, 726.—Olss., 1869b, 482.—Rail., 1888k, 217, 218 (in chabín, chèvre, mouton); 1893a, 463–464, fig. 321 (s. *Str. ovinus*); 1900, 106 (so. *Monodontus trigonoc.*)—Raas., 1911a, 30 (so. M. t.), 35 (so. *Chabertia ovina*).—Sl. & Sw., 1912, 386, 402.—

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Stewart, 1898a, 325.—Stiles & Hass., 1894e, 345 (in *Ovis ar.*).—Stœdter, 1901a, 7, 75.—Stoss., 1899d, 102 (48) (so. *ovinum*).—Verrill, 1870g, 65.—Ward, 1895a, 337 (in *O. a.*).

hypostomum Bail., 1866b, 23 (misprint for *hypostomum*).

inermis (Mol., 1861) Stoss., 1899d, 106 (52) (in *Bothrops ijaraca*, *Crotalus horridus*; Brazil).

isotrichis Stoss., 1899d, 132 (78) (for *isotricis*) (in *Isothrix pachyura*).

isotricis Mol., 1861a (b), 560 (136) (s. *Str. loncheris*) (in *Isothrix pachyura*; Brazil, M. C. V.).—Hall, 1916a, 108 (so. *Str. isotrichis*).—Stoss., 1899d, 132 (*isotrichis*) (in *Echinomys anticola*, I. p.; Brazil).

kalicephalum Stoss., 1899d, 106 (52) (*Kalic. mucronatus* renamed) (in *Crotalus horridus*; Brazil).

labratum Looss, 1900c, 159 (in *Equus*; Egypt).

lari (E. Bl., 1849) Mol., 1861a (b), 561 (137) (in *Larus ridibundus*; by E. Bl.) (s. *Sclerost. cyathostomum*).—Rans., 1904a, 43 (to *Syngamus*).—Stoss., 1899d, 100 (46) (to *Syn.*).

longecirratum (Linst., 1879) Stoss., 1899d, 114–115 (60–61) (intest., *Bos grunniens*).—Nev.-Lem., 1912a, 743.

longesubulatum (Mol., 1861) Stoss., 1899d, 113 (59) (in *Cervus campestris*, *C. rufus*; Brazil).—Rans., 1911a, 38 (to *Eucyathost.*).

minor Rail., 1884f, 225–256 (testicle, *Equus cab.*; Samur) (*Sc. armatum minor*).

molini Stoss., 1899d, 115 (61) (*Diploodon quadridentatum* renamed) (in *Mycetes coraya*; Brazil).

monodon (Linst., 1882) Stoss., 1899d, 115 (61) (in *Oidemia nigra*; Hameln).

monostechum Cobbold, 1879b, 402 (misprint) (in *Tapirus americanus*).

monostichum Dies., 1851a, 306 (in *Tapirus americanus*; Brazil; M. C. V.); 1857, 22, pl. 3 figs. 15–24; 1861a, 717.—Looss, 1901, 47.—Schneid., 1866a, 142 (to *Str.*).—Stoss., 1899d, 96 (42) (to *Oesophagost.*).

mucronatum (Frœl., 1791) Stoss., 1899d, 108–109 (54–55) (s. *Str. anseris*, *Str. nodularis*, *Str. crispinus*, *Str. nodulosus*) (in *Anser dom.* (Greifsw.)), *Anas acuta*, *A. leucops*, *A. strepera* (Wien), *A. albifrons* (Helsingfors), *A. segetum* (Wien), *Bernicla leucopsis*, *Bucephala clangula*, *Fulix marila*, *Fulica atra* (Monaco, Venezia), *Fuligula cristata*, *Mareca penelope*, *Oidemia fusca*, *O. nigra*, *Querquedula crecca*, *Q. circia*, *Somateria mollissima* (Helsingfors)).—Gedœlst, 1903a, 56, 106 (in *Anser cinereus dom.*).—Kowal., 1902d, 25 (7) (in *Anas dom.*; Dublany).

mucronatum Baird, 1862c, 314 (in *Phrymaturus palluma*; from Chili).—Stoss., 1899d, 133 (79) (so. *bairdi*) (in *P. p.*).

ovinum (Fabr., 1794) Rail., 1893a, 463; 1900d, 82.—Kowal., 1902d, 12, 30 (s. *Str. hypostomus*).—Rans., 1911a, 35 (to *Chabertia*).—Stoss., 1899d, 102–103 (48–49) (s. *Doch. hypostomus*, *Sclerost. hypostomum*, *Str. hypostomus*) (in intest., *Antelope dorcas*, *A. leucoryx*, *A. rupicapra*, *Capra hircus*, *Cervus capreolus*, *C. dama*, *C. elaphus*, *Ovis ammon*, *O. argali*, *O. aries*).

pelecani Chatin, 1874a, 6–11, 17, pl. 1 (8), fig. 12 pl. 2 (9) figs. 1–3 (in *Pelecanus onocrotalus*; Mus. Paris).—Seur., 1916, 360 (in *P. o.*).—Stoss., 1899d, 133 (79) (in *P. o.*).

pinguicola Verrill, 1870, 179, 248, 249 (fig.); 1870g, 223–224, 1 fig.; 1870h, 1–2, fig. 1 (in kidney, *Sus scrofa dom.*; Conn.).—BG, 1906, v. 49 (5), 247–248.—Cary, 1915, Bull. 185, AAES, 43–44.—Cobbold, 1873c, 119; 1879b, 409.—Cultivator & Country Gentleman, Albany, 1872, v. 37, 586.—Dietrich, 1910, v. 57 (12), 747–748.—Fiebiger, 1912a, 287.—Henry, 1909, v. 20 (4), 319–320, figs. 1–3.—Leuck., 1876a, 881; 1879a, 180.—Linst., 1903u (1904a), 270 (6) (in *S. s. dom.*; Rennes).—Looss, 1894, v. 20 (6), 561; 1905, 19.—Magal., 1894d, 821; 1894e, 292–297, 1 fig.—Mayo, 1910, v. 57 (14), 866.—Misson, 1908, v. 18, 634–635.—Orange Judd Farmer, Chicago, 1900, v. 8 (15), 237.—Rail., 1893a, 452 (so. *Stephanurus dentatus*).—Schneidem., 1896a, 319 (*pinguicola*) (so. *dentatus*).—Seiler, 1902a, 32.—Sl. & Sw., 1912a, 386.—Tayler [Jones], 1900a, 612–637, figs. 30–45 (s. *Stephanurus dentatus*, *S. nattereri*, *Str. dentatus*) (in *S. s. dom.*; America, Australia); 1903a (8); 1903b, 197–198; 1904a, 13.—Ward, 1895a, 308.—Züern, 1882a, 278 (so. *Steph. d.*).

pinguicola Schneidem., 1896a, 319 (for *pinguicola*).

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- quadridentatum* Duj., 1845a, 258 (in *Equus cab.*).—Adelmann, 1908, 40.—Anacker, 1892k, 396.—Dies., 1851a, 305 (renamed *Sclerost. tetracanthum*).—Fiebiger, 1912, 280.—Fröhner, 1915a, 242.—Hut. & Mar., 1906, 404; 1910b, 508; 1913, 509.—Küech., 1855, 298.—Looss, 1901, 35; 1901, 47.—Nev.-Lem., 1912a, 743.—Schneid., 1866a, 134 (so. *Str. tet.*).—Ward, 1895a, 340 (in *E. c.*).
- rectum* Linst., 1907, v. 3 (3), 255, pl. 6 fig. 11, pl. 7 fig. 12 (in *Elephas africanus*; Kamerun).—Lane, 1914, IJMR, 391 (possibly a *Murshidia*).
- robustum* Giles, 1892b, 25–30, figs. 1–5 (in *Equus mulus*; India).—Looss, 1900c, 190; 1901, 84, 85, 86, 119, 120.—Montg., 1906, 21 (in ponies; India).—Rail., 1893a, 463.—Rail. & Henry, 1902a, 110 (type of *Oesophagodontus*).—Stoss., 1899d, 112–113 (58–59) (intest., *Equus cab.*, *E. m.*; India).—Ward, 1895a, 340 (in *E. c.*).
- rubrum* Theobald, 1898a, 21–23 (in horse) (quotes also J. S.—E. Agric. College; lng.); 1900a, 55–56.
- rufescens* (Leuck., 1865) Braun & Lühe, 1910a, 205.
- spunculiforme* Baird, 1859c, 425–427 (in elephant); 1868b, 262–264, figs. 1–1c (in Indian elephant; by Baird).—Cobbold, 1882a, 224, 226–230, 231, 232, fig. 1, pl. 23 figs. 1–2, 6–8 (in *Elephas indicus*).—Dies., 1861c, 281 (in *E. i.*; Lond.).—Lane, 1914, July, 380 (in Indian elephants), 382 (in *E. i.*).—Mitter, 1912, 111, figs. a–b 1 (in *E. i.*).—Piana & Stazzi, 1900a, 511, 527–528; 1901, 416.—Stazzi, 1900a (b), 452, 453, 467 (3, 5, 6) (in *E.*).—Stoss., 1899d, 114 (60) (in *E. i.*).
- species* King, 1844a, 20 (in scrotum, horse; Eng.).
- species* Galli-Val., 1901c, 361 (in elephant; Milan).
- species* Morgan, 1868, 73 (in badger) (*Sclerostema*).
- species* Piana & Stazzi, 1900a, 518–519, figs. 10–11 (in colon, Indian elephant).
- species* Theobald, 1897b, 3–9, figs. 1–6 (in Arab horses) (*Sclerostomum*).
- spinuliferum* (Baird, 18–[nv]) Cobbold, 1879b, 393 (in elephant).
- spinulosum* (Linst., 1879) Stoss., 1899d, 111–112 (57–58) (in *Capra ibex*).—Rans., 1911a, 40 (to *Eucyathost.*).
- strumosum* (Mol., 1861) Stoss., 1899d, 106 (52) (intest., *Coluber lichtensteini*; Brazil).
- struthionis* Horst, 1885b, 263–268, pl. 8 figs. 1–6 (in *Struthio molybdophanes*; Zool. Gard., Rotterdam).—Linst., 1889a, 47.—Rail. & Henry, 1911, 754.—Stoss., 1899d, 112 (58) (in *S. m.*).
- subulatum* (Mol., 1861) Stoss., 1899d, 107 (53) (in intest., *Boa constrictor*, *Bothrops iararaca*, *Lachesis rhombeata*; Brazil).
- syngamus* Dies., 1851a, 302–303 (s. *Fasc. trachea*, *Dist. lineare*, *Syngamus trachealis*, *Str. trachealis*, *S. meleagris-gallopavonis*) (in *Anas boschas dom.*, *Corvus pica*, *Cypselus apus*, *Meleagris gallopavo*, *Pavo cristatus*, *Pardix cinerea*, *Phasianus gallus*, *P. colchicus*, *Picus viridis*, *Sturnus vulg.*; America, Eng., Germany, Ireland, Rennes); 1861a, 717 (s. *Str. t.*, *Str. pictus*) (in *Corvus cornix*, *Ph. g.*; Phila.).—Cobbold, 1861a, 439–443; 1861b (c), 304–311 (550–551), figs. 1–6; 1864b, 362; 1866b, 5 (in chicken, partridge); 1869a, 67 (in fowl, grey partridge, pheasant); 1879b, 440, 443, 445.—Dav., 1877a, cxii, cxiv–cxv, figs. 23, 37–38, 63 (in coq, dindon).—Dunl., 1893, 992.—Hass., 1896a, 6 (so. *Syng. t.*); 1896b, 2.—Lab., 1875, 260.—Looss, 1901, 47.—Mégn., 1882, 990, 1045; 1883a, iv+1–22, pls. 1–2.—Nev.-Lem., 1912a, 745.—Paaren, 1870a, 149–150, fig. 99 (in chickens; U. S. A.).—Perronc., 1882a, 372.—Rail., 1893a, 453.—Renne, 1880a, 11–12.—Veterinarian, 1876, 708.—Wucherer, 1866, 63.
- tadornæ* (Chatin, 1874) Linst., 1878a, 152 (in *Tadorna vulpanser*).
- tetracanthum* (Mehl., 1831) Dies., 1851a, 305 (s. *quadridentatum*, *Strongyli armati proles*) (in *Equus asinus*, *E. cab.*, *E. mulus*; Berl., Brazil) (divided into var. *minor* and *major*).—AVR, 1909, v. 36 (2), 271.—Anacker, 1892k, 396.—A., D., & E., 1901b, 5.—Bail., 1866b, 51–53, 55.—Bochborg, 1910, v. 22, 489.—Braun, 1903a, 298.—Buffington, 1892a, 734–741; 1893a, 564–573 (in horse).—Campb. & Lacr., 1907, 76 (*Sclerast.*).—Cobbold, 1875e, 243.—Cocu & Hue, 1896a, 407 (in horse).—Cory, 1917, QAJ, 121 (treatment).—Curtice, 1890c, 161, 162.—Dav., 1877a, cxiv, 229.—Duncan, 1887b, 389–390.—Fiebiger, 1912, 285.—Fröhner, 1915a, 249.—Galli-Val., 1898n, 376.—Garin, 1913, 8.—Giles, 1892a (7), 1–23, figs. 1–19; 1902b, figs. 6–11.—Hart,

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tetracanthum—continued.

1875a, 581–585.—Hut. & Mar., 1906a, 405; 1910b, 509; 1913a, 509.—Ihle, 1917, 164.—Kinsley, 1914, 166.—Korbelius, 1899a, 118, 121.—Leuck., 1868, 41; 1868a, 444, 446, 447, fig. 256; 1879a, 27, fig. 14; 1886d, 20, fig. 14.—Linst., 1904f, 9 (of Wedl, to Cylichnost.).—Looss, 1900c, 156, 159 (to Cyathost.); 1901, 47, 87, 88, 93, 96, 104, 120, 121, 122; 1911, v. 4, 324.—Montg., 1906, 21 (in ponies; India).—Mosler & Peiper, 1894a, 252.—Oefele, 1902a, 495.—Place, 1915, 855.—Probstmayr, 1863a, 131–133.—Rail., 1893a, 461 (s. *Sclerost. quadridentatum*, *Sclerost. hexacanthum*); 1897, 1133, 1134; 1899g, 344.—Richardson, 1911, v. 8 (374), 128–129 (anemia).—Savournin, 1889, 831–835.—Schneidem., 1896a, 315 (*tetracanthum*).—Sl. & Sw., 1912a, 385, 402.—Sons., 1892e, (f), 94, (4); 1896a, 333.—Stiles & Hass., 1894e, 345 (in *Equus cab.*).—Stoss., 1899d, 110–111 (56–57) (in E. a., E. c., E. m.; Europe, India, Brazil).—Stringer, 1903a, 1047–1052; 1903b, 287–292; 1903c, 352–353; 1903d, 732–734.—Theobald, 1898a, 21 (in horse); 1900a, 55–56.—Vaull., 1901a, 125, 133.—Verrill, 1870, 178.—Ward, 1895a, 340 (in E. c.).—Wilkie, 1896, 18–21.—Willach, 1891, v. 17, 342.—Vet. J., 1909, 408–409.—Wolffh., 1911, 71.—Wucherer, 1869, 183.

tetracanthum Schneidem., 1896a, 315 (for *tetracanthum*).

tracheale (Sieb., 1836) Dies., 1851a, 303 (trachea, *Ciconia nigra*, *Corvus cornix*; by Nathusius and Crep.); 1861a, 717 (in C. n.).—Dolley, 1894a, 1010 (to *Syngamus*) (in *Gallus dom.*).—Looss, 1901, 47.

viperæ (Rud., 1819) Stoss., 1897a (1898a), 6 (in *Callopeltis æsculapii*); 1898c, 87 (in C. a., *Vipera ammodytes*; Nabresina, Trieste); 1899d, 104–105 (50–51) (s. *Doch. vallei*) (in C. a., V. a., V. redii; Nabresina, T.).

vulgare Looss, 1900c, 152, 153, 155–156 (*Str. armatus* Rud. nach Pœppel); 1901a (1902, May 13), 39 (in donkey, horse); 1901, 37, 38, 39, 49, 50, 51, 53, 54, 55, 60, 61, 62, 63, 64; 05, 66, 67, 72, 73, 74, 75, 78 [sp. diag.], pl. 2 figs. 12–19, 80, 00, 101, 121, 136, 138; 1911a, 324, 327, 515, pl. 15 fig. 162.—Carougeau & Marotel, 1903, 447.—Fiebiger, 1912a, 281.—Gough, 1908, 4 (in equines; S. Africa).—Hartm., 1916, 221–236, figs. 1–8.—Hut. & Mar., 1906a, 326, 405; 1910b, 409, 508; 1913b, 509, 511.—Ihle, 1917, 164.—Jägers., 1909 (25), 15, 27.—Jammes & Martin, 1908, 208, 209.—Martin, 1913 (1914), 4, 36, 64, 67–68, 121, 127.—Neum. & Mayer, 1914a, 74, 448.—Nev.-Lem., 1912a, 742.—Rail. & Henry, 1902a, 111–112 (in âne, cheval).—Sambon, 1908f, 34 (in horse).—Smidt, 1906a, 648.

SCLEROSTOMATA Rud., 1809a, 204.—Brems., 1824a, 127 (subdivision of *Str.*).—Duj., 1845a, 254 (see *Sclerost.*).

Sclerostomes (English and French vernacular name for *Sclerostoma*).—Albrecht, 1909, ZV, 161; 1916, v. 6, 74–78.—Galli-Val., 1901c, 361 (for *Sclerost.*).

SCLEROSTOMI Crep., 1839a, 280–281 (division of *Str.*).

Sclerostomiasis (name of infection).—Annett, 1911, 47–68; 68–76 (equines).—BtW, 1912, v. 28, 299.—Douma, 1917, TvD, v. 44, 249–260, 271–288.—Eichert, 1910, v. 9, 38.—Hummel, 1908, 13–15, figs. 1–5 (in horse); 1908, v. 84, 550–580, pls. 13–15 figs. 1–3.—Lienaux, 1910, DtW, v. 18, 475 (in horse); 1910, AVR, v. 37 (5), 666–667 (in horse).—Mack, 1909, Ag. Ex. St. Nev., 1–96, pl. 1 (equine anemia).—Perkins, 1916, v. 3 (3), 107–110.—Schlegel, 1907, 49, 67; 1909, RgMv, v. 14, 186–188 (*sclerostomiasis du cheval*).—VJVBT Preuss., 1912, 30.—Vallillo, 1909a, 91–92 (eosinophilia); 1909b, 177; 1909c, 70–72; 1909g, 224–225; 1910a, 162–163.—Zimmerman, 1913, MtW, 475 (*Sclerostomiasis*).

enzootica Hut. & Mar., 1910b, 511.

equorum Hut. & Mar., 1910b, 508; 1913b, 508–514.

SCLEROSTOMIDÆ Baird, 1853a, 28 (includes *Cucullanus*, *Sclerost.*, *Syngamus*, *Stenurus*).—Lane, 1917, IJMR, 424.—Looss, 1900, 150–160, 184–192; 1901a (1902), 25–139, pls. 1–13 figs. 1–172 (of horses and donkeys, Egypt); 1901a, 32, 42, 53, 54, 71, 72, 103; 1902l, 450; 1903i, 2245; 1904h, 11–13.—Rail., 1900e, 102–107; 1902b, 107–110 (of ruminants).

SCLEROSTOMIDEA Dies., 1861a, 621–622, 715–718 (subf. of *Strongylidea*, contains *Doch.*, *Sclerost.*, *Stephanurus*).—Carus, 1863, v. 2, 464 (subf., contains *Sclerost.*, *Doch.*, *Stephanurus*).

- SCLEROSTOMINÆ** Rail., 1898e, 402; 1899d, 130; 1900e, 105, 1905, 270.—Cast. & Chalm., 1910a, 432.—Fiebiger, 1912a, 276.—Looss, 1904, 9; 1905, 29.—Nev.-Lem., 1908, 416 (contains Oesophagost., Triodontophorus, Unc.); 1912a, 646.—Rail. & Henry, 1905 (Apr. 14), 644; 1909a, 85; 1909b, 168; 1910, 311; 1912, 562, 563.—Stiles, 1902, 185; 1903, 14.—Stiles & Hass., 1899a, 164 (subf. of Strongylidæ, contains: Sclerost., Unc.).—Stoss., 1898c, 86; 1899d, 55, 94 (contains: Sclerost., Oesophagost., Ollulanus, Stephanurus, Syngamus, Unc.).
- SCLEROSTOMUM** Duj., 1845a, 3, 244, 254–260, 263 (for Sclerostoma).
- SCLEROTHRICUM** Nordm., 1840a, 660 (for Sclerotrichum).
- echinatum* (Rud., 1809) Nordm., 1840a, 660.
- SCLEROTOMINÆ** Nev.-Lem., 1908, 416.
- SCLEROTRICHUM** Rud., 1819a, 223 (mt. *echinatum*=*Tænia spirillum*).—Duj., 1845a, 40–41.—Eberth, 1863a, 43, 44.—Nordm., 1840a, 660.—Stiles & Hass., 1905b, 136.—Trav. 1915, v. 7 (2), 147.
- echinatum* (Rud., 1809) Duj., 1845a, 41 (s. *Mastigodes lacertæ*, *M. spirillum*, *Tænia spirillum*, *Trichoc. lacertæ*, *T. spirillum*) (in *Lacerta apus*, *Pseudopus serpentinus*; by Pall.).—Nordm., 1840a, 660 (to *Trichoc.*).
- SCLEROTOMA** Westwood, 1851, 645 (for Sclerostoma, in horse and hog).
- SCLOSTOMUM** Sons., 1878, 613 (misprint for Sclerost.).—Stiles & Hass., 1905b, 136.
- SCOLEXIA** Raf., 1815, 151 (subf. of Ascaridia, contains: *Scolex* Müell., *Tentacularia* Bosc, Asc. L., *Sphærus* Raf., *Tetragula* Bosc, *Hexostoma* Raf., *Polystoma* Roche, *Crinopsis* Raf.).
- SECERNENTES** Linst., 1902, 769; 1905cc, 272 (division of Nematoda); 1906, v. 47, 112 (group); 1907, v. 3, 3; 1909 (15), 48 (contains *Cucullanus*, *Oxyuris*, *Syngamus*, *Dacnitis*, Str., Asc., *Spiroxys*, *Ophiost.*, *Oxysoma*, *Nematoxys*, *Rictularia*, *Cheiracanthus*, *Tropidocerca*, Het., *Physalopt.*, *Spiropt.*, *Ancyracanthus*); 1909, 63 (contains *Hedruris*); 1909, 66 (contains Asc., *Physalopt.*, Het., *Cheiracanthus*, *Lecanoc.*, *Cucullanus*, *Sclerost.*, *Peritrichelins*, *Ancyracanthus*, *Dacnitis*, *Spiropt.*, *Proleptus*, *Oxyuris*, *Cheilospirura*, *Ophiost.*, *Oxysoma*, *Nematoxys*, Str., *Ankylost.*, *Pteroc.*, *Tropidocerca*, *Labidurus*, *Sphærolaria*, *Oxynema*, *Cloacina*, *Atractis*, *Gongylonema*, *Amblyonema*, *Hedruris*).—Rail. & Henry, 1911, 578.
- SELACHINEMA** Cobb, 1915, 113–116 (mt. *ferox*) (*Enoplidæ*); 1915, YUSDA, 486; 1917, 119.
- ferox* Cobb, 1915, 113–116, fig. 1 (on calcareous algæ near low tide mark; Colon, Panama).
- SERRADACNITIS** Lane, 1916, IJMR, v. 4, 99 (tod. *serrata*).
- serrata* Lane, 1916, 97–99 (in *Tryonix gangeticus*; Coll. Southwell) figs. 1–10.
- squali* (Duj., 1845) Lane, 1916, 99.
- SERRATOSPICULUM** Skrz., 1915, VOv, 131, 132, 133–135 (tod. *turkestanicum*); 1916, 461, 546 (*Filariidæ*); 1917, P, 478, 479, 480.
- foveolata* (Mol., 1858) Skrz., 1915, 132, 133; 1916, 546, 548.
- guttata* (Schneid., 1866) Skrz., 1915, 132; 1916, 564.
- turkestanicum* Skrz., 1915, 131, 132–133, figs. 1–4 (in *Falco tinnunculus*; *Turkestan*); 1916, 461, 547–550, figs. 55–58 (in F. t.).
- [? *verrucosum* (Mol., 1858c) Skrz., 1916, 546, 551 (in *Falco swainsoni*) (combination not made).]
- SERTICEPS** Rail., 1916, JP, v. 2 (3), 99, 100, 103 (tod. *vulvoinflata*) (*Thelaziidæ*).
- vulvoinflatus* (Mol., 1860) Rail., 1916, 103 (in *Trochilus ochropygus*).
- SETA** Legrand, —?, v. 26, 105 [nv.].—Lam., 1801a, 329 (so. *Gord. aquaticus*).—Plancus, 1760, 111 [nv.].—Schneid., 1866a, 3.—Villot, 1874a, 45 (so. *Gord.*).—Velsch, 1674a, 92.
- aquatica* (Linn., 1758) Pall. (1760a) 1768a, 256 (to *Gord.*).—Baird, 1853a, 35 (to G.).—Velsch, 1674a, 92, pl. 2 (s. *Vitulus marinus*).
- equina* (Abildg., 1789) Dungl., 1893 (1895a), 518, 1003.
- palustris* Plancus, 1760, 111, pl. 5 fig. F [nv.].—Lam., 1801a, 329 (so. *Gord. aquaticus*).—Villot, 1874a, 45 (so. G.).

- SETARIA** Viborg, 1795a [nv] [not *Setaria* Muls. Rey., 1863, coleopt.].—Rail. & Henry 1911, BSPE, v. 4, 387 (type Gord. equinus Abildg., 1789); 1911, BSPE, v. 4, 487–488.—Braun, 1915a, 326.—F., S., & T., 1916a, 407.—Gedöelst, 1911a, 107 (French Congo).—Hall, 1916a, 184, 188.—Stiles, 1914, MM, v. 2, 306, 315.
- bernardi* Rail. & Henry, 1911, v. 4 (7), 487–488 (in porc annamite; Annam); 1911, BSPE, 698; 1915, 747 (in pig).—Bernard & Bauche, 1911, BSPE, 482–485.—Rail., 1915, RMv, 510.
- bicoronata* (Linst., 1901) Rail. & Henry, 1911, 388 (in *Adenota* sp.; Lac Rukwa).
- bidentata* (Mol., 1858) Rail. & Henry, 1911, 387 (in *Cerfs brésiliens*).
- cælum* (Linst., 1904) Rail. & Henry, 1911, 388 (in *Cephalobus sylvaticultor*; Kamerun).
- congolensis* Rail. & Henry, 1911, 388–389 (in *Phacochærus porcus*; Ibenga, French Congo).
- cornuta* (Linst., 1899) Rail. & Henry, 1911, 387 (in *Antilope*; Kamerun).
- digitata* (Linst., 1906) Rail. & Henry, 1911, 387 (in *Bos indicus*; Colombo).
- effilata* (Linst., 1897) Rail. & Henry, 1911, 387 (in *Tragulus pygmæus*; Madagascar).
- equina* (Abildg., 1789) Rail. & Henry, 1911, 387.—F., S., & T., 1916a, 408, figs. 288–289.—Gedöelst, 1911a, 107 (in buffalo, donkey, horse, mule, ox).—Rail., 1915, RMv, 473, 510, 747 (of Rud.) (in horses);—Seur., 1916, 349 (in cheval).
- hæmorrhagica* (Rail., 1885) F., S., & T., 1916a, 408.
- labiato-papillosa* (Aless., 1838; or Perronc., 1882) Rail. & Henry, 1911, 387 (in bœuf); 1913, 209.—F., S., & T., 1916a, 408 (labrata pap.).—Gedöelst, 1911a, 107 (in horse, ox).—Johns. & Quereus, 1914, 621, 623, 624, pl. 20 figs. 3–4.—Rail., 1915, 747, 749 (in cattle); 1915, RMv, 510, 512.—Seurat, 1916, 349 (in *Stomoxys calcitrans*).
- scalprum* (Linst., 1908) Rail. & Henry, 1911, 388 (in *Raphicerus campestris*; Kalahari).
- species* Gedöelst, 1911a, 108 (in hog; Hué).
- spilæa* (Leldy, 1875) Rail. & Henry, 1911, 387 (in *Macropus* sp.).
- transversata* (Linst., 1907) Rail. & Henry, 1911, 387 (in *Cephalobus melanorheus*; Kamerun).
- SEURATIA** Skrj., 1916, CrSB, 972, 973 (tod. *shipleyi*) (*Acuariinæ*).
- shipleyi* (Stoss., 1900) Skrj., 1916, CrSB, 972, 973 (s. *Rictularia paradoxa*, *Acuaria pelagica*) (in *Diomedea exulans*, *Larus canus*, *Puffinus kuhli*).
- SEURATIDÆ** Rail., 1916, RMv, v. 92, 521.
- SEURATINÆ** Hall, 1916a, 44, 62 (subf. of *Heterakidæ*, contains *Seuratum*), 1916b, 518.
- SEURATUM** Hall, 1916a, 39, 44, 62 (tod. *tacapense*); 1916b, 518.
- tacapense* (Seur., 1915) Hall, 1916a, 62–65, figs. 73–75 (in *Ctenodactylus gundi*; S. Tunis).
- SIMONDSIA** Cobbold, 1864b, 79 (mt. *paradoxa*).—Colucci & Arnone, 1896, RAS, 102–104.—Gedöelst, 1911a, 112.—Linst., 1904n, 299.—Nev.-Lem., 1912a, 653.—Rail., 1893a, 545.—Rail. & Henry, 1911, 698.—Rollest., 1888a, 683, 688.—Stiles & Hass., 1905b, 136.
- paradoxa* Cobbold, 1864b, 79 (in stom., *Sus scrofa* dom.: Regents Park); 1873c, 123 (in hog; from Germany); 1879b, 406, 407; 1883e, 357–361, pl. 37 figs. 1–7.—Colucci & Arnone, 1897a, 181–198, figs. 1–19; 1897b, 215; 1897c, 127.—Fiebiger, 1912a, 243.—Frœhner, 1915, 261.—Gedöelst, 1911a, 112 (in hog).—Hut. & Mar., 1906a, 381; 1910b, 479; 1913b, 477.—Lingard, 1905d, 50 (in *Equus cab.*).—Neum., 1892d, 367, 368, fig. 141.—Nev.-Lem., 1912a, 826.—Piana, 1897e, 17–37, figs. 1–7 (in *Sus scrofa*); 1897f, 887 (in S. s.); 1898a, 46–50 (65–70, 88–91) (in S. s.).—Rail., 1893a, 545.—Ratz, 1898a, 385–388; 1899d, 322–329 (in swine: Lond.).—Sons., 1897e(f), 258–259 (6) (da stomaco di cinghiale).—Vaull., 1901a, 126.—Verrill, 1870, 179.—Wehrmann, 1909a, 224.—Reported for S. s. fera.
- SIPHONOLAIMUS** Man, 1893a, 99–102 (mt. niger) [not *Siphonolaemus* Pilsbry, 1903, mollusk].—Stiles & Hass., 1905b, 136.
- niger* Man, 1893a, 100–102, pl. 6 fig. 8 (free; Falmouth); 1907, 87 (Zealand).

- SIPUNCULUS Linn., 1767a, 1078 [not a roundworm genus].—Dies., 1859, 754, 755–756.—Goldb., 1855a, 107.—Schheid., 1866a, 7.
- lendix* Phipps, 1774a, 194, pl. 13 figs. 1a–c (in Eider duck); 1775, 197–198 pl. 12 figs. 1a–c.—Baird, 1853a, 62.—Cat. RCSL, 1830, 45 (so. Echinor. filicollis).—Rud., 1809a, 304.—Westrumb, 1821a, 33 (so. E. polymorphus).
- SISSOPHYLLUS Trav., 1913, 309 (for Cissophyllus); 1914, v. 6 (2), 138.
- Sklerostomen (see Sclerostoma).—Weinberg, 1908ee, 604; 1908m, 51 (German vernacular).
- extracts.—Grosso, 1912, Fol. haematol., v. 14, 18–22.
- seuche Eichhorn, 1913, v. 37, 87–89 (in cattle).
- SKLEROSTOMUM Schneidem., 1896a, 314 (for Sclerost.); 1896, 304, 305.—Adelmann, 1908, AwPT, 297–342, pl. 11 figs. 1–13.
- bidentatum* (Sticker, 1901) Adelmann, 1908, 342, pl. 11 figs. 1–13.—Bochberg, 1909, ZV, 273.—Ehbart, 1909, TR, 242 (in horse); 1909, DtW, 162.—Frœhner, 1915, 157.—Stier, 1912.
- dentatum* (Rud., 1803) Schulthess, 1882a, 190.
- edentatum* (Looss, 1900c) Bochberg, 1909, ZV, 273.—Martin, 1910, 1–50, 1 pl. 6 figs.
- pinguicola* Schneidem., 1896a, 319 (for pinguicola).
- tetracanthum* Schneidem., 1896a, 315 (for tetracanthum).
- SOLENOIAIMUS Cobb, 1894c, 419–420 (mt. obtusus).—Stiles & Hass., 1905b, 136.
- obtusum* Cobb, 1894c, 419–420, figs. 13i–iv (in marine sand; Bay of Nap.).
- SOLENONEMA Dies., 1861a, 620, 704–705 (type ?).—Olss., 1869b, 488.—Stiles & Hass., 1905b, 137.
- aequale* (Mol., 1858) Dies., 1861a, 704 (in Myrmecophaga jubata; Brazil).
- serpicula* (Mol., 1858) Dies., 1861a, 705 (in Phyllostoma brevicaudum, P. spiculatum; Brazil).
- striatum* (Mol., 1858) Dies., 1861a, 705 (in Felis concolor, F. macroura; Brazil).
- SPEIROPTERA Fayrer, 1879b, 188 (misprint for Spiropt.).
- SPEROPTERA Aitken, 1866, 805, 842 (misprint for Spiropt.).
- SPHEROLAIMUS Bast., 1865c, 95, 157–158 (mt. hirsutus).—Man, 1907, 44, 54–55.—Oerley, 1880, 144.—Stiles & Hass., 1905b, 137.
- balticus* Schneid., 1906c, 35–37, figs. 16a–c (free; Bucht von Tvärminne); 1906d, 627 (free; in Finnischen Meerbusen); Man, 1907, 55.
- brevicollis* Savelev, 1912, TSN Petrograd, 119 (im Ebbesschlamm; Catharinahafen, Mogilnojesej).
- gracilis* Man, 1876a, 179–180, pl. 12 figs. 47a–d (free); 1876b, 102–104, pl. 12 figs. 47a–d; 1907, 55.—Oerley, 1880, 144.
- hirsutus* Bast., 1865c, 157–158, pl. 13 figs. 192–194 (in marine mud; Falmouth).—Büetsch., 1874b, 279, figs. 32a–b (Kieler Hafen).—Man, 1907, 33, 55–61, 87, pl. 2 fig. 9, pl. 3 fig. 9 (Zealand); 1907, v. 10, 234–236 (free; Veere, Iersateke, Eng., Cornouailles).—Southern, 1914a, 24 (Killary Harbor).—Stiles & Hass., 1905b, 137.
- SPHÄRULARIA Ebert, 1894a, 18–20 (for Sphærulearia).
- SPHÆRULARIA Duf., 1837a, 9 (mt. bombi).—A., D., & E., 1901b, 8.—Baird, 1853a, 104.—Carus, 1863, v. 2, 465.—Braun, 1906a, 5.—Cobbold, 1879b, 480, 481, 482.—Crep., 1841a, 82.—Dimmock, 1886a, 73–75.—Ebert, 1894a, 18–21.—F., S., & T., 1916a, 5.—Fischer, 1840, 153.—Goldb., 1855a, 108.—Kreffit, 1871a, 210.—Leuck., 1867b, 42; 1879a, 150; 1886d, 116.—Looss, 1892a, 86, 87.—Mordw., 1908, 141.—Nordm., 1840a, 669.—Rollst., 1888a, 678, 681, 682, 683, 686, 688.—Schneid., 1866a, 30, 182–184.—Shipley, 1896a (1901b), 150, 161.—Steenstrup, 1842a, 60.—Wallenstedt, 1847a, 8.
- bombi* Duf., [1836a, 20–21; 1837a, 9, pl. 1A fig. 3 (in abd., Bombus terrestris, B. hortorum; by Duf.).—Baird, 1853a, 104.—Braun, 1895b, 9; 1906, 5.—Büetsch., 1873a, 122.—Bugnion, 1880, v. 17, xlvii.—Cobbold, 1866b, 6 (in B. t.); 1879b, 481, fig. 85; 1883e, 357–361, figs. 1–7.—Cole, 1876a, 93–104, figs. 1–7.—Conte & Bonnet, 1904, v. 50, 66.—Dewitz, 1892b, 129.—Ebert, 1894a, 18–20 (in Hummelarten).—Fuchs, 1914, ZA, 202.—Galli-Val., 1901c, 358 (in B. sp.).—Grobben, 1888, 23–24.—Hempel., 1912a, 7, 108, 111, fig. 22.—Leuck., 1884–1885a, 139–144; 1885b, 273–277; 1885c, 358; 1889c, 23–24.—Linst., 1876a, 16; 1878, 242–243, fig. 35; 1902a, 224 (so. cunctaria) (in B. hortorum).—Looss, 1892a, 85–87.—Lubbock, 1861a, 44–57, figs. 1–14 (in B. h., B. lapidarius, B.

SPHÆRULARIA—Continued.

bombi—continued.

lucorum, B. muscorum, B. pratorum, B. subterraneus, B. sylvarum, B. terrestriis; 1861b, 1-14, figs. 1-14; 1863a, 109-110; 1864a, 265-270, figs. 1-6 (in B. lucorum, B. m., B. t.; by Lubbock).—Menz., 1914, AN, 86.—Mordw., 1908, 146.—Nordm., 1840a, 670.—Rollet., 1888a, 684.—Schneid., 1866a, 184, 322-324, figs. 1-2, pl. 21 fig. 6; 1885a, xxxii, 1-10, pl. 1 figs. 1-5; 1885e, 247-251, 1 fig. (in B. lapidarius, B. t.).—Shipley, 1896a (1901b), 153, 160, fig. 76.—Stiles, 1895ee, 248-250, pl. 11 figs. 1-6; 1895ff, 573-574; 1896e, 421.—Stiles & Hass., 1905b, 137.

cunctaria Schneid., 1883, 1-10 [nv].—Linst., 1902a, 224 (s. *bombi*) (in *Bombus hortorum*; Müen., Breslau).

SPHÆRULARIACEÆ Carus, 1863, v. 2, 465 (fam., contains Sphærolaria) (quotes Lubbock, see 1861a).

Spherulaire du Bourdon Duf., 1836b, 751 (does not use Latin name) [see Sphærolaria].

SPHERURUS Raf., 1815a, 151 (nomen nudum; new genus of Scolexia to contain species of Asc., but these are not mentioned).—Stiles & Hass., 1905b, 150.

SPIILIPHERA Bast., 1865c, 165-167, 178 (changed to Spilophora Bast., 1865c, 95, 178 (type *elegans*).—Stiles & Hass., 1905b, 137.

cæca (Bast., 1865) Schneid., G., 1906d, 626.

costata Bast., 1865c, 166-167, figs. 228-229 (marine surface mud; Falmouth); 1889 (to *Monoposthia*).

elegans Bast., 1865c, 165-166, pl. 13 figs. 221-222 (marine surface mud; Falmouth).

inæqualis Bast., 1865c, 166, figs. 223-225 (marine surface mud; Falmouth).—Man, 1888 (type of *Hypodontolaimus*).

paradoxa (Man, 1888) Schneid., G., 1906d, 626.

robusta Bast., 1865c, 166, pl. 13 figs. 226-227 (marine surface mud; Falmouth).—Man, 1886a, 66 (type of *Halichoanolaimus*).

SPIILIPHORA Scudder, 1884a, 298 (for Spiliphora 1865).—Stiles & Hass., 1905, 137.

SPILOPHORA Bast., 1865c, 95, 178 (corrected form Spiliphora) (tsd. *elegans*) [not Spilophora Bohem., 1850, coleopt.; Spilophorus Lac., 1856, coleopt.].—Cobb, 1888a, 32-33; 1914, 23.—Linst., 1900a, in 117-132, pls. 1-2.—Oerley, 1880a(b), 143 (131).—Stiles & Hass., 1905b, 137.—Villot, 1875a, 463, 464.

antarctica Cobb, 1914, SE, 8, 9, 24-25, fig. 1 (Bay; Cape Royds).

canadensis Cobb, 1914, TAMS, 73, 80-81 (39, 46-47, 88) pl. 3 fig. 5 (in fresh water ponds; Cape Breton Isl., Canada).

communis Büetsch., 1874b, 282-283, pl. 6 figs. 27a-d, pl. 7 figs. 27c-d.—Villot, 1875a, 466 (Kiel).

costata (Bast., 1865) Büetsch., 1874b, 281, figs. 22a-d (Kiel, Arendal).

edentata Cobb, 1914, SE, 8, 9, 10, 24, fig. (Bay; Cape Royds).

elegans (Bast., 1865) Villot, 1875a, 465 (Eng.).

geophila Man, 1876a, 162-164, pl. 10 figs. 40a-b; 1876b, 85-87, pl. 10 figs. 40a-b.—Oerley, 1880a(b), 143 (131).—Silva Araujo, 1878b, 53.

giardi Rouville, 1905a, 795 (free; Cette).

glophila Ditlevsen, 1912, 222-223, figs. 32, 34 (misprint for *geophila*).

gracilicauda Man, 1893a, 91-94, pl. 5, pl. 6 fig. 6.—Southern, 1914a, 28 (Blacksod Bay).

impatiens Cobb, 1888a, 32-33, pl. 3 figs. 26-28 (free; Kunitz, Jena).

inæqualis (Bast., 1865) Büetsch., 1874b, 280-281, figs. 23a-d (Kiel).—Schneid., 1906d, 626.—Villot, 1875a, 465 (Eng.).

leuckarti (Man, 1876) Cobb, 1888a, 33 (to *Chromadora* (Spilophora)).

oxycephala Büetsch., 1874b, 283, figs. 28a-c (Kieler Bucht).—Villot, 1875a, 466 (Kiel).

paradoxa Man, 1888a, 45-47, pl. 4 fig. 19 (marine; Walcheren Isl.); 1907, v. 20, 68-87 (marine; Zealand).—Steiner, 1915, ZJ, 234.

punctata Linst., 1900a, 127, pl. 7 fig. 38 (Baren-Insel).

robusta (Bast., 1865c) Büetsch., 1874b, 282, figs. 29a-b (Kieler Bucht).

serrata Cobb, 1914, SE, 8, 9, 10, 25-26, 1 fig. (Bay; Cape Royds).

setosa Büetsch., 1874b, 281, figs. 25a-b (Kieler Bucht).—Villot, 1875a, 466 (Kiel).

tentabunda Man, 1890b, 177-178, pl. 3, pl. 4 fig. 4 (St. Aubin-s.-Mer).

- SPINIFER* Linst., 1901b, 418-419 (mt. fülleborni) (Mermithen) [not *Spinifer* Raf., 1831, mollusk].—Stiles & Hass., 1905b, 137.
- fülleborni* Linst., 1901b, 418-419, figs. A-E (in Termiten-Bau; Nyassa-See, Africa).
- SPINITECTUS* Fourm., 1883c, 578 (mt. oviflagellis); 1884a, 1-8 (mt. tod. oviflagellis).—Rail. & Henry, 1915, BSPE, 274-275 (s. Goezia pars, Lior. pars).—St. Joseph, 1900a, 229, 231 (so. Lior.).—Stiles & Hass., 1905b, 137.
- cristatus* Rail. & Henry, 1915, BSPE, 275 (new name for *Fil. serratus* Lint., 1901 not 1892) (in *Phycis tenuis*).—Ward & Magath, 1917 (for 1916), JP, 62 (in hake).
- echinatus* (Linst., 1878) Rail. & Henry, 1915, BSPE, 275 (in ablette).
- gracilis* Ward & Magath, 1917 (for 1916), JP, 61-62 (in black crappie, sheepshead, white bass; Fairport, Ia.).
- inermis* (Zed., 1800) Rail. & Henry, 1915, BSPE, 275 (in anguille).
- oviflagellis* Fourm., 1883c, 578 (in Merlan; by Fourm.); 1884a, 1-8 pl. 16 figs. 1-11 (in intest., Merlangus vulg.; by Fourm.).—Rail. & Henry, 1915, BSPE, 274, 275.—St. Joseph, 1900a, 230 (to Lior.).
- SPIRA* Bast., 1865c, 95, 159-161 (tsd. parasitifera) [not *Spira* Brown, 1838, mollusk].—Man, 1890b, 174.—Stiles & Hass., 1905b, 137.—Villot, 1875a, 455, 463-464.
- bioculata* Man, 1877, 107-108, pl. 8 figs. 13a-d.
- lævis* Bast., 1865c, 160, pl. 13 figs. 204-206 (tide-pools; Falmouth).—Southern, 1914a, 27 (Blacksod Bay, Clare Isl.).—Villot, 1875a, 465 (Eng.).
- mediterranea* Man, 1877b, 108-109, pl. 9 figs. 14a-c (Nap.).
- parasitifera* Bast., 1865c, 159-160, pl. 13 figs. 201-203 (tide-pools; Falmouth).—Man, 1890b, 175-177, pl. 3 fig. 3 (Calvados, de la Manche); 1907, 69.—Southern, 1914a, 26 (Blacksod Bay).—Villot, 1875a, 465 (Eng.).
- schneideri* Villot, 1875a, 464, 465, pl. 11 figs. 11a-c (Roscoff).—Southern, 1914a, 26 (Blacksod Bay).
- septentrionalis* Cobb, 1914, SE, 8, 11, 1 fig. (Cape Royds).
- tenuicaudata* Bast., 1865c, 160-161, pl. 13 figs. 207-209 (tide-pools; Falmouth).—Man, 1885, 15; 1907, 61.—Villot, 1875a, 465 (Eng.).
- SPIROCERCA* Rail. & Henry, 1911, BSPE, 695 (tod. sanguinolenta).—Seur., 1914, CrSB, 344, 347; 1914, CrAS, 1018; 1916, Bs, 312, 322, 330, 339, 340.
- sanguinolenta* (Rud., 1819) Seur., 1913, 126 (in *Macroscelides rozeti*); 1914, BSHnA, 67; 1914, 626-632, figs. 1-4; 1914, CrAS, 1018; 1914, CrSB, 23; 1914, CrSB, 391; 1915, CrSB, 561, 564, 565; 1916, Bs, 298, 299, 302, 305, 307, 313, 318, 322-325, 326, 338, 349, 352, 355, 360, 362 (in *Acanthodactylus pardalis*, *Agama bibroni*, *Akis goryi*, *Athene noctua glaux*, *Bufo mauritanicus*, *Cerastes cornutus*, *C. vipera*, *Chamaeleo vulg.*, *Copris hispana*, *Corvus corax tingitanus*, *Elephantulus deserti*, *Equus asinus*, *Erinaceus algerius*, *Gallus dom.*, *Genetta afra bonapartei*, *Geotrypes douei*, *Gymnys ocellatus*, *Gymnopleurus sturmi*, *Herpestes ichneumon*, *Lacerta ocellata*, *Lanius excubitor dodsoni*, *Macroptodon cucullatus*, *Mus musculus*, *M. norvegicus*, *Passer dom. tingitanus*, *Scarabæus (Ateuchus) sacer*, *S. variolosus*, *Scincus officinalis*, *Sus scrofa*, *Tropidonotus viperinus*, *Tropidosaura algira*, *Upupa epops*, *Uromastix acanthinurus*, *Varanus griseus*, *Vespertilio kuhli*, *Vulpes vulpes atlantica*); 1917, BSHnA, 24 (in chien dom., chacal, renard d'Algérie).—Rail., 1915, 735 (in dog); 1915, RMv, 493.
- subæqualis* (Mol., 1860) Seur., 1913, CrSB, 676-678, figs. 1-2 (in *Felis concolor*, *F. mellivora*, *F. ocreata*; Bone, Algeria, Brazil); 1914, 69; 1915, CrSB, 122; 1916, Bs, 302; 1917, BSHnA, 24.
- SPIRONOURA* Leidy, 1856b, 52-53 (type? gracile); 1904a, 97-98.—Rail. & Henry, 1916, CrSB, 114.—Scudd., 1884a, 376.—Stiles & Hass., 1905b, 138.—See also *Spirura* Dies.
- affine* Leidy, 1856b, 53 (in *Cistudo carolina*); 1904a, 98.
- gracile* Leidy, 1856b, 52-53 (in *Emys serrata*); 1858a, 112; 1904a, 98, 114 (in *Siredon mexicanus*).
- SPIROPHERA* Müell., 1870a, 348 (misprint for *Spiropt.*).
- SPIROPTERA* Rud., 1819a, 22-29, 235-255, 585 (*Acuaria Brems.*, 1811 and *Anthuris* renamed, hence type *anthuris*).—Aitken, 1866, 805, 842; 1872, 150.—A., D., & E., 1901b, 7.—Bail., 1866b, 41-42.—Bel, 1907, v. 59, 587-588; 1908, v. 85, 46-47 (in dog); 1908, v. 3, 266; 1908, v. 57, 275; 1908, v. 11, 224-225.—Bellingh., 1844a, 101-102.—Blainv., 1828a, 546-547.—Brau, 1913, 585 (in

SPIROPTERA—Continued.

- pigs; Cao-long-an, Cochín Chine).—Braun, 1895b, 213; 1903a, 253.—Brems., 1824a, 125-126.—Burm., 1837a, 535; 1856a, 279.—Cagny & Gobert, 1910, v. 2, 859-860, figs. 1796-1798.—Cassali, (1874a), 1-12, 1 pl., 8 figs. (in pollo dom.); 1874b, 76-77; 1874c, 374-375.—Cat. RCSL, 1830, 39.—Chiaje, 1825a, 6; 1833, 5.—Cobbold, 1866b, 11 (in vulture).—Crep., 1839a, 280; 1846b, 155.—Dav., 1877a, xcix.—Deslgch., 1824ww, 691-697; 1829d, 582.—Diem, 1908, v. 52, 873-874.—Dies., 1859f, v. 38 (monograph).—Dub., 1843a, 5.—Duj., 1845a, 82-83.—Edelm., 1914, 270.—Erc., 1852c, 353 (in horse).—Fibiger, 1914, JAMA, 1244, 1432; 1915, MmW, 406 (cancer, rats).—Fischer, 1840a, 153.—Fritsch, 1888, 215.—Geddelst, 1911a, 110.—Goldb., 1855a, 111.—Grassi, 1887h, 307; 1888h, Gurlt, 1831a, 351.—Hall, 1916a, 148, 187, 191, 199, 203, 213, 220, 221, 223.—Henry, 1909, AG, v. 20, 579-580, 1 fig. (in horse).—Joy, 1835a, 503.—Kreffit, 1871a, 210.—Leiper, 1911, PZSL, in 549-555, figs. 1-5.—Lepri, 1898a, 61.—Leuck., 1867b, 13, 50, 53, 55, 59, 65, 72, 96, 115; 1868a, 423; 1876a, 610, 611; 1879a, 131; 1886d, 100, 119.—L'Herminier, 1826a, 10.—Linst., 1898c, 280-291; 1900b, in 362-376, 1 pl., 1902a, in 217-232, pl. 1; 1904f, 5; 1904n, in 297-309; 1905bb, in 182-193, 1 pl.; 1909, 49, 62.—Looss, 1901a, 41; 1911a, 182.—le Maitre, 1906, v. 83, 17-24 (in dog); 1906, v. 31(4), 275-276 (in Canis fam.; Tunis); 1907(380), v. 63, 118.—Marotel & Carougeau, (1902a) (in Gallus dom.); 1903a, 38-39; 1903b, 292.—Mégn., 1895b, 132-133.—Mol., 1857a, 151; 1860b, 911-1005 (monograph).—Monod, 1900b, 166-167; 1900c, 514-515.—Mordw., 1908, v. 13 (1-2), 191.—Neum., 1892, 345, 374; 1901a, 255 (in pigeon).—Neum. & Mayer, 1914a, 408.—Nordm., 1840a, 661.—Nev.-Lem., 1912a, 652.—Olss., 1869b, 487, 490; 1876a, 147 (in *Turdus musicus*).—Park, 1896a, 451-454 (in cattle & sheep).—Par., 1887b, 361; 1894a, 467, 572.—Petit, 1907, 567-573, 410-417, 2 figs.—Petit & Germain, 1907c, 410-417, figs. 1-2 (in *Equus cab.*); 1907d, 673-674; 1908c, 42-43; 1908, v. 82, 567-573.—Poche, 1912, AN, 11, 13, 14 (type euryoptera), 15, 24, 53, 101.—Rail., 1893a, 533.—Rans., 1904a, 38, 39, 40; 1911a, 14, 100, 103-104 (*Acuaria* renamed, type anthuris).—Rail. & Henry, 1911, v. 4(10), 695.—Schneid., 1866a, 15, 59, 78, 125, 190.—Seur., 1910, v. 2, 144-148, figs. 1-4; 1912, CrAS, 82-84 (of dog); 1913, v. 74(12), 676-679, figs. 1-7 (in *Felis ocreata*); 1915, v. 78 (7), 157-161, figs. 1-6 (*Habronema grimaldiae* in *Vulpes atlantica*, *Habronema noveli* in *Genetta afra bonapartei*); 1915, CrSB, 561-565 (10-14), figs. 1-5; 1917, BSHnA, v. 8, 21-24 (of carnivores).—Shipley, 1896a (1901b), 147, 163.—Sl. & Sw., 1912a, 397-399.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 48 (complicated nomenclature), 138.—Stoss., 1897b, 13-162 (monograph); 1898, 96.—Surg.-Gen. Cat. 2 s., v. 16, 1911, 407.—Val., 1843a, 1-5.—Vauil., 1901, 132.—Verrill, 1870, 231.—VJACP, 1896, v. 43, 454.—Wallendstedt, 1847, 8.—Walter, 1866, 72.—Wasielewski, 1913a, 244, 305.—Wassink, 1916, NTG, v. 2, 1108-1116.—Weinberg, 1907k, 287-289 (in horse); 1907l, 135; 1907m, 279; 1907n, 407.—Westwood, 1861, 645 (*Spiropterus*).
- abbreviata* (Rud., 1819) Duj., 1845a, 104 (in *Lacerta margaritacea*; Algeciras, Spain).—Anacker, 1893i, 345.—R. Bl., 1887e, 167.—Seur., 1916, 360 (of Mégn., 1881).—Stoss., 1889, 42 (*Physalopt.*).
- abdominalis* Linst., 1904n, 299, fig. 7 (in body cavity, *Otis melanogaster*; Madagascar).
- acanthocephala* Linst., 1909a, 65 (for *acanthocephalica*).
- acanthocephalica* Mol., 1860b, 988 (s. *sternæ* Rud., *Str. ambiguus* Rud.) (in *Sterna hirundo*, *S. caspica*; M. C. V.).—Linst., 1909a, 65 (in *S. h.*).—Stoss., 1897b, 108-109 (96-97) (s. *capillaris*) (in *S. c.*, *S. h.*; Greifsw.).
- aculeata* Crep., 1825a, 14-16 (in *Tringa alpina*; by Crep.); 1846a, 136.—Chaussat, 1850, 92.—Dies., 1851a, 222; 1861a, 678.—Duj., 1845a, 99-100, 102.—Linst., 1876a, 4 (to Fil.).—Mol., 1860b, 972 (in *Charadrius hiaticula*, *T. variabilis*).—Villot, 1875, 470 (in *T. a.*; Roscoff); 1878, 22 (in *T. v.*).
- acuminata* Mol., 1860v, 930-931 (s. *salmonis*) (in *Brycon falcatus*; Brazil).—Drasche, 1884a, 195, pl. 12 figs. 18-19, pl. 14 fig. 18.—Rail., 1916, 105 (in *B. f.*).—Stoss., 1897b, 123(111) (to *Oxyspirura*).
- acutissima* Rud., 1819a, 642 (in *Falco*; Brazil).—Dies., 1851a, 218.—Duj., 1845a, 95.—Mol., 1860b, 922.—Stoss., 1897b, 111(99) (in *F. sp.*, *B.*).
- adunca* Crep., 1846a; 138, 139, 140 (in *Colymbus septentrionalis*, *Larus argentatus*, *L. fuscus*; by Crep.).—Baird, 1853a, 11 (in *L. a.*).—Dies., 1851a, 228 (in *C. s.*, *Larus f.*, *L. a.*, *L. canus*, *L. marinus*, *L. medius*).—Linst., 1885a, 244-245, pl. 14 fig. 21.—Müch., 1898b, 53.—Stoss., 1891, 86 (to *Disph.*); 1898, 93.—Also reported for *L. glaucus*.

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- aërophila* Linst., 1906, 253, pl. 17, fig. 9 (in *Phœnicopterus roseus*; Königsb.).
- affinis* Duj., 1845a, 98 (s. *Physalopt. strongylina*) (in *Cucullus seniculus*; Brazil).—Stoss., 1889, 53.
- alata* Rud., 1819a, 23–24, 239 (s. *Asc. sagittata*) (in *Ardea nigra*; by Braun. Froel.).—Ben., 1868a, 296.—Blainv., 1828a, 546.—Dies., 1851a, 221 (in *Ciconia nigra*, *Ardea purpurea*).—Duj., 1845a, 99.—Leuck., 1879a, 14; 1886d, 11.—Mol., 1860c, 488 (Disph. analis).—Rail. & Henry, 1911, v. 58, 538–541, 573–582, figs. 1–6.—Schneid., 1866a, 93.—Shipley, 1896a (1901b), 163 (in black stork).—Stoss., 1891, 89 (9) (to Disph.).—Also reported for *Buteo borealis*.
- alata* Zsch., 1889c, 792–794 (in proventric., *Rhea americana*; Basel Zool. Gard.); 1889d, 756–757.—Rail. & Henry, 1911, 579 (so. *Spirura zschokkei*).—Stoss., 1897b, 106 (94) (in R. a.; Brazil).
- anabatis* Mol., 1860b, 979 (in *Anabates scandens*; Brazil).—Drasche, 1884a, 206.—Stoss., 1897b, 108 (96) (s. *erecta*).
- anacanthura* Mol., 1860b, 966–967, 993 (s. *crotophagæ. c.-majoris*) (in *Crotophaga ani*, *C. major*; Cuyaba).—Dies., 1861a, 678.—Drasche, 1884a, 203, 213, pl. 14 figs. 15–16.—Linst., 1878a, 71; 1889a, 29.—Rans., 1904a, 21.—Stoss., 1897b, 123 (to *Oxyspirura*).
- anatis* Rud., 1819a, 29 (in *Anas glacialis*; C. E. V.).—Duj., 1845a, 103.—Mol., 1861c, 487 (so. *Disph. crassicauda*).
- annulata* Stoss., 1897b, 111 (99) (for *anulata*).
- anolabiata* Mol., 1860b, 981, 992 (73) (s. *cracis-alectoris*) (in *Crax fasciolata*; Brazil).—Drasche, 1884a, 206, pl. 12 fig. 23.—Linst., 1878a, 124; 1889a, 47.—Rans., 1904a, 21.—Stoss., 1897b, 51 (39) (to Fil.).
- anterohelicina* Mol., 1860b, 975 (67) (s. *bradypi-didactyli*) (in *Bradypus tridactylus*; M. C. V., Brazil).—Cobbold, 1879b, 321.—Stoss., 1897b, 111–112 (99–100) (in B. t.; B.).
- anthuris* Rud., 1819a, 25, 243–244 (in *Coracias garrula*, *Oriolus galbula*; Mus. Wien).—Bellingh., 1844a, 102.—Dies., 1851a, 215 (in *Corvus caryocatactes*, *C. corax*, *C. cornix*, *C. corone*, *C. frugilegus*, *C. glandarius*, *C. pica*, *C. pyrrhocorax*, *Coracias garrula*, O. g.).—Duj., 1845a, 75 (to Disph.).—Eberth, 1863a, 64, 65, 67, 68, 70, pl. 8 fig. 6, pl. 9 figs. 2, 8.—Gieb., 1857a, 268.—Poche, 1912, 12, 13.—Rans., 1911a, 103.—Schneid., 1866a, 96, 108.—Stiles, 1907b, 37.
- anthuris* of Dies., 1851a, 215 (in part).—Mol., 1860b, 920 (so. *sygmoidea*).—Rans., 1904a, 29.
- anulata* Mol., 1860b, 983 (in *Ciconia maguari*; Brazil).—Stoss., 1897b, 111 (99) (*annulata*) (in C. m.; B.).
- appendiculata* Mol., 1860b, 982 (in *Eurypyga helias*; Brazil).—Stoss., 1897b, 112 (100) (in E. h.; B.).
- ardeæ* Mol., 1860b, 981–982 (in *Ardea coçoi*; Brazil).—Drasche, 1884a, 206, pl. 11 fig. 28.—Stoss., 1897b, 98 (86) (in A. c.; B.).
- ardeæ-maguari* M. C. V. in Mol., 1860b, 932 (24) (so. *excisa*); 1860c, 489 (so. *Dispharagus longeoratus*) (in *Ciconia maguari*).
- armata* Mol., 1860b, 971–972 (s. *suis-labiati*) (in *Dicotyles albirostris*; Brazil).—Crep., 1846a, 136.—Stoss., 1897b, 112 (100) (in D. a.; B.).—Also reported for *D. labiatus*.
- ascaroides* Nitzsch in Gieb., 1857a, 268 (in *Falco peregrinus*; Coll. Nitzsch).
- attenuata* Rud., 1819a, 25, 244–245 (in *Hirundo urbica*, *H. rustica*, *H. riparia*; Mus. Wien).—Dies., 1851a, 215.—Mol., 1860c, 484 (to Disph.).—Poche, 1912, AN, 12.
- aurita* Nitzsch in Gieb., 1857a, 268 (in *Falco peregrinus*; Coll. Nitzsch).
- bicolor* (Linst., 1873) Linst., 1899b, 17–18, figs. 31–32, 43–44, 46–49 (in *Halaxias attenuatus*, *Silurus glanis*; Australia, Ratzeburger See); 1909, 65, fig. 42 (in *Perca fluviatilis*, S. g.).—Seur, 1916, 360.—Zsch., 1903, 146, 147.
- bicuspis* Rud., 1819a, 24, 240–241 (in *Tringa helvetica*; Mus. Wien).—Crep., 1846a, 135, 136.—Dies., 1851a, 231 (so. *Histioc. gracilis*).—Also reported for *Grus cinerea*, *Vanellus melanogaster*.
- bidens* Rud., 1819a, 24, 240 (in *Merops apiaster*; Mus. Wien).—Dies., 1851a, 216.—Mol., 1860b, 971 (*denticulata*).—Poche, 1912, AN, 12.—Schneid., 1866a, 105.
- bilabiata* Mol., 1860b, 928 (s. *muris*) (in *Mus brasiliensis*; M. C. V., Brazil).—Hall, 1912, 213 (so. *Physalopt. muris-brasiliensis*).

SPIOPTERA—Continued.

- bilabiata* (Crep., 1829) Duj., 1845a, 97 (in *Lanius minor*; Griefsw.).—Dies., 1851a, 235 (to *Physalopt.*).—Stoss., 1889, 51 (16) (to P.).
- brachystoma* Mol., 1860b, 955–956 (s. *bradypyi-tridactyli*, b. *didactyli*) (in *Bradypus tridactylus*, B. *didactylus*; Brazil).—Cobbold, 1879b, 321.—Drasche, 1884a, 201, pl. 11 figs. 1–4, pl. 13 figs. 10–11.—Stoss., 1897b, 94 (82) (s. *leptocephala*).
- bradypyi-didactyli* M. C. V. in Mol., 1860b, 956 (so. *brachystoma*) (in *Bradypus didactylus*; Rio Hie, Brazil).
- bradypyi-tridactyli* M. C. V. in Mol., 1860b, 956 (so. *brachystoma*) (in *Bradypus tridactylus*; Borda Parà).
- brauni* Linst., 1897i, 30, fig. 8 (in *Mus rattus*; Madagascar).—Hall, 1916a, 204, 207 (so. *Protospirura muris*).—Par., 1898b, 20.
- brevipennis* Mol., 1860b, 921, 991 (s. *microdactyli-margravi*) (in *Dicholophus margravi*; Cuyaga).—Dies., 1861a, 676.—Drasche, 1884a, 194, 213, pl. 14 fig. 14.—Hall, 1916a, 105 (in *Cariama cristata*).—Linst., 1878a, 137; 1889a, 51 (in D. *marcgrafi*).—Rans., 1904a, 22.—Stoss., 1897b, 126 (114) (to *Oxyspirura*).
- brevissubulata* Linst., 1878a, 105 (misprint for *brevisubulata*).—Rans., 1904a, 23.
- brevisubulata* Mol., 1860b, 959–960, 998 (s. *strigis*) (in *Strix atricapilla*; Brazil).—Dies., 1861a, 677.—Drasche, 1884, 201–202.—Linst., 1889a, 40.—Par., 1889c, 775.—Rans., 1904a, 23.—Stoss., 1897b, 124 (112) (to *Oxyspirura*).
- bufonis* Stoss., 1900a, 5, figs. 17–18 (in *Bufo vulg.*; Catania).—Linst., 1904f, 6.—Mingazzini, 1900d, 147, figs. 7, 8, 9.—Par. & Mazza, 1900b, 2.—Seur., 1916, 360 (in B. v.).
- bullosa* Mol., 1860b, 937–938 (29–30) (s. *tinami-noctivagi*, *tinami-macucabu*) (in *Tinamus noctivagus*, T. *tao*, T. *cinereus*, T. *variegatus*; Brazil).—Drasche, 1884a, 198, pl. 11 fig. 24, pl. 14 figs. 7–8.—Stoss., 1897b, 105 (93) (in T. t., T. n., T. c., T. v., *Totanus fuscus*).
- campbelli* Chatin, 1885a, 37–38 (in *Nolotænia filholi*; Campbell Isl.).—Stoss., 1897b, 112 (100).
- capillari* Stoss., 1897b, 108 (misprint for *capillaris*).
- capillaris* Mol., 1860e, 349 (21) (s. *Histioc. ? spiralis sternæ-hirundinis*) (in *Sterna hirundo*; Mus. Wien).—Drasche, 1884a, 213, pl. 12 fig. 37.—Linst., 1889a, 58.—Stoss., 1897b, 108 (96) (so. *acanthocephalica*).
- caprimulgi* Mol., 1860b, 978, 997 (in *Caprimulgus megalurus*; Brazil).—Rans., 1904a, 38, 48.—Shipley, 1902, 606, 612.—Stoss., 1897b, 113 (101).
- caviae-aguti* M. C. V. in Mol., 1860b, 968 (so. *mediospiralis*).—Hall, 1916a, 219 (so *Physoc. mediospiralis*).
- cephaloptera* Mol., 1860b, 956–957, 994, 997 (s. *momoti-brasiliensis*, *orioli*) (in *Momotus brasiliensis*; Brazil).—Dies., 1861a, 686 (to *Cheilospirura*).—Drasche, 1884a, 212–213, pl. 11 fig. 22, pl. 14 fig. 17 (to Ch.).—Linst., 1878a, 73 (in M. b.), 97 (in *Icterus cristatus*, I. *croconotus*); 1889a, 30.—Rans., 1904a, 23.—Stoss., 1897b, 124 (112) (to *Oxyspirura*).
- cervi-nambi* M. C. V. in Mol., 1861a, 514 (90) (*Str. bispinosus*).
- cesticillus* Mol., 1860b, 926 (s. *strongylina suis-labiati*) (in *Dicotyles albirostris*; Brazil).—Drasche, 1884a, 206, pl. 11 fig. 28.—Stoss., 1897b, 98 (86) (in D. a.; B.).—Also reported for D. *labiatus*.
- charadrii-fluviatilis* Linst., 1878a, 135 (in *Aegialites fluv.*) (apparently lapsus for ch. *pluvialis*, see Bellingh., 1844a, 102; in *Charadrius pluvialis*; Ireland).
- charadrii-pluvialis* Dies., 1851a, 227 (in *Charadrius pluvialis*; Ireland; Bellingh., 1844a, 102).—Mol., 1860b, 984.—Stoss., 1897b, 113 (101) (in C. p.; I.).
- chrisoptera* Mol., 1858b, 273–276, figs. 1–6 (s. *Fil. tapiri*) (in stom. wall, *Tapirus americanus*; Barra do Rio Jagnaricata, Brazil); 1860b, 945 (s. *tapiri*) (in T. a.).—Cobbold, 1879b, 402.—Hall, 1916a, 219, 220 (so. *Physoc. mediospiralis*).—Par., 1894a, 570.—Stoss., 1897b, 95 (83) (so. *med.*).—Also reported for *Dasyprocta aguti*.
- chrysoptera* Cobbold, 1879b, 403 (for *chrisoptera*).—Rail., 1916, RMv, 520.
- ciconix-maguari* M. C. V. in Mol., 1860b, 932 (so. *excisa*).
- ciconix-maguari* M. C. V. in Mol., 1860b, 983 (so. *anulata*).
- ciconix-maguari* M. C. V. in Mol., 1860b, 983 (so. *tenuicauda*).—Rans., 1904a, 39.
- ciconix-maguari* M. C. V. in Mol., 1860c, 486 (so. *Disph. longevaginatus*).

SPIROPTERA—Continued.

- cincinnati* Müell. & Paumgarten, 1869a, 88 (for *cincinnati*).—Anacker, 1890g, 373 (so. *Onchocerca reticulata*).—Bodon, 1898, 400–401.
- cincinnati* Erc., 1886, v. 5 (4), 271, 289–294, pl. 5 figs. 1–12 (in *Equus cab.*, E. asinus; by Erc.).—Anacker, 1890g, 373 (*cincinnati*) (so. *Onchocerca reticulata*).—Bartels, —?, DtW, 1897, BtW, 270–271; 1898, 400–401.—Cond.-Franc., 1892, 178.—Generali, 1883a, 87–88.—Johnst. & Cleland, 1911, v. 44, 181.—Mazzanti, 1900b, 626.—Müell., 1868, v. 3 (11), 163–167 (in E. c.).—Nev.-Lem., 1912a, 813.—Perronc., 1882a, 331.—Popov, 1888b, 452, 453.—Rail., 1895a, 538 (so. r.).—Sl. & Sw., 1912a, 397.—Veterinarius, 1898, 400–401.—Ward, 1895a, 334 (in *Bos taurus*), 340 (in E. c.).—Züern, 1871a, 65–71, 1 pl. (*cincinnati*); 1882, 247.
- circularis* Mol., 1860b, 922–924 (s. corvi, psittaci, psittaci-macaronis, psittaci-hyacinthini, psittaci-ararauna (in *Corvus cyanomelas*, C. cristatellus, Psittacus ararauna, P. hyacinthinus, P. macao, P. agilis, P. hæmorrhous; M. C. V., Brazil).—Stoss., 1897b, 87 (75) (in *Strix magellanica*).
- cirrohamata* Linst., 1888b, 8, pl. 1 figs. 14–16 to Fil. (Spiropt.). (in *Phalacrocorax verrucosus*; Challenger).—Stoss., 1897b, 109 (97) (in P. v.).
- citilli* Rud., 1819a, 28, 254 (in stom., *Arctomys citillus*; Mus. Wien).—Dies., 1851a, 225.—Duj., 1845a, 89.—Mol., 1860b, 974–975.—Hall, 1916a, 213 (to Physiopt.).—Stoss., 1897b, 113 (101) (stomach, *Spermophilus citillus*).
- clausa* Duj., 1845a, 85–86 (in *Erinaceus europæus*; Mus. Wien).—Anacker, 1893i, 345.—Seur., 1916, 352, 360.—Stoss., 1889, 49 (14) (to Physiopt.); 1898, 89.
- colymbi* Rud., 1819a, 29 (in *Colymbus septentrionalis*; Greifsw.).—Mol., 1860c, 487 (so. Disph. crassicauda).
- conjunctivalis* Linst., 1907, v. 3 (3), 253, pl. 6 fig. 7 (in *Lemur murinus*; Berl. Zool. Gard.).
- conocephala* Mol., 1860b, 943 (so. cuculi-cayani) (in *Cuculus cayanus*; Brazil).—Drasche, 1884a, 199, pl. 12 figs. 12–13.—Stoss., 1897b, 106–107 (94–95).
- conoura* (Linst., 1885) Linst., 1909a, 64, fig. 40 (in *Aspius rapax*, *Anguilla vulg.*, *Squalius leuciscus*, *Lota vulg.*, *Perca fluvi.*, *Tinca vulg.*).—Jääskeläinen, 1910, 222–223; 1912, CfB, v. 54 (1), 6–7 to Fil. (sp.).
- contorta* Rud., 1819a, 25, 242–243 (s. Asc. testudinis) (in stom., *Testudo orbicularis*; Rimini).—Baird, 1853a, 11.—Dav., 1877a, 782.—Dies., 1851a, 229 (in *Emys europæa*).—Duj., 1845a, 103.—Mol., 1860b, 942–943.—Schneid., 1866, 78, 125 (to Spiroxys).—Sons., 1889, 284.—Stiles, 1907b, 38.—Stoss., 1897b, 129 (117) (to Spiroxys).—Also reported for *Cistudo europæa*.
- contorta* (Mol., 1860), Cobbold, 1879b, 297 to S. (*Gongylonema*) (in bears).
- coronata* Mehl. in Crep., 1846a, 136 (in *Tringa alpina*; by Mehl.).
- coronata* Mol., 1860b, 970 (in *Alcedo americana*, *Rallus cayennensis*; Brazil).—Dies., 1861a, 678.—Skrij., 1916, 511 (in A. a., R. c.).—Stoss., 1897b, 113–114 (101–102).—Also reported for *Chloroceryle americana*.
- corvi* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- corvi* Linst., 1900, in Wolffh., 1900a, 10, 25, 26, 28, 29, 35, 36, 42.—(in *Corvus corone*, C. frugilegus, *Garrulus glandarius*; Freiburg).—Seur., 1916, 360 (in C. c., C. f., G. g.).
- corvi-cajani* M. C. V. in Mol., 1860c, 500 (Disph. mamillaris).
- corvi-coracis* Dies., 1851a, 226 (in *Corvus corax*; Bellingh., 1844a, 102; Ireland).—Mol., 1860b, 980.—Stoss., 1897b, 114 (102) (in C. c.; I.).
- cracis* M. C. V. in Mol., 1860b, 944 (so. heteroclita).—Rans., 1904a, 24 (so. *Oxy-spirura heteroclita*).
- cracis* M. C. V. in Mol., 1860b, 983 (so. tenuicauda).—Rans., 1904a, 39 (so. t.).
- cracis-alectoris* M. C. V. in Mol., 1860b, 981 (so. anolabiata).—Rans., 1904a, 21.
- crassicauda* Mol., 1860b, 937 (29) (misprint for crassicauda).
- crassicauda* Crep., 1829b, 3–4 (in *Colymbus rufogularis*, *Anas glacialis*; by Crep.); 1846a, 138.—Baird, 1853a, 11.—Cobbold, 1861e, 122; 1879b, 447 (in *Bernicia sandwichensis*).—Dies., 1851a, 216 (in A. g., A. clangula, A. tadorna, A. fusca, C. r., C. arcticus, C. septentrionalis, *Mergus serrator*, M. merganser).—Duj., 1845a, 101, 103.—Linst., 1894b, 338–339, pl. 23 figs. 16–17 (in C. a.; by Linst.); 1909a, 63, fig. 33 (in C. a., C. s., M. m., M. s., *Nyroca clangula*, *Tadorna tadorna*).—Mehl., 1831a, 74.—Mol., 1860c, 487 (to Disph.).—Neum., 1900a, 515 (in C. a.).—Seur., 1915, 14; 1916, CrSB, 297.—Stoss., 1897b, 104 (92) (in C. a.; Germany).—Also reported for *Alca torda*, *Harelda glacialis*.

SPIROPTERA—Continued.

- crassicauda* Mol., 1860b, 937, 1003 (29, 95) (s. tinami, tinami-macucabu) (in Tinamus tao. T. stringulosus; Brazil).—Drasche, 1884a, 197, pl. 3 fig. 16.—Stoss., 1897b, 100 (88) (so. molini).
- crotophagæ-ani* M. C. V. in Mol., 1860b, 966 (so. anacanthura).—Rans., 1904a, 21 (so. Oxyspirura anacanthura).
- crotophagæ-majoris* M. C. V. in Mol., 1860b, 940 (so. lanceolata).—Rans., 1904a, 21.
- crotophagæ-majoris* M. C. V. in Mol., 1860b, 966 (so. anacanthura).—Rans., 1904a, 21 (so. Oxyspirura anacanthura).
- cuculi-cayani* M. C. V. in Mol., 1860b, 943 (so. conoceph.).
- cystidicola* (Lam., 1801) Rud., 1819a, 25–26, 245–246 (in Salmo fario, Salmo thymallus latus; Berl.).—Bellingh., 1844a, 102.—Crep., 1839a, 280.—Krøyer., 1843–45a, 644; 1846–53a, 92; 1852–53a, 1215 (in Coregonus oxyrhinchus, S. f., T. vulg.).—Mol., 1860b, 931–932 (s. Cystidicola farionis) (in T. vexillifer).—Schneid., 1866a, 78, 105.
- dacnodes* Crep., 1851b, 295, 308–310 (in Raja clavata, Squalus mustelus; Ostend).—Mol., 1860c, 512 (to Histioc.).—Oerley, 1885a, 109 (to Spiropterina).
- decora* Crep., 1846a, 131 (in Strix brachyotus).
- deflecta* Connal, 1912, 234–236, figs. i, k (in Heliosciurus rufobrachiatu; Lagos).—Rail., 1916, RMv, 520 (in H. r.).
- dentata* Linst., 1904f, 5–6, pl. 1 figs. 5–7 (in stom., Sus cristatus; Chilaw).—Rail. & Henry, 1911, 696 (to Arduenna).
- denticulata* Mol., 1860b, 970–971 (62–63) (s. Acuarina meropis-apiastri, Sp. bidens) (in Falco palumbarius, Merops apiaster; Mus. Wien).—Lepri, 1898a, 53, 54, 61–62, figs. 11–12, 19.—Also reported for Accipiter nisus.
- denticulata* (Rud., 1809) Linst., 1909a, 64, fig. 39 (in Anguilla vulg.).—Rail. & Henry, 1915, BSPE, 274.—Stewart, 1914, 176.
- denticulata minor* Stewart, 1914, RIM, 175–176, 188–189, pl. 21 figs. 41–43 (in Wallago attoo; Lucknow).
- denudata* Rud., 1819a, 641–642 (in Tanagra; Brazil).—Dies., 1851a, 212–213 (in T. olivascens; B.); 1861a, 676.—Duj., 1845a, 97–98.—Mol., 1860b, 920.—Stoss., 1897b, 114 (102).
- didelphidis-virginianæ* Leidy, 1851a, 155 (in stom., Didelphys virginiana; Ing. [U. S. A.]); 1856b, 53 (so. Physalopt. turgida); 1904a, 45–46, 98.—Mol., 1860d, 644 (so. P. t.).—Stoss., 1889, v. 11, 43 (8) (so. P. t.).
- dilatata* (Rud., 1819) Duj., 1845a, 84 (in Hapale rosalia; Brazil).—Stoss., 1889, 52 (17) (to Physalopt.).
- echinata* Dies., 1851a, 222 (in esoph., Mergus albellus; M. C. V.); 1857a, 15.—Mol., 1860c, 499 (to Disph.).
- echinata* (Linst., 1878b) Linst., 1909a, 64–65, fig. 41 (in Anguilla vulg., Alburnus lucidus).
- elongata* Rud., 1819a, 26, 246 (stom. Sterna nigra; Mus. Wien).—Dies., 1851a, 217.—Duj., 1845a, 102.—Mol., 1860c, 495 (to Disph.).—Poche, 1912, AN, 12.—Schneid., 1866a, 94.
- emmerezi* Geddes, 1903a, 48, 90 (for emmerezii).—Nev.-Lem., 1912, 805.—Rans., 1904a, 25 (so. Oxyspirura mansonii).
- emmerezii* Emmerez & Mégn., 1901a, 933–935, figs. A–E (in Gallus dom.; Maurice Isl.).—Charmoy & Mégn., 1902a, 117–118 (in chickens; M.).—Rans., 1904a, 7, 10, 25 (so. Oxyspirura mansonii).
- ephemeridarum* (Linst., 1892) Linst., 1909a, 65–66, fig. 43 (in Ephemera vulgata, Oligoneuria rhenana).—Seur., 1916, 355, 360.
- erecta* Mol., 1860b, 927–928 (s. lanii) (in Thamnophilus guttatus; Brazil).—Stoss., 1897b, 108 (96) (s. anabatis) (in Anabates scandens; B.).
- erinacei* Chatin, 1876a, 801–802 (encysted in Erinaceus europæus; Ing.); 1882, v. 6, 180.—Linst., 1889a, 8 (in E. e.).
- europtera* Sieb., 1854, 113 (for euryoptera).
- euryoptera* Rud., 1819a, 26–27, 248–249 (in Lanius collurio, L. excubitor, L. minor; Mus. Wien).—Baird, 1853a, 11.—Crep., 1846a, 131.—Dies., 1851a, 218–219; 1861a, 677.—Duj., 1845a, 97.—Linst., 1873g, 299–300.—Mol., 1860b, 940–941.—Poche, 1912, AN, 12.—Rans., 1904a, 38.—Sieb., 1854, 113 (europtera).—Stoss., 1897b, 97 (85).—Also reported for Lanius rufus.

SPIROPTERA—Continued.

- excisa* Mol., 1860b, 932-933 (s. *ardeæ-maguari*, *ciconiæ-maguari*) (in *Ciconia maguari*; Brazil).—Drasche, 1884a, 196, pl. 11 figs. 10-11, pl. 14 fig. 6.—Rans., 1904a, 39.—Seur., 1914, CrSB, 393; 1914, 66 (to *Cyrnea*).—Stoss., 1897b, 101 (89).
- falcinelli* Rud., 1819a, 28 (in *Tantalus falcinellus*; C. E. V.).—Dies., 1851a, 227 (in *Ibis falcinellus*).—Duj., 1845a, 99.—Mol., 1860c, 496 (so. *Disph. contortus*); 1861c, 303 (so. D. con.).—Poche, 1912, AN, 12.
- falconis* M. C. V. in Mol., 1860b, 930 (so. *papillosa*).—Rans., 1904a, 27 (so. *Oxyspirura papillosa*).
- falconis* M. C. V. in Mol., 1860b, 965 (so. *filiformis*).
- falconis* M. C. V. in Mol., 1860c, 494 (so. *Disph. rectus*).
- falconis* Rud., 1819a, 28, 254-255 (in *Falco rufipes*; Mus. Wien).—Crisp, 1853a, 68.—Mol., 1860b, 962 (so. *serpentulus*).—Stoss., 1897b, 86 (74) (so. *serp.*).
- falconis-gavial-realis* M. C. V. in Mol., 1860b, 930 (so. *papillosa*).—Rans., 1904a, 27 (so. *Oxyspirura papillosa*).
- falconis-leptopodis* M. C. V. in Mol., 1860b, 930 (so. *papillosa*).—Rans., 1904a, 27 (so. *Oxyspirura papillosa*).
- falconis-nisi* Dies., 1851a, 229 (in *Falco nisus*; Rennes).—Stoss., 1891, 99 (so. *Disph. ellipticus*).
- falconis-subbuteonis* (Dies., 1851) Dies., 1851a, 229 (in *Falco subbuteo*; Rennes).—Mol., 1860c, 495 (so. *Disph. denticulatus*).
- falconis-tridentati* M. C. V. in Mol., 1860c, 483 (so. *Disph. sygmoideus*).
- fallax* Sieb., 1837e, 209 [nv.].—Crep., 1846a, 131.—Mol., 1860c, 490 (so. *Disph. laticeps*).—Seur., 1916, 1126 (so. *Acuaria laticeps*).—Reported for *Strix flammea*.
- feai* Stoss., 1897b, 114 (based on species Par., 1889c, 775) (in *Ninox scutulata*; Birma), 142.—Rans., 1904a, 38, 39, 48.
- felis-concoloris* M. C. V. in Mol., 1860b, 922 (so. *subæqualis*).
- felis-yaguarondi* M. C. V. in Mol., 1860b, 922 (14) (so. *subæqualis*).
- filiformis* Mol., 1860b, 965 (in *Falco urubutinga*; Brazil).—Dies., 1861a, 678.—Stoss., 1897b, 114-115 (102-103) (in *Morphnus urubutinga*; B.).
- fulicæ* Rud., 1819a, 29 (in *Fulica atra*; C. E. V.).—Dies., 1851a, 228.—Duj., 1845a, 101.—Mol., 1860b, 986.—Poche, 1912, AN, 12.—Stoss., 1897b, 115 (103) (in F. a.; Ireland).
- fulicæ-atræ* Dies., 1851a, 228 (so. *fulicæ*) (based on Bellingh., 1844a, 102).—Mol., 1860b, 986 (so. f.).—Stoss., 1897b, 115 (103) (so. f.).
- furcata* Linst., 1898c, 284-285, figs. 7-9 (in [body cavity of] "einem Kroetenfoermigen Frosch;" Ralum).—Seur., 1916, 360.
- gallinulæ* Rud., 1819a, 28 (in *esoph.*, *Scolopax gallinula*; Greifsw.).—Duj., 1845a, 99.—Mol., 1860b, 973 (so. *horrida*).—Villot, 1875, 470 (so. *acuminata*).
- gammari* (Linst., 1892) Linst., 1909a, 66, fig. 44 (in *Gammarus pulex*).—Seur., 1916, 355, 360.
- geotrupis* (Linst., 1896) Seur., 1916, 360.
- glomeridis* (Linst., 1885) Seur., 1916, 360.
- gracilis* Rud., 1819a, 641 (in *Bradypus tridactylus*; Brazil).—Cobbold, 1879b, 321.—Dies., 1851a, 211; 1861a, 678.—Duj., 1845a, 90-91.—Mol., 1860b, 924-925.—Stoss., 1897b, 94 (82) (so. *leptoc.*).
- graculæ-schreibersi* M. C. V. in Mol., 1860b, 946 (so. *unilateralis*).
- gruis* (Linst., 1875) Seur., 1916, 355, 360 (to Fil.).
- hamata* Crep., 1846a, 138 (in *Colymbus cristatus*; by Mehl.).
- hamulata* Natterer [nv.].—Bail., 1866b, 45 (dans une excroissance superficielle du gésier d'un coq; Brazil) (apparently for *hamulosa*).
- hamulosa* Dies., 1851a, 217 (in *Phasianus gallus*; Brazil); 1857a, 14, pl. 1 figs. 31-38.—Cobbold, 1869a, 67; 1879b, 440.—Dav., 1877a, 781.—Hass., 1896a, 5, 6 (to *Disph.*).—Land., 1882, 23.—Mol., 1860b, 959.—Neum., 1892, 375.—Purvis, 1908, v. 53 (25), 1355.—Rail., 1893a, 544 (to D.).—Stiles, 1907b, 37.—Stedter, 1901a, 61 (in *Hühner*), 95.—Stoss., 1891, 97 (to D.).—Verrill, 1870, 180.

SPIROPTERA—Continued.

- helicina* Mol., 1860b, 948-952 (40-44) (in *Alcedo americana*, *Ampelis pompadora*, *Anabates* (Annubius) *anthoides*, *A. cristatus*, *A. luscinioides*, *Cassicus yuracares*, *Cephalopterus ornatus*, *Columba picui*, *Corvus cyanomelas*, *Cuculus cayanus*, *Culicivora dumicola*, *Dendrocolaptes procuvus*, *Icterus crocnotus*, *Muscicapa despotes*, *M. rixosa*, *Myothera* (Formicivora) *melanaria*, *M. ruficeps*, *Perdix dentata*, *P. rufina*, *Picus comatus*, *P. olivinus*, *Psittacus guianensis*, *P. hyacinthinus*, *Ramphocenus melanurus*, *Rhamphastus erythrorhynchus*, *Tanagra episcopus*, *T. melanops*, *Thamnophilus sulfuratus*, *Trogon melanurus*, *Tr. variegatus*, *Tr. species*, *Turdus fulvus*, *Urax mitu*; Brazil).—Cobbold, 1869a, 67, 68 (in Red partridge); 1879b, 321, 440.—Stoss., 1897b, 87-88 (75-76) (in *Conurus pavua*).—Also reported for *Chloroceryle americana*, *Sittace hyacinthina*.
- helix* Linst., 1899b, 16, figs. 42, 70 (s. *Nematoideum fulica-atræ*) (knee joint, *Fulica atra*; Emden); 1909a, 64, fig. 38 (in F. a.).
- heteroclita* Mol., 1860b, 944-945 (s. *cracis*) (in *Crax uru-mutum*; Brazil), 992.—Dies., 1861a, 677.—Linst., 1878a, 124.—Rail., 1916, 105 (in *Nothocrax urumutum*).—Rans., 1904a, 24 (to *Oxyspirura*), 39.—Stoss., 1897b, 115 (103), 149 (137).
- hispida* Schlotthauber, 1860a, 126 (in *Anas boschas fera*).
- hominis* Rud., 1819a, 27, 250-253 (in bladder, *Homo*; Eng.).—Ben., 1878a, 279 (so. *Fil. piscium*).—R. Bl., 1889d, 706.—Bonis, 1882a, 112, 118, pl. 2 fig. 4.—Brems., 1825, 225-227, pl. 4 figs. 6-10.—Cast. & Chalm., 1910a, 408; 1913a, 523.—Cat. RCSL, 1830, 39.—Chiaje, 1825a, 7, 107-108, pl. 8 fig. 6.—Cobbold, 1866, 9; 1872b, 92; 1872c, 752, 753; 1879b, 183.—Dav., 1877a, xcix.—Dies., 1851a, 223-224.—Duj., 1845a, 84.—Dungl., 1893a, 821, 1031.—Farre, 1859a, 290, 299 (in *Homo*; Eng.).—Gerv. & Ben., 1859a, 146-147.—Guès, 1879a, 181.—Guiart, 1910a, 596.—Kuech., 1855a, 464.—Lecoq, 1859a, 666-677.—Leuck., 1867b, 151; 1868a, 395; 1876a, 611.—L'Herminier, 1826a, 14.—Meissner, 1863, 55.—Mol., 1860b, 973 (s. *Str. gigas pullus* ? Brems., *Spirudophii* Chiaje).—Owen, 1835l, 394.—Püettner, 1837a, 4.—Schneid., 1862, 275-276 (reexamined original material and showed it to be *Agamonema piscium* with fish ova and possibly fish entrails).—Scott, 1900, pl. 30.—Slawikowski, 1819, 79.—Stiles, 1907b, 48 (s. *rudolphi*, *rudolphii*, *rudolphiana*, *Fil. piscium*, *Filocapsularia* com., *Agamonema commune*, *Str. gigas pullus*); 1907e, 526.—Weinl., 1859, 284.
- horrida* (Rud., 1809) Dies., 1851a, 222 (in *Scolopax gallinula*; Greifsw.).—Mol., 1860b, 973 (s. *gallinula*).—Schneid., 1866a, 95.
- humana* Chiaje, 1844a, 112 (in *Homo*) [nv.].—Par., 1894a, 246.
- hystrichis* Mol., 1860b, 975 (for *hystricis*).
- hystricis* (Rud., 1809) Rud., 1819a, 28 (in esoph., *Hystrix cristata*; by Redi).—Dies., 1851a, 225.—Duj., 1845a, 90.—Hall, 1916a, 220, 222-223 (in H. c.; Italy).—Mol., 1860b, 975 (*hystrichis*).—Par., 1894a, 246.—Stoss., 1897b, 115-116 (103-104) (*hystrichis*).
- ibis* Mol., 1860b, 984 (in *Ibis rubra*; Brazil).—Stoss., 1897b, 116 (104).
- iguanae* Smith (A. J.), 1908a, 269 (in *Cyclura nubila*; from Cuba).—S., F., & W., 1908a, 293, pl. 10 figs. 1-3.
- imbricata* Mol., 1860b, 972 (in *Tantalus loculator*; Brazil).—Drasche, 1884a, 295, pl. 11 fig. 27, pl. 13 fig. 15.—Stoss., 1897b, 102 (90).
- immitis* (Leidy, 1856) Erc., 1875e, 38.—Stiles, 1907b, 46 (to *Fil.*).
- incerta* Smith (A. J.), 1908b, 269 (21-22) (in parakeets, amazons, conures, parrots; Phila. Zoo.).—S., F., & W., 1908a (b), 291-293 (62-65), pl. 9 (in *Bolborhynchus lineola*, *B. monachus*, *Chrysotis auripalliat*a, *C. guatemalæ*, *C. leucocephalus*, *C. ochroptera*, *Conurus leucotis*, *C. pertinax*, *Eclectus oratus*, *Lophortyx californicus*, *Palæornis fasciatus*, *Platycercus barnardi*, *P. eximius*, *P. pallidiceps*, *Pœocephalus senegalus*, *Protogerys virescens*; Phila. Zool. Gard.).—Fox, 1910, 21-22.—Weidman, 1912, 41-54, 1 chart; 1913, PANS, 133; 1915, JCPT, 313-320 (18-25), figs. 1-4 (of parrots).
- inflata* Mehl., in Crep., 1846a, 135 (so. ? *Tetrameres hæmochrous*) (in *Ciconia nigra*; lng.). 136 (in *Charadrius pluvialis*).—Dies., 1851a, 207 (so. *Tropidocerca paradoxa*).
- inflata* Mol., 1860b, 976-977 (68-69) (in *Falco unicinctus*; Brazil).—Drasche, 1884a, 205.—Stoss., 1889, 51 (16) (to *Physalopt.*).

SPIROPTERA—Continued.

- intermedia* Duj., 1845a, 95 (media Crép., 1825a, 11, renamed) (in *Falco fuscoater*; teste Crép.).—Mol., 1860b, 953 (so. leptopectera).
- labiodentata* Linst., 1899b, 16, fig. 25 (in intest., *Mus navalis*; Egypt).—Hall, 1916a, 203 (to *Protospirura*).
- lachrymalis* (Gurlt, 1831) Cobbold, 1874t, 790 (refers to Gurlt) (apparently in eyes of horse; Ing., does not mention host).
- lanceolata* Mol., 1860b, 940 (s. *crotophaga-majoris*) (in *Crotophaga major*; Cuyaba).—Drasche, 1884a, 198, pl. 14 fig. 9.—Rans., 1904a, 21.—Seur., 1914, CrSB, 393.—Stoss., 1897b, 104 (92) (so. *semilunaris*).
- lanii* M. C. V. in Mol., 1860b, 928 (so. *erecta*).
- laticauda* Mol., 1860c, 511 (for *laticaudata*).
- laticaudata* Rud., 1819a, 24, 239–240 (in *Otis tetrax*; *Mus. Wien*).—Mol., 1860c, 511 (to *Histioc.*).—Schneid., 1866a, 103.—Stiles, 1907b, 38 (? type of *Histioc.*).
- laticeps* Rud., 1819a, 23, 238–239 (in *Falco lagopus*; *Mus. Wien*).—Baird, 1853a, 8.—Crép., 1846a, 131.—Dies., 1851a, 220–221 (to *Disph.*) (in *Strix bubo*).—Duj., 1845a, 71 (to D.).—Hass., 1896a, 5, 6 (to D.).—Lepri, 1898a, 58 (to D.).—Mol., 1860c, 490 (to D.).—Rail., 1893a, 543 (to D.).—Schneid., 1866a, 93 (to Fil.).—Stoss., 1891, 90 (to D.); 1898, 94 (to D.).—Also reported for *Falco nisus*, *F. tinnunculus*, *Strix brachyotus*.
- leonis* (Rud., 1809) Rud., 1819a, 27 (in *Leo*).—Dies., 1851a, 224 (in *Felis leo*).—Duj., 1845a, 89.—Mol., 1860b, 974.—Stoss., 1897b, 116 (104).
- leporum* Moniez, 1880k, 447–448 (in stom., *Lepus [cuniculus]*; Wimereux; also *lapins de garennes*, *lapins des dunes de Groffliers*; also *lièvre*; Lille).—Hall, 1916a, 148 (to Str.).—Neum., 1892, 373.—Vide Str. 1.
- leptocephala* (Rud., 1819) Stoss., 1897b, 94–95 (82–83) (s. *gracilis*, *brachystoma*) (in *Bradypus tridactylus*, *B. didactylus*).
- leptopectera* Rud., 1819a, 26, 247–248, 257 (s. *Asc. anceps*) (in *Falco buteo*, *F. cineraceus*, *F. nisus*, *F. tinnunculus*; *Mus. Wien*).—Baird, 1853a, 10.—Bellingh., 1844a, 102.—Cobbold, 1858b, 164 (in *Accipiter nisus*, *Strix otus*).—Dies., 1851a, 217–218 (in *Emberiza pecoris*, *F. ater*, *F. cyaneus*, *F. lanarius*, *F. palumbarius*, *F. rufus*, *F. subbuteo*, *F. albicollis*, *F. aurantius*, *F. cachinans*, *F. magnirostris*, *F. xanthothorax*, *F. bidentatus*, *F. uncinatus*; Paris); 1861a, 677.—Duj., 1845a, 93.—Garin, 1913, 13, 119–125, 129, 132, 148, figs. 38–42 (in *Buteo vulg.*).—Gurlt, 1845a, 243, 244, 246, 247, 248.—Seur., 1916, 360.—Linst., 1909a, 63, fig. 34 (in *Circus aeruginosus*).—Mol., 1860b, 953–955, 994, 998, 999, 1000 (in *F. tridentatus*, *F. sp.*).—Rans., 1904a, 45.—Seur., 1914, 427.—Stoss., 1897b, 52 (to Fil.).—Schneid., 1866, 97.
- leptopectera* (Rayer, 1843d) Mol., 1860b, 953.
- leptostoma* Schlotthauber, 1860a, 126 (in *Petromyzon fluviatilis*; by Schlotth.).
- leuckarti* Walter, 1866a (b), 72 (22), pl. 1 fig. 3 (in *Chrysotis amazonica*; by Walter).—Linst., 1878a, 68 (in C. a.).—Stoss., 1897b, 116 (104) (in C. a.).
- linstowi* Sons., 1895, 124 (in *Nyctinomus ægyptius*; Egypt).—Stoss., 1897b, 90 (in N. a.; E.).
- longestriata* Mol., 1860b, 958 (in *Picus campestris*, *P. grammicus*, *P. jumana*; Brazil).—Seur., 1914, CrSB, 429.—Stoss., 1897b, 102–103 (90–91).
- longesubulata* Mol., 1860b, 960 (in *Ciconia maguari*; Brazil).—Dies., 1861a, 677.—Stoss., 1897b, 116–117 (104–105).
- masoni* (Cobbold, 1879) Gedœlst, 1903a, 90, 103 (s. *Sp. emmerezi*) (in *Gallus gallinaceus*).—Rans., 1904a, 25 (to *Oxyspirura*).
- media* Crép., 1825a, 11–12 (in *Falco fusco-ater*; by Schilling); 1846a, 129 (in *F. apivorus*, *F. ater*).
- medicospiralis* Mol., 1860b, 968 (in *Dasypsecta aguti*, *Tapirus americanus*; Brazil).—Cobbold, 1879b, 402, 403.—Drasche, 1884a, 203, pl. 12 fig. 16.—Hall, 1916a, 219, 220 (to *Physoc.*).—Stoss., 1897b, 95–96 (83–84) (s. *chrisoptera*).
- megastoma* (Crép. 1829) Duj., 1845a, 96 (in *Falco nisus*; Greifsw.).—Baird, 1853a, 10 (to *Physalopt.*).—Schlotthauber, 1860, 126.—Sisson, 1898, 41–42.—Stoss., 1889, v. 11, 45 (10) (so. *P. alata*); 1898, 88.
- megastoma* Rud., 1819a, 22–23, 236–237 (in *Equus*; Berl.).—Adams, 1887, 318.—Anacker, 1892l, 578.—Bail., 1866b, 42–44 (s. *Spirura megastoma*).—Baird,

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megastoma—continued.

1853a, 9.—Berke, 1911, CfB, in 129-134 (Kamerun).—Blumberg, 1884a, 154 (in E. cab.; Kasan).—Büetsch., 1873a, 23.—Cagnv & Gobert, 1904, 685.—Campb. & Lacr., 1907, 81.—Cobbald, 1873c, 111; 1874t, 790; 1875c, 217; 1875d, 210; 1875e, 238; 1876c, 839 (in mule; Port Louis); 1876t, 757, 839; 1877b, 1-5; 1879b, 380, 381, 382, 403, 407.—Craig, 1915, 491, 498.—Dav., 1877a, c, 229, 777-778.—Desmond, 1905, 252.—Dickenson, 1917, VJ, v. 73, 14-15.—Diem, 1908, v. 52, 873-874.—Dies., 1851a, 211.—Duj., 1845a, 91-92.—Eberth, 1863a, 64, 65, 66, 68, 70, pl. 9 figs. 1, 13.—Erc., 1852b, 41-50, figs. a-n; 1852c, 353; 1853b, 451-459; 1854b, 369-370, 1875e, 35.—Fiebiger, 1912a, 236, figs. 155-157.—The Field, Farm, Garden, 1905, Jan. 28 (Australia).—Filenski, 1911, v. 13 (9), 527-530.—Francis, 1894a, 451.—Frœhner, 1915a, 259.—Galli-Val., 1901c, 358; 1908, 611.—Garin, 1913, 129.—Gedœlst, 1911a, 110 (in horse, donkey).—Glage, 1904, 796.—Guidotti, 1899b, 203.—Gurlt, 1831a, 60, 155, 156, 351-352, pl. 5 figs. 35-40, pl. 6 figs. 1-4.—Hart, 1874a, 669.—Henry, 1909, AGNS Wales, v. 20, 579-580, 1 fig.—Hut. & Mar., 1906a, 378; 1910b, 474; 1913b, 471.—Johnst., 1914, 82 (in horse).—Leidy, 1860a, 3.—Leiper, 1908, 191 (in mule; Wau. Bahr-el-Ghazæ).—Lingard, 1905, 50.—Looss, 1901a, 75.—Lotham, 1908, v. 33 (4), 474-475.—Martin, 1908, v. 33 (4), 475; 1908, v. 20, 813-814; 1909, v. 13, 469.—Mol., 1860b, 925-926.—Neum., 1892, 346, 347, 348, figs. 126, 127.—Nev.-Lem., 1912a, 818.—Perronc., 1882a, 329.—Petit & Germain, 1907c, 410; 1908, v. 16 (23), 337-338; 1908, v. 31 (30), 374; 1908, v. 82, 567-573.—Place, 1915, 120.—Polonio, 1860b, 22.—Rail., 1890w, 143; 1893a, 533, figs. 370-371.—Rail. & Henry, 1915, BSPE, 696.—Salmon & Stiles, 1902, 85.—Schneid., 1866a, 98, 99.—Seddon, 1916, 8-10.—Seur., 1912, 780.—Sieb., 1845, 91.—Sisson, 1898a, 41-42, figs. 1-2; 1898b, 118.—Sl. & Sw., 1912a, 398, 402.—Stiepanow, 1903a, 604.—Stiles & Hass., 1894e, 347 (in E. c.).—Stœdter, 1901a, 61, 94.—Stoss., 1897b, 109-110 (97-98) (in E. c., E. asinus).—Theobald, 1900, 62-63.—Val., 1843, 71-75.—Vaull., 1901, 125.—Verrill, 1870, 178, 232.—Ward, 1895, 340.—Wedl, 1856, v. 19, 43, pl. 2 figs. 15-19.—Weinberg, 1907, 287.—Wolffh., 1911, 50.—Züern, 1882, 246.

megastoma major Gurlt, 1831a [nv.].—Cobbald, 1877b, 3 (in Equus cab.); 1879b, 381.—Dies., 1851a, 211.—Rail., 1893a, 535 (so. microstoma).—Ward, 1895, 340.

microdactyli-margravii M. C. V. in Mol., 1860b, 921 (so. brevipenis).—Rans., 1904a, 22 (so. Oxyspirura brevipenis).

microstoma (Schneid., 1866a) Züern, 1872; 1882, 245.—Adams, 1887, 318.—Campb. & Lacr., 1907, 81-82.—Cobbald, 1873c, 111 (in Equus cab.); 1874t, 789; 1875e, 238; 1876c, 839 (in mule; Port Louis); 1877b, 5; 1879b, 380, 381, 382, 383, 407.—Craig, 1915, 498.—Evans, 1899a, 38.—Fiebiger, 1912a, 237.—Frœhner, 1915a, 259.—Galli-Val., 1908, 611.—Garin, 1913, 126-132, 148, figs. 43-45.—Gedœlst, 1911a, 110 (in donkey, horse, mule).—Hut. & Mar., 1906a, v. 2, 378; 1910b, 474; 1913b, 471.—Looss, 1901a, 75.—Martin, 1908, VR, v. 20, 814-815.—Montg., 1906a, 21.—Neum., 1892, 347, fig. 128.—Nev.-Lem., 1912a, 819.—Perronc., 1882a, 328.—Place, 1915, 120, 122, 123.—Rail., 1890w, 143; 1893a, 535 (s. *megastoma major* Dies.).—Rail. & Henry, 1911, v. 4 (10), 695.—Salmon & Stiles, 1902, 85.—Seur., 1912, 778, 780, fig. 2.—Sl. & Sw., 1912a, 398, 402.—Spooner, 1876, 845.—Stiles & Hass., 1894e, 347 (in E. c.).—Stœdter, 1901a, 61, 94.—Stoss., 1897b, 99 (87) (in E. c., E. asinus, E. mulus).—Theobald, 1900, 62, 63.—Vaull., 1901, 133.—Ward, 1895, 340.—Weinberg, 1907, 287.—Wolffh., 1911, 51.—Züern, 1882a, 245 (to Fil.).

minuta (Ben., 1873) Linst., 1878a, 13 (in Vespertilio dasycneme); 1909a, 65 (in V. d.).—Mingazzini, 1900d, 135, 161, figs. 1, 2.—Seur., 1916, 360.—Stoss., 1897b, 117 (105).

molini Stoss., 1897b, 100 (88) (s. *crassicauda* Mol.) (in Tinamus tao, T. strigulosus; Brazil).

momoti-brasiliensis M. C. V. in Mol., 1860b, 957 (so. cephalopt.).—Rans., 1904a, 23 (so. Oxyspirura cephalopt.).

mugientis Linst., 1898d, 761, figs. 6-7 (in Rana mugiens; from N. America).—Seur., 1916, 360 (in R. catesbyana); 1916, CrSB, 1133.

murici Linst., 1889a, 6 (misprint for muriei).

muricola Linst., 1905bb, 185-186 (in Mus surifer; Siam).—Hall, 1916a, 187 (to Fil.).—Seur., 1916, 361 (in M. s.).

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- murici* Cobbold, 1876, PZSL, 296*, pl. 21 figs. 11–13 (in *Pithecia leucocephala*; by Murie).—Linst., 1889a, 6 (*murici*) (in P. l.).—Stoss., 1897b, 117 (105).
- murina* Leuck., 1867b, 76; 1876a, 708; 1879a, 86, 88, 102, fig. 45; 1886a, 65, 67, 76, 156, fig. 45.—Anacker, 1893i, 345.—Dolley (see *Fil. obtusa*).
- muris* M. C. V. in Mol., 1860b, 928 (so. *bilabiata*).
- nasicola* Leuck., F., 1842a, 43–47, pl. 1 figs. 9 a–b, pl. 2 figs. 4 a–g (in *Mustela putorius*, M. foina; by Leuck.) [also as *Fil.*, 33].—Dies., 1851a, 225.—Duj., 1845a, 88.—Leuck., 1868a, 402; 1879a, 183; 1886d, 143.—Stoss., 1897b, 18 (6) (to *Fil.*).
- nasuta* Rud., 1819a, 23, 238 (in *Fringilla dom.*; Mus Wien).—Dies., 1851a, 212 (in *Phasianus gallus*).—Duj., 1845a, 75 (to *Disph.*).—Fiebiger, 1912a, 242.—Geddelst, 1903a, 48.—Hass., 1896a, 5, 6 (to D.).—Hut. & Mar., 1906a, 189.—Legros, 1864b, 218–219.—Mol., 1860c, 483 (to D.); 1861c, 301.—Nev.-Lem., 1912a, 828.—Rabieaux, 1900a, 19, 20, fig. 2; 1900b, 562 (in chickens; France).—Rail., 1893a, 544 (to D.).—Schneid., 1866a, 94.—Stoss., 1891, 92 (to D.).
- neoplastica* (Fibiger & Ditlevsen, 1914) Fibiger & Ditlevsen, 1914, 1–28, figs. 1–3, 4 pls. 32 figs., to (*Gongylonema* q. v.) (in *Blatta germanica*, *Cavia cobaya*, *Lepus cuniculus* dom., *Mus decumanus*, *M. d. albus*, *M. rattus*, *M. musculus*, *Periplaneta americana*, *P. orientalis*, *Tenebrio molitor*).—Fibiger, 1914, v. 63 (16), 1432; 1914, v. 63 (14), 1244; 1914, v. 57 (34), 1049–1080; 1915, v. 62 (12), 406.—Hall, 1916a, 193 (to *Gong.*).—Wazeink, 1916, NTG, v. 2, 1106; 1916, JAMA, v. 67, 1404. [See also *Spiropt. species*.]
- nuda* Mol., 1860b, 919 (11) (in *Falco cyaneus*, *F. subbuteo*, *Rallus mangle*; Brazil).—Drasche, 1884a, 193.—Linst., 1878a, 109; 1889a, 41.—Par., 1887b, 361; 1894a, 246.—Stoss., 1897b, 89 (77) (in *Circus cyaneus*, *Tinnunculus tinnunculoides*).
- nyctinomi* Linst., 1901b, 412, fig. 6 (in *Nyctinomus martiensseni*; Langenburg, Nyassa-See, Africa).—Seur., 1916, 361 (in N. m.; N.).
- obtusa* Rud., 1819a, 27, 249–250 (in *Mus musculus*; Greifsw.).—Anacker, 1893i, 345.—Baird, 1853a, 9.—Ben., 1866a, 209.—Bonis, 1882a, 121.—Brems., 1824a, 126; 1824c, pl. 2 figs. 19–24.—Cobbold, 1861e, 121; 1879b, 316.—Dewitz, 1892b, 143.—Dies., 1851a, 214–215.—Duj., 1845a, 89–90.—Eberth, 1863a, 64.—Galeb, 1878b, 300.—Gieb., 1857a, 268.—Hall, 1916a, 204 (so. *Protospirura muris*).—Lam., 1840a, 661.—Leuck., 1867b, 113, figs. 85–87; 1868a, 366; 1876a, 514, 614; 1879a, 102; 1886d, 76.—Linst., 1904f, 6 (in *M. decumanus*).—Marchi, 1871a, 1–30, pls. 1–2 figs. 1–29.—Mol., 1860b, 934 (s. *Asc. teres*, *A. muris*, *A. obtusa*, *Lumbricus muris*, *Fus. muris*).—Mordw., 1908, v. 13 (1–2), 191.—Nordm., 1840a, 661.—Par., 1894a, 246; 1898b, 20 (to *Fil.*).—Rans. & Hall, 1916, 84, 85, 86 (in rat, mouse, *Tenebrio molitor*).—Rollest., 1888a, 685.—Saunders, 1914, v. 14, 132, 138.—Schlotthauer, 1860, 125.—Schneid., 1866a, 83, 97 (to *Fil.*), 204, 234.—Seur., 1910, 147; 1914, CrSB, 346 [to *Protospirura*]; 1914, 632; 1916, 309, 361 (so. *P. muris*).—Shipley, 1896, 161; 1901b, 161.—Stoss., 1897b, 52 (40) (so. *Fil. muris*).—Also reported for *M. sylvaticus*.
- obvelata* Crep., 1825a, 10–11, 80 (in *Larus maximus*, *L. argentatus*, *L. argentatoides*, *L. medius*; by Crep. & Schilling); 1829b, 4–6; 1846a, 136.—Dies., 1851a, 231 (so. *Histioc. spiralis*).—Duj., 1845a, 101–102 (in *L. argentatus*, *L. argentatoides*, *L. medius*, *Sterna risoria*, *Totanus maculatus*, *T. fuscus*).—Stoss., 1897b, 54 (42) (to *Fil.*).—Also reported for *Alca torda*, *L. canus*, *L. fuscus*, *L. marinus*, *L. ridibundus*, *Mergus serrator*, *Sterna arctica*, *Totanus hypoleucus*.
- ochracea* (Linst., 1894b) Linst., 1909a, 63, fig. 35 (in *Trutta trutta*, *Thymallus vulg.*).—Jääkeläinen, 1913, 92–93 (in Th. v.; Finland).
- orca* Linst., 1906, v. 3, 166–167, pl. 1 figs. 6–8 (in stomach, *Manis pentadactyla*; Horane).
- orioli* M. C. V. in Mol., 1860b, 957 (so. *cephalopt.*).—Rans., 1904a, 23 (so. *Oxyspirura cephalopt.*).
- ornata* Mehl. in Crep., 1846a, 132 (in *Corvus glandarius*; by Mehl.).
- pachyderma* Crep., 1851b, 280 (in *Falco aesalon*; Greifsw.).—Linst., 1878a, 114 (in F. a.).—Mol., 1860b, 976 (in F. a.; G.).—Stoss., 1897b, 117 (105).
- palamedæ-cornutæ* M. C. V. in Mol., 1860e, 350 (renamed *Str. anulatus*); 1861a, 509 (85) (so. S. a.).
- papillata* Mol., 1859h, 25 (in intest., *Leuciscus cavedanus*; Padua).—Linst., 1878a, 256 (in L. c.).—Par., 1894a, 247.—Stoss., 1897b, 117 (105) (in L. c.; P.).

SPIROPTERA—Continued.

- papillosa* Mol., 1860b, 929-930 (21-22), 998 (s. *falconis*, f. *leptopodis*, f. *gavialis*) (in *Falco destructor*, F. *gracilis*; Brazil).—Dies., 1861a, 676.—Drasche, 1884a, 195, pl. 12 fig. 20, pl. 13 fig. 7.—Linst., 1878a, 110 (in *Geranospiza gracilis*), 115; 1889a, 41.—Rans., 1904a, 27 (to *Oxyspirura*).—Stoss., 1897b, 95 (83), 141 (129).
- pectinifer* Lint., 1901b, 411, 427-428, figs. 197-199 (in *Sphyrna zygaena*; Woods Hole).
- pectinifera* Neum., 1900a, 513-515, figs. 1-2 (in gizzard, *Gallus dom.*; Lyon, France); 1901a, 255; 1904b, 6.—Frœhner, 1915a, 259.—Gedœlst, 1903a, 48; 1911a, 110 (in chicken).—Hut. & Mar., 1906a, 382; 1910b, 480; 1913b, 479.—Nev.-Lem., 1912a, 826.—Nicolas, 1904f, 152.
- penihamata* Mol., 1860b, 938-939 (s. *strigis*, *strigis-atricapillæ*, s. *flammeæ*, s. *griseatæ*, s. *lineatæ*) (in *Strix atricapilla*, S. *flammea*, S. *griseata*, S. *albo-marginata*; Brazil).—Drasche, 1884a, 198, pl. 13 fig. 6.—Linst., 1878a, 105-106; 1889a, 40.—Rans., 1904a, 23.—Seur., 1915, 14 (in *Strix*; B.).—Stoss., 1897b, 100 (88).
- perforans* Centoscuti, 1911, ZA, v. 37 (19-20), 394-400, figs. 1-5 (in *Gallus dom.*; Italy); 1911, RMv, 391; 1913, RgMv, 82-83.—Gedœlst, 1911a, 110 (in chicken; I.).—Rail., 1911, RMv, 391 (so. *Acuaria hamulosa*).
- phasiani-picti* Mol., 1860b, 981 (73) (in *Phasianus pictus*; M. C. V.).—Drasche, 1884a, 206, pl. 11 fig. 29.—Linst., 1878a, 122; 1889a, 46.—Stoss., 1897b, 51 (39) (to Fil.).
- philomelæ* Dies., 1851a, 226 (s. Fil. *abbreviata*) (in *Sylvia philomela*, *Saxicola stapezina*; M. C. V.).—Linst., 1878a, 87, 92.—Rans., 1904a, 31, 32 (so. Fil. *ab.*).
- physalura* Duj., 1845a, 94-95 (in *Falco com.*, F. *nisus*, F. *pygargus*, F. *pallumbarius*, F. *pennatus*, F. *rufus*, F. *subbuteo*, F. *gallicus*; France).—Baird, 1853a, 10.—Stoss., 1889, 45 (10) (so. *Physalopt. alata*); 1898, 88.
- pigmentata* Linst., 1897c, 608-610, pl. 28 figs. 1-5 (in *Cercopithecus albigularis*; lng.).—Stoss., 1897b, 93-94 (81-82).
- pigmentalis* Concilium Bibliog. card (for *pigmentata*).
- pistillaris* Mol., 1860b, 955 (s. *strigis-magellanicae*) (in *Strix magellanica*; Brazil).—Linst., 1878a, 106; 1889a, 40.
- plataleæ-ajajæ* M. C. V. in Mol., 1860b, 964 (so. *quadripapillosa*).
- plataleæ-ajajæ* M. C. V. in Mol., 1860c, 497 (so. *Disph. magnilabiatius*).
- posthelica* Mol., 1860b, 926-927 (s. *tinami-macucabu*) (in *Tinamus tao*; Brazil).—Linst., 1878a, 125; 1889a, 47.—Stoss., 1897b, 86 (74).
- procellariæ* Dies., 1851a, 223 (s. p. *anglorum*) (in *Procellaria anglorum*; Ireland).—Linst., 1878a, 165.—Mol., 1860b, 987-988.—Skrj., 1916, CrSB, 972.—Stoss., 1897b, 117 (105) (in P. a.; I.).
- procellariæ-anglorum* Dies., 1851a, 223 (so. *procellariæ*) (based on Bellingh., 1844a, 102).—[Duj., 1845a, 102.]—Stoss., 1897b, 117 (105) (s. p.).
- psittaci* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- psittaci* M. C. V. in Mol., 1860b, 947 (so. *tercostata*).
- psittaci-æstivi* M. C. V. in Mol., 1860b, 927 (so. *quadricostata*).
- psittaci-æstivi* M. C. V. in Mol., 1860b, 947 (so. *tercostata*).
- psittaci-araruna* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- psittaci-hyacinthinii* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- psittaci-macaonis* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- pulchella* Mol., 1860b, 985 (in *Rallus cayennensis*; Brazil).—Drasche, 1884a, 207.—Linst., 1878a, 138; 1889a, 51.—Stoss., 1897b, 109 (97).
- pulicis* (Linst., 1894) Linst., 1909a, 66, fig. 45 (in *Gammarus pulex*).
- quadrialata* Mol., 1860b, 965-966 (in *Mus musculus*; Brazil).—Drasche, 1884a, 203.—Hall, 1916a, 90, 220, 221 (in M. m.; B.).—Linst., 1878a, 22; 1889a, 10.—Par., 1898b, 20.—Stoss., 1897b, 89 (77).
- quadricostata* Mol., 1860b, 927 (s. *psittaci-æstivi* M. C. V.) (in *Psittacus æstivus*; Brazil).—Linst., 1878a, 66.—Stoss., 1897b, 118 (106).
- quadridentata* Mol., 1860b, 941-942 (s. *saracuræ*) (in *Alcedo americana*; Brazil).—Drasche, 1884a, 199.—Linst., 1878a, 72; 1889a, 30 (in *Chloroceryle americana*).—Stoss., 1897b, 107 (95).

SPIROPTERA—Continued.

- quadrilabiata* Drasche, 1884a, 214-215, 217, pl. 11 figs. 7, 17, pl. 13 fig. 8 (in *Brycon falcatus*, *Dicotyles labiatus*, *Trogon collaris*; Coll. Mol.).—Linst., 1889a, 124.
- quadriloba* Rud., 1819a, 25, 241-242 (in *Picus viridis*; Mus. Wien).—Dies., 1851a, 226.—Gieb., 1857a, 268.—Leidy, 1885b, 10.—Mol., 1860c, 500 (so. *Disph. crassus*).—Schneid., 1866a, 93.—Stiles & Hass., 1894e, 348 (in *Hylotomus pileatus*).—Also reported for *Picus martius*.
- quadripapillosa* Mol., 1860b, 964 (s. *platealeæ-ajajæ*) (in *Platalea ajaja*; Villa Maria).—Drasche, 1884a, 202.—Linst., 1878a, 148; 1889a, 54.—Stoss., 1897b, 88 (76) (in *Ajaja ajaja*; Brazil).
- quadriscopiosa* Mol., 1860b, 987 (in *Anas dominica*; Brazil).—Linst., 1878a, 155.—Skrj., 1916, 480 (in A. d.).—Stoss., 1897b, 118 (106).
- radiata* Nitzsch in Gieb., 1866a, 274 (in *Falco peregrinus*).—Linst., 1878a, 117 (in F. p.).—Stoss., 1897b, 118 (106).
- rajæ* Dies., 1851a, 229-230 (*rajæ-batis* Bellingh. renamed) (in *Raja batis*, R. clavata; Ireland, Bellingh., 1844a, 102).—Krøyer., 1852-53a, 995 (for *rajæ-batis*), 1272.—Mol., 1860b, 988 (s. *rajæ-batis*, *rajæ-clavatæ*).
- rajæ-batis* Dies., 1851a, 230 (based on Bellingh., 1844a, 102, in *Raja batis*).—Krøyer., 1852-53a, 995 (in *Raja batis*).—Mol., 1860b, 988 (so. *rajæ*).
- rajæ-clavatæ* Mol., 1860b, 988 (in *Raja clavata*; based on Duj., 1845a, 105) (so. *rajæ*).—Wedl, 1855, v. 16, 388, 394, pl. 2 fig. 28.
- ralli* Rud., 1819a, 642-643 (in *Rallus*; Brazil).—Dies., 1851a, 228 (in *R. mangle*, *R. saracura*; B.).—Linst., 1878a, 139.—Mol., 1860b, 986.—Stoss., 1897b, 118 (106).
- ramphastos* M. C. V. in Mol., 1860c, 492 (so. *Disph. crassissimus*).
- ratti* Dies., 1851a, 225 (in *Mus rattus*; Ber.).—Hall, 1916a, 220, 221 (in *Epimys rattus*).—Linst., 1878a, 23.—Mol., 1860b, 975.—Stoss., 1897b, 119 (107).
- recta* (Linst., 1879) Müell., 1897a, 6, pl. 1 fig. 4, to Fil. (Spiropt.).—Linst., 1909a, 63-64, fig. 36 (in *Colymbus cristatus*).
- recticauda* Mol., 1860c, 346 (in *Falco coronatus*; Brazil).—Linst., 1878a, 115.—Stoss., 1897b, 119 (107).
- reticulata* (Dies., 1841) Rail., 1885a, 391-392 (s. *cinnata*); 1891c, 85-90 (in *Equus cab.*); 1893a, 538, figs. 376-380 (s. *cinnata*).—Assénova, 1899, 105.—Bassi, [1875b, 497-515; 1885a, 1-13;] 1885b, 145-150.—Campb. & Lacr., 1907, 82.—Conte, 1893a; 1894a, 513.—Daniels, 1910a, 118.—Diamare, 1897a, 465.—Dodd, 1910, v. 24 (2), 85-86; 1910, v. 24 (2), 86-87 (in cattle); 1910, v. 22, -570-571.—[Ferguson, 1838a, 520.]—Fiebiger, 1912a, 238, figs. 159, 160.—Frehner, 1915a, 260.—Galli-Val., 1901c, 358; 1908, 611.—Lingard, 1905, 53, 54.—Nev.-Lem., 1912a, 813.—Pader, 1900c, 59-64.—Pillers, 1914, 51.—Ratz, 1898a, 103-106, figs. 1-7; 1900g, 143-144.—Schwericke, 1910, 5-88, 5 pls. 10 figs.—Shipley, 1896, 149; 1901b, 149.—Sl. & Sw., 1912a, 397, 404.—Stiles, 1892q (in *Bos taurus*).—Stiles & Hass., 1894e, 347 (in B. t.).—Stoss., 1897b, 97-98 (85-86) (s. Fil. *cinnata*).—Sweet, 1915, 5, 10.—Theobald, 1900, 63.—Vaull., 1901, 123.—Vet. Mag., 1894, v. 1 (7), 511-512.—Ward, 1895a, 334, 340.
- retusa* (Rud., 1819) Duj., 1845a, 104 (in *Podinema teguixin*; Brazil).
- revoluta* Rud., 1819a, 26, 247 (in *Charadrius himantopus*; Mus. Wien).—Duj., 1845a, 100 (in *Himantopus melanopterus*).—Linst., 1878a, 132.—Mol., 1860c, 493 (to *Disph.*).—Poche, 1912, AN, 12.
- rheæ-americanae* M. C. V. in Mol., 1860b, 929 (so. *uncinipenis*).
- rubella* Mehl. in Crep., 1846a, 135 (in *Ciconia nigra*; by Mehl.).
- rudolphi* Chiaje, 1825a, 7-8, 107-108, pl. 1 fig. 3 (s. *rudolpiana*) (in *Homo*); 1833a, 5-6, pl. 1 fig. 4.—Stiles, 1907b, 48 (so. *hominis*).
- rudolphiana* Chiaje, 1825a, 7-8, pl. 1 fig. 3 (for *rudolphi*).—R. Bl., 1889d, 706.—Stiles, 1907b, 48 (so. *hominis*).
- rudolphii* Dies., 1851a, 223 (for *rudolphi*) (so. *hominis*).—Mol., 1860b, 973 (so. h.).—Stiles, 1907b, 48 (so. h.).
- saginata* (Rud., 1819) Duj., 1845a, 96 (in *Strix*; Brazil).—Baird, 1853a, 107.—Mol., 1860c, 347 (in *Caprimulgus gujanensis*, *C. leucopygius*, *Corvus cajanus*, *Crotophaga ani*, *Cuculus tinguacu*, *Falco furcatus*, *Icterus cristatus*, *Strix atricapilla*, *S. torquata*, *Thamnophilus funebris*).—Stoss., 1889, 53 (18) (to *Physalopt.*).

SPIROPTERA—Continued.

- salmonis* M. C. V. in Mol., 1860b, 931 (23) (so. *acuminata*) (in Brycon falcatus; Brazil).
- sanguigna* Oreste [nv.].—Par., 1894a, 587.—Toce, Leonardo, 1863a.
- sanguilenta* Porta, 1902a, 1 (for *sanguinolenta*).
- sanguinis* Erc., 1875e, 37 (so. *Fil. immitis*) (in dog; Bologna).
- sanguinolenta* Rud., 1819a, 27, 249 (s. *Str. lupi*) (in stomach, *Canis lupus*; Berl.).—Anacker, 1892l, 578.—Bail., 1866b, 44-45.—Baird, 1867a, 296-297 (in dog; China).—Bel, 1907, 387; 1908, 224-225; 1908, 57 (5), 275; 1908, v. 3, 416.—Blaise, 1883a, 98-101, 122-125, 150-154, 174-176, 194-196, 220-223, 248-251, 274-277.—R. Bl., 1895b, 173-175.—Blumberg, 1884a, 154 (in dog; Kasan).—Bochefontaine, 1876a, 263-264.—Campb. & Lacr., 1907, 82.—Caparini, 1887d, 385; 1887e, 385-386.—Carougeau & Marotel, 1903, 448.—Chatin, 1885a, 38.—Chaussat, 1850, CrSb, v. 1, 46-48 (in *Canis vulpes*).—Chauvrat, 1886a, 654.—Cobbold, 1869a, 47, 49, 63; 1873c, 87, 91; 1879b, 303.—Cohn, 1899a, 11.—Craig, 1915, 503.—Crep., 1847a, 289.—Dav., 1877a, c, fig. 54, 770-776, 953, 954, 955, 956, fig. 29.—Dies., 1851a, 213-214 (in *C. fam.*, *C. l.*, *C. vulpes*).—Duj., 1845a, 88-89, 278, pl. 5 fig. A.—Edelmann, [1902], 1903, 216.—Erc., 1875e, 39.—Francesco 1872a, 296-307; 1873a, 77-78.—Fiebiger, 1912a, 238.—Fröhner, 1915a, 259.—Fuëlleborn, 1908, 669.—Galli-Val., 1898c, 8; 1901c, 358 (in *Vulpes vulg.*).—Geddelst, 1911a, 110 (in dog).—Grassi, 1888f, 99-101; 1888g, 1-3; 1888r, 614, 615.—Gurlt, 1831a, 156, 353, pl. 6 figs. 5-10.—Hut. & Mar., 1905a, 860, 872; 1906a, 60, 208, 381; 1910b, 78, 248, 480; 1913a, 935, 1113; 1913b, 84, 254-255, 478.—Janson & Tokishige, 1892a, 351-352.—Lamprey, 1867a, 297.—Le Maitre, 1906, 18.—Lewis, 1872d, 45.—Linst., 1906, 167.—Littlewood, 1890a, 78-79.—Martemucci.—Mégn., 1882c, 384-385; 1895b, 132-133.—Mol., 1860b, 935-936 (s. *Lumbricus lupi*, *Str. lupi*).—Monod, 1900b, 166.—Mordw., 1908, v. 13 (1-2), 192, 193, 196.—Neum., 1892, 368, 369, 370, 371, figs. 142, 143.—Nev.-Lem., 1912a, 821.—Paladino, 1863.—Par., 1887c, 495; 1894a, 246, 490, 536, 589.—Pease, 1898a, 81; 1901a, 1-4 (in dog; Punjab); 1901c, 134-136; 1902a, 243.—Perronc., 1882a, 330.—Porta, 1902a, 1; 1902, ASN Modena, 40; 1903a [40]; 1905c, 33.—Rail, 1888f, 427-430 (path.); 1889f, 127-128 (larva in *Periplaneta orientalis*); 1889g, 129; 1890b, 134; 1890w, 143; 1892r, 274-277; 1893a, 536 (s. *Str. lupi* Rud.).—Rail & Henry, 1911, 4 (10), 695 (type of *Spirocerca*).—Ratz, 1898a, 397.—Rayer, 1843b, 30; 1843e, 171-175, pl. 8 figs. 1-9.—Schneid., 1866a, 100, 246.—Seur., 1910, 147; 1911, 608; 1912, 279, 280; 1912, 778, 780; 1916, 352.—Sieb., 1845, 210.—Sl. & Sw., 1912, 398, 402, 403.—Sons., 1889, 194, 281.—Stödter, 1901a, 61 (ir fox, dog, and wolf), 94.—Stoss., 1896, v. 17, 123; 1897b, 92-93 (80-81) (in *Canis aureus*); 1898, 96-97.—Türismurti, 1915, v. 71, 384-387, figs. 1-2.—Toce, 1863.—Vaull., 1901, 120, 125, 133.—Verrill, 1870, 173, 232.—Ward, 1895, 343.—Wedl, 1855, v. 17, 309; 1856, v. 19, 44, pl. 2 figs. 20-21.—Wilson-Barker, 1896, v. 69, 593-595 (cf. *dumb rabies*).—Züern, 1882, 246.
- saracuræ* M. C. V. in Mol., 1860b, 942 (so. *quadridentata* Mol.).
- scalopsis-canadensis* Leidy, 1851a, 156 (in *Scalops canadensis*; Ing., [U. S. A.]); 1856b, 53 (so. *Physalopt. limbata*); 1904a, 46, 98.
- scolopacis* Mol., 1860b, 985 (in *Scolopax limosa*; M. C. V.).—Linst., 1878a, 131 (in *Limosa melanura*).—Stoss., 1897b, 119 (107).
- scutata* (Leuck., 1873) Korzil, 1877a, 220-222, figs. 1-5 (in *Sus scrofa dom.*).—Campb. & Lacr., 1907, 82.—Cortezzi, 1915, 153.—Fröhner, 1915a, 259.—[Harms, 1876a, 76, nv.].—Hut. & Mar., 1906a, 208; 1910b, 249.—Lingard, 1905, 27, fig. 2.—Linst., 1878a, 48 (in *Bos taurus*).—Neum., 1892d, 366, 367 (s. *scutata oesophagea bovis*).—Rans., 1911a, 100 (to *Gongylonema*).—Skrj., 1909, v. 21, 815-817.—Sl. & Sw., 1912a, 400.—Stiles, 1892b, 65 (to *Myzomimus*, *tod.*); 1907b, 38.—Ward, 1895a, 334 (in *B. t.*), 337 (in *Ovis aries*), 340 (in *Equus cab.*).—VOv, 1911, 200.
- scutata bovis* Züern, 1882, 249 (see *scutata*).
- scutata oesophagea bovis* Perronc., 1882a, 331.
- scutata oesophagea bovis* Müell., 1869b, 303-305 (see *scutata*).
- scutata oesophagea bovis-tauri* Müell., 1869b, 305 (see *scutata*).
- scutata oesophagea bovis* Müell., 1869a, 127-129 (cf. s. o. b.—*tauri*) (in *Bos taurus*; by Müell.); 1869b, 303-305 (*scutata oesophagea bovis*); 1870a, 348 (*Spiroptera*).—Cortezzi, 1915, 152.—Harms, 1877a, 131 (in sheep).—Rail., 1893a, 541 (so. *Gongylonema scutatum*).—Stiles, 1892b, 65 (so. *Myzomimus scutatus*) (in cattle and horses); 1892c, 65 (in c. and h.).—Züern, 1882, 248.

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- scutata œsophagea bovis-tauri* Müell., 1869a, 129 (for s. o. b.).—Korzil, 1877a, 220.
- scutata œsophagi bovis* Fiebiger, 1912a, 239.
- secretoria* Linst., 1906, v. 3, 166, pl. 1 fig. 5 (in œsoph. and stom., *Plotus melanogaster*; Wirawila).
- semilunaris* Mol., 1860b, 936 (s. trogonis-cincti M. C. V., trogonis-melanuri M. C. V.) (in *Trogon collaris*, T. melanurus; Brazil).—Drasche, 1884a, 197, pl. 11 fig. 23, pl. 13 fig. 10.—Linst., 1878a, 69; 1889a, 28.—Seur., 1914, CrSB, 393.—Stoss., 1897b, 104 (92) (in *Crotophaga major*; Brazil).
- serpentulus* Dies., 1851a, 221 (falconis Rud., renamed) (in *Falco rufipes*, F. cachi-nans, F. aquilinus, F. gracilis, F. milvodes, F. magnirostris, F. urubutinga, F. melanops, F. uncinatus, F. nitidus; Brazil); 1857a, 14 pl. 2 figs. 1-7; 1861a, 677.—Crisp, 1853a, 68.—Drasche, 1884a, 202, pl. 13 figs. 18-19.—Linst., 1878a, 108 (in *Ibycter aquilinus*); 1889a, 41.—Mol., 1860b, 961-963 (in F. aq., F. destructor, *Picus lineatus*, P. robustus).—Stoss., 1897b, 86-87 (74-75) (in F. *vespertinus*, *Geranospiza gracilis*, *Morphnus urubutinga*).
- serrata* Linst., 1907, 254, pl. 6 fig. 8 (in *Anthropopithecus tschego*, *Troglodytes niger*; Kamerun).
- sexalata* Mol., 1860b, 957-958 (s. *strongylina suis-labiati* M. C. V., *strongylina* Dies., pars) (in *Dicotyles albostris*, *Sus scrofa fera*; Brazil).—Ciurea, 1912, v. 32 (3), 285-294, figs. a-b, pl. 5 figs. 1-7 (S.s. dom.).—Cobbold, 1879b, 407.—Linst., 1878a, 47 (in D. 1.); 1889a, 20.—Rail. & Henry, 1911, v. 4 (10), 697 (type of *Physocephalus*).—Seur., 1912, 778, 780; 1912, v. 72 (5), 174-176 (in *dromadaire*, âne; Algeria).—Stoss., 1897b, 105-106 (93-94) (s. *Fil. nitidulus*) (in *Tapirus americanus*).
- sexalata cristata* Seur., 1912, CrSB, 174-176 (in *dromadaire*; Algeria).
- sigmoidea* Rail., 1916, JP, 105 (in *Corvus frugilegus*) (for *sygmoidea*).
- simia* Rud., 1819a, 27, 253 (s. *Fil. alata*) (in stom., *Simia maimon*; by Albers).—Dies., 1851a, 224.—Duj., 1845a, 84.—Linst., 1878a, 7 (in *Cynocephalus mormon*).—Mol., 1860b, 974 (s. F. a.).—Stoss., 1897b, 119 (107) (in *Inuus mai-mon*).
- singularis* Mol., 1860b, 941 (s. *vulturis-urubu*) (in *Cathartes urubu*; Brazil).—Drasche, 1884a, 199, pl. 11 figs. 12-14.—Linst., 1878a, 108, 1889a, 40.—Stoss., 1897b, 107 (95).
- smithi* R., H., & B., 1914, 209-210 (for *Fil. smithi* Cobbold, 1882).
- species* Casali 1874a [nv.]; 1874b, 76-77 (in pollo; by Casali).
- species* Fibiger, 1913, ZK, v. 13, 217-280, pls. 4-18 figs. 1-92 (in *Blatta germanica*, *Mus decumanus*, *M. musculus*, *Periplaneta americana*, *P. orientalis*); 1913, MmW, v. 60, 2015; 1913, BkW, v. 50, 289-298, figs. 1-12 (in M. m., P. a., P. o.); 1913, v. 6, 417, 449, pl. 1-6, 472 (discussion), 441-448 (see *neoplastica*); 1913, OdV, 47-87 (1-41); 1915, CPA, v. 36, 299-300.
- species* Gerst., 1866 [nv.].—Hall, 1916a, 220 (in *Epimys* sp.; Budapest).
- species* Bakody, [nv.].—Hass., 1896a, 6 (in *Gallus dom.*).
- species* Krøyer, 1852-53a, 976 (in *Raja clavata*).
- species* Land., 1882, 23 [nv.].
- species* Linst., 1901b, 412 (in *Mus minimus*; Langenburg, Nyassa-See, Africa).—Hall, 1916a, 220, 223 (in M. sp.=*minimus*).
- species* Linst., 1904f, 6 (in *Bufo melanostictus*; Colombo).
- species* Linst., 1906, v. 3, 167 (in intest., *Cittacincta macroura*; Nedunkeni).
- species* Linst., 1906, v. 3, 167 (in œsoph., *Pavo cristatus*; Buttunwa).
- species* Linst., 1906, v. 3, 167 (in peritoneum, *Sciurus palmarum*; Colombo).
- species* Looss, 1901a, 72 (in bat).
- species* Par., 1889c, 775, 779 (dietro il bulbo cavo orbitale, *Ninox scutulata*; Birmania).—Rans., 1904a, 39 (so. feai).—Stoss., 1897b, 114 (so. feai).
- species* Porta, 1911, 377 (in *Falco vespertinus*; Parma).
- species* Seur., 1910, 144-147, figs. 1-4 (in *Ateuchus sacer*; Algeria).
- species* Shipley, 1905i, 253 (in *Centetes ecaudatus*; Zool. Gard. Lond.).
- species* Tryon, 1910, QAJ, v. 24 (2), 81-84 (in cattle to *Onchocerca*).
- species* Wolffh., 1900a, 12 (in *Accipiter nisus*), 16 (in *Ōtus vulg.*).

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species.—Also reported for *Colymbus auritus*, *Felis dom.*, *Mus minimus*.

spiralis Mol., 1860b, 947–948 (in *Bradypus didactylus*; Brazil).—Cobbold, 1879b, 321.—Drasche, 1884a, 200, pl. 14 fig. 23.—Linst., 1878a, 63; 1889a, 27.—Rail., 1916, 105 (in *B. cuculliger*, *Cholæpus didactylus*).—Rail. & Henry, 1910, 251 (in *B. cuculliger*, B. D.; B.).—Stoss., 1897b, 125 (113) (to *Oxyspirura*).

stereura Rud., 1819a, 23, 237, 555 (in *Falco nævius*; Mus. Wien).—Dies., 1851a, 212; 1861a, 678.—Duj., 1845a, 52, 93.—Gurlt, 1845a, 246.—Linst., 1878a, 113 (in *Aquila nævia*).—Mol., 1860b, 967, 999.—Rans., 1904a, 29 (to *Oxyspirura*).—Rayer, 1843d, 145.—Schneid., 1866a, 78, 108.—Stoss., 1889, 183; 197b, 119–120 (107–108), 142 (130).—Westrumb, 1821, 69.

sternæ Rud., 1819a, 29 (in *Sterna hirundo*; Greifsw.).—Dies., 1851a, 228.—Mol., 1860b, 988 (so. *acanthocephalica*).

stomoxæos (Linst., 1875) Seur., 1916, 361.

striata Crep., 1851b, 288 (in *Colymbus* (*Podiceps*) *auritus*; by Crep.).—Linst., 1878a, 172.—Mol., 1860b, 987 (in *Podiceps auritus*; Greifsw.).—Stoss., 1897b, 120 (108).

strigis Rud., 1819a, 28 (in stomach, *Strix* scops; C. E. V.).—Dies., 1851a, 226.—Duj., 1845a, 96.—Lepri, 1898a, 53, 54, 63–64, figs. 13–17.—Linst., 1878a, 103 (in *Ulula aluco*).—Mol., 1860b, 977 (s. *strigis-aluconis* Duj.) (in *S. aluco*; Rennes).—Poche, 1912, AN, 12.—Stoss., 1897b., 120 (108).—Also reported for *Ephialtes* scops.

strigis M. C. V. in Mol., 1860b, 939 (so. *penihamata*).

strigis M. C. V. in Mol., 1860b, 960 (so. *brevisubulata* Mol.).—Rans., 1904a, 23 (so. *Oxyspirura brevisubulata*).

strigis (Linst., 1877) Seur., 1915, 561 to (Fil.); 1916, 325, 361 (so. *Physoc. sexalatus*).

strigis-aluconis Mol., 1860b, 977 (in *Strix aluco*; Rennes, Duj., 1845a, 96) (so. *strigis* Rud.).

strigis-atricapillæ M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix atricapilla*; Brazil).

strigis-brachyoti Mol., 1860b, 977 (in *Strix brachyotus*).—Linst., 1878a, 104 (in *Aegolius brachyotus*).—Stoss., 1897b, 120 (108) (in *Otus brachyotus*).

strigis-flammæ M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix flammea*; Brazil).

strigis-griseatæ M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix griseata*; Brazil).

strigis-lineatæ M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix*; Brazil).

strigis-magellanicæ M. C. V. in Mol., 1860b, 955 (so. *pistillaris*).

strongyliiformis Blainv., 1828a, 546 (based on *strongylina* in Brems., 1824c, pl. 2 figs 15–18, in *Sus scrofa* dom.).

strongilina Perronc., 1882a, 330 (for *strongylina*).

strongylina Rud., 1819a, 23, 237–238 (in stom., *Sus fera*; Mus. Wien).—Anacker, 1892l, 578.—AaN., 1892, v. 8 (3), 41.—Bail., 1866b, 44.—Baird, 1853a, 10.—Brems., 1824a, 126; 1824c, pl. 2 figs. 15–18.—Ciurea, 1911, CfB, v. 61 (1–2), 128–133, fig. 1, 1 pl. figs. 1–5.—Cobbold, 1873c, 123; 1879b, 406, 407.—Crep., 1839a, 280.—Dav., 1877a, c, 231.—Dies., 1851a, 211–212 (in *Dicotyles albirostris*, *S. scrofa fera*, *S. s. dom.*; Brazil).—Duj., 1845a, 92.—Fiebiger, 1912a, 237, fig. 158.—Francis, 1894a, 451.—Frœhner, 1915a, 259.—Geddelst., 1911a, 110 (in hog).—Gurlt, 1831a, 156, 352–353, pl. 6 figs. 11–16; 1832a, pl. 6 figs. 11–16; 1847a, 76, pl. 1 figs. 8–9.—Hut. & Mar., 1906a, 381; 1910b, 479; 1913b, 477 (in *Wildschwein*, Peckari).—Kaupp, 1910, v. 4 (11), 29–31, figs. 1–4.—Lam., 1840a, 661.—Linst., 1904f, 5.—Mol., 1860b, 924, 957 (so. *sexalata*).—Neum., 1892, 367.—Nev.-Lein., 1912a, 825.—Nordm., 1840a, 661.—Rail., 1893a, 536.—Rail. & Henry, 1911, v. 4 (10), 696 (type of *Arduenna*).—Ratz, 1898a, 388–390, 392; 1899d, 324–327.—Schneid., 1866a, 101.—Sl. & Sw., 1912a, 399, 403.—Stiles & Hass., 1894e, 347 (in *S. s.*).—Stœdter, 1901a, 61 (in *S. s.*), 94.—Stoss., 1897b, 91–92 (79–80) (in *Dicotyles labiatus*).—Verrill, 1870, 179, 231, fig.—Wolffh., 1911, 51–52.—Youatt, 1847, 95.—Zuërn, 1882, 247.

strongylina suis-labiata M. C. V. in Mol., 1860b, 957 (so. *sexalata*).

SPIROPTERA—Continued.

- strumosa* (Frœl., 1791) Rud., 1819a, 24–25, 241 (in *Talpa europæa*; Greifsw.).—Anacker 1893i, 345.—Baird, 1853a, 2.—Bellingh., 1844a, 102.—Ben., 1858a, 1861a, 281.—Carnoy, 1886b, 5–19, 22, 24, 49, 53, 60, 68, 79, figs. 101–130 (in *taupe*); 1887b, 395.—Cobbold, 1879b, 296.—Crep., 1839a, 280.—Dies., 1851a, 213; 1861a, 677; 1861c, 279.—Duj., 1845a, 86–88.—Galli-Val., 1901c, 358.—Hall, 1916a, 199 (so. *Spirura talpæ*).—Leuck., 1867b, 113.—Mol., 1858d, 152; 1860b, 933–934 (s. *Asc. teres*, *A. talpæ*, *A. strumosa*, *Fus. convoluta*, *Spirura talpæ*); 1861c, 300 (in *T. e.*; *Padua*).—Nitzsch, 1829a, 113, 1 pl. 9 figs.; 1829b, 312–313.—Par., 1894a, 246.—Schneid., 1866a, 103.—Seur., 1911, CrSB, 606–608; 1916, 314, 352, 361 (so. *Spirura talpæ*).—Stoss., 1897b, 43 (31) (to *Fil.*).—Walter, 1866, 72–73.
- sturni* Rud., 1819a, 28 (in *Sturnus cinclus*; C. E. V.).—Dies., 1851a, 227 (in *Cinclus aquaticus*).—Duj., 1845a, 98 (in *S. c.*; Rennes).—Linst., 1878a, 88; 1909, 65 (in *C. cinclus*).—Mol., 1860b, 979–980.—Poche, 1912, AN, 12.—Stoss., 1897b, 120–121 (108–109).
- stylosa* Linst., 1908, 26 (in *Frosch*; *Africa*).
- subæqualis* Mol., 1860b, 921–922 (13–14) (s. *felis-concoloris*, *felis-yaguarondi*) (in *Felis concolor*, *F. mellivora*; *Brazil*).—Cobbold, 1879b, 309.—Linst., 1878a, 31.—Stoss., 1897b, 93 (81).
- subula* (Duj., 1845) Dies., 1851a, 219 (in *Sylvia rubecula*; Rennes).—Mol., 1860c, 486 (to *Disph.*).
- suis-labiati* M. C. V. in Mol., 1861a, 511 (87) (so. *Str. attenuatus*).
- sygmoidea* Mol., 1860b, 920, 995 (12) (s. *anthuris*, *pars*) (in *Corvus frugilegus*; *Wien*).—Dies., 1861a, 676.—Drasche, 1884a, 194, 213, pl. 13 fig. 3.—Rail. & Henry, 1910, 216 (in *C. f.*).—Rans., 1904a, 29 (to *Oxyspirura*).—Stoss., 1897b, 125 (113) (to *Oxyspirura*).
- sygmoides* Linst., 1878a, 100 (for *sygmoidea*) (in *Corvus frugilegus*); 1889a, 38.—Rans., 1904a, 29 (to *Oxyspirura*).
- tadornæ* Rail., 1893a, 423 (so. *Hystrichis tricolor*) (in *Tadorna bellonii*).—[Bellingh., 1844a, 102.]—Jægers., 1909, v. 2 (3), 28 (? so. *H. t.*).
- talpa* Crep., 1846a, 136 (in *Tringa pugnax*; by *Laurer*).
- tantali* M. C. V. in Mol., 1860c, 497 (so. *Disph. calcaratus*).
- tantali-rubri* M. C. V. in Mol., 1860b, 969 (so. *umbellifera*).
- tapiri-americani* M. C. V. in Mol., 1860b, 968 (60) (so. *mediospiralis*).—Hall, 1916a, 214 (s. *Physoc. mediospiralis* Mol.).
- tenuicauda* Mol., 1860b, 983–984, 991, 992 (75–76) (s. *ciconiæ-maguari*, *cracis*) (in *Ciconia maguari*, *Crax tomentosa*; *Brazil*).—Drasche, 1884a, 207, pl. 12 fig. 17.—Linst., 1878a, 124, 146; 1889a, 53.—Rans., 1904a, 4, 24, 38, 39, 45, 46.—Stoss., 1897b, 88–89 (76–77), 149 (137).
- tenuicollis* (Rud., 1819) Duj., 1845a, 95 (in *Falco haliaëtus*; *Wien*).—Dies., 1851a, 237 (to *Physalopt.*).—Stoss., 1889, v. 11, 53 (18) (to *P.*).
- tenuis* (Duj., 1845) Dies., 1851a, 219–220 (in *Saxicola rubetra*; Rennes).—Mol., 1860c, 485 (to *Disph.*).
- tenuis* Schlotthauber, 1860a, 126 (in *Cuculus canorus*; by *Schlotth.*).
- tenuissima* (Rud., —?) Linst., 1909a, 64 (in *Lota vulg.*, *Perca fluv.*, *Salmo salvelinus*).
- tercostata* Mol., 1860b, 947 (39) (s. *psittaci-aestivi*, *psittaci*) (in *Psittacus æstivus*, *P. maximiliani*; *Brazil*).—Drasche, 1884a, 200, pl. 13 fig. 21.—Linst., 1878a, 66; 1889a, 28.—Stoss., 1897b, 89–90 (77–78).
- terdentata* Mol., 1860b, 944 (36) (s. *tinami*) (in *Tinamus variegatus*; *Brazil*).—Drasche, 1884a, 199, pl. 11 fig. 25, pl. 13 fig. 24.—Linst., 1878a, 125; 1889a, 47.—Stoss., 1897b, 102 (90).
- thamnophili* Mol., 1860b, 980 (72) (in *Thamnophilus tigrinus*; *Brazil*).—Linst., 1878a, 82.—Stoss., 1897b, 121 (109).
- tigridis* (Rud., 1809) Rud., 1819a, 28 (in *Tigris*; by *Halde*).—Dies., 1851a, 224 (in *Felis tigris*; *China*).—Duj., 1845a, 89.—Linst., 1878a, 33.—Mol., 1860b, 974 (in *F. t.*; *C.*).—Stoss., 1897b, 121 (109).
- tinami* M. C. V. in Mol., 1860b, 938 (so. *bullosa*) (in *Tinamus*; *Brazil*).
- tinami* M. C. V. in Mol., 1860b, 937 (so. *crassicauda*) (in *Tinamus*; *Brazil*).
- tinami* M. C. V. in Mol., 1860b, 944 (so. *terdentata*) (in *Tinamus*; *Brazil*).

SPIROPTERA.—Continued.

- tinami-macucabu* M. C. V. in Mol., 1860b, 937 (so. crassicauda).
- tinami-macucabu* M. C. V. in Mol., 1860b, 938 (so. bullosa).
- tinami-macucabu* M. C. V. in Mol., 1860b, 927 (so. posthelica).
- tinami-noctivagi* M. C. V. in Mol., 1860b, 938 (so. bullosa) (in *Tinamus noctivagus*; Brazil).
- totani* M. C. V. in Mol., 1860b, 969 (so. umbellifera) (in *Totanus*, Brazil).
- trixenophora* Mehl. in Crep., 1846a, 135 (s. *Disph. brevicaudatus*) (in *Ardea stellaris*).
- triangulum* Linst., 1904f, 6, pl. 1 fig. 8 (in *Calotes ophiomachus*; Colombo).
- tricolor* (Duj., 1845) Dies., 1851a, 222-223 (in *Anas tadorna*. *A. boschas* dom., *A. b. fera*; Rennes).—Bail., 1866b, 45 (of Gerv. & Ben.).—Jägers., 1909, v. 2 (3), 28 (to *Hystrichis*).—Rail., 1893a, 423 (to H.).
- tridentata* (Linst., 1877) Neum., 1900a, 515 (in *Colymbus arcticus*, *Larus ridibundus*).—Linst., 1909a, 64, fig. 37 (in C. a., L. r.).
- trogonis-cincti* M. C. V. in Mol., 1860b, 936 (so. *semilunaris*).
- trogonis-melanuri* M. C. V. in Mol., 1860b, 936 (so. *semilunaris*).
- truncata* Crep., 1825a, 12-14 (in *Upupa epopis*; by Crep.); 1846a, 132.—Dies., 1851a, 219 (s. *upupa*, *Acuaria upupa-epopis*) (in *Coracias garrula*, U. e.); 1861a, 677.—Linst., 1878a, 73.—Mol., 1860b, 942.—Müell., 1897, 1-3, pl. 1 fig. 1.—Stoss., 1897b, 121-122 (109-110).
- tuberculata* Linst., 1902a, 219-220, fig. 4 (in *Dacelo gigantea*=*Paralcyon gigas*; S. E. Africa).
- tulostoma* Hempr. & Ehrenb. in Schneid., 1866a, 102 (to Fil.).
- turdi* Mol., 1860b, 979 (71), (s. *turdi-musici*) (in *Turdus musicus*; M. C. V.).—Cori, (1898c), 22-30, figs. 1-2 (larva in *Regenwurm*); 1898d, 1-8, figs. 1-2.—Cognetti de Martiis, 1909, 699.—Drasche, 1884a, 206, pl. 12 figs. 21-22.—Linst., 1878a, 90; 1884a, 133, pl. 9 figs. 15-16; 1887d, 109, pl. 2 figs. 12-13; 1889a, 35.—Magal., 1905a, 317 (in *Lumbricus terrestris*).—Seur., 1910, 147; 1913, BSHnA, 12 (to ?Viguiera); 1916, 349, 353 (s. *Asc. fissilabium*, *Fil. turdi* Linst.) (in L. t.).—Stoss., 1897b, 96-97 (84-85) (s. F. t. Linst.) (in *Crocidura leucodon*, *Sturnus vulg.*, *T. merula*, *T. pilaris*, *T. iliacus*).
- turdi* (Linst., 1877) Porta, 1911, ZA, 377 (in *Turdus pilaris*; Camerino).
- turdi-musici* M. C. V. in Mol., 1860b, 979 (so. *turdi* Mol.).
- turgida* (Rud., 1819) Duj., 1845a, 92 (in *Didelphis cayopollin*; Brazil).—Stoss., 1889, 43 (to *Physalopt.*).
- uganda* Leiper, 1911, PZSL, 554-555, fig. 144 (in monkey; Uganda).
- umbellifera* Mol., 1860b, 968-969 (60-61) (s. *tantali-rubri*, *totani*) (in *Ibis rubra*, *Totanus melanoleucus*; Brazil).—Drasche, 1884a, 204, pl. 12 figs. 8-9.—Linst., 1878a, 130; 1889a, 49.—Stoss., 1897b, 107 (95).
- uncinata* Rud., 1819a, 26, 246 (in *Anser* dom.; Berl.).—A., D., & E., 1901b, 20 (to Fil.).—Bail., 1866b, 45.—Dav., 1877a, 781.—Dies., 1851a, 216-217 (in *A. anser* dom.; B.).—Duj., 1845a, 102-103.—Eberth, 1863a, 64, 65, 67, 68, 70, pl. 8 figs. 2, 5, pl. 9 figs. 3, 6, 12.—Fiebiger, 1912a, 241.—Hut. & Mar., 1910b, 480.—Linst., 1896c, 17 (in ducks, geese) (toxicine).—Lundahl, 1848a, 285, 286.—Mol., 1860b, 933.—Neum., 1892, 376, 377.—Nev.-Lem., 1912a, 829.—Rail., 1893a, 543 (to *Disph.*).—Schneid., 1866a, 94.—Stœdter, 1901a, 61, 94 (in d., g.).—Verrill, 1870, 180.
- uncinipennis* Mol., 1860b, 928-929 (20-21) (s. *rheæ-americanæ*) (in *Rhea americana*; Brazil).—Leidy, 1891a, 412 (to *Cheilospirura*).—Linst., 1878a, 126; 1889a, 47; 1899b, 16, pl. 3 figs. 35, 36, 38.—Seur., 1916, CrSB, 297.—Stiles & Hess., 1894e, 348 (in R. a.).—Stoss., 1897b, 100-101 (88-89) (to Ch.).
- unialata* Mol., 1860b, 960-961 (52-53) (in *Rhamphastos erythrorhynchus*, *R. vitellinus*; Brazil).—Drasche, 1884a, 202, pl. 11 fig. 8, pl. 13 fig. 2.—Linst., 1878a, 69; 1889a, 28.—Stoss., 1897b, 103 (so. *unilateralis* Mol.).
- unilateralis* Mol., 1860b, 945-946 (37-38) (s. *graculæ-schreibersi*) (in *Cephalopterus ornatus*; Brazil).—Linst., 1878a, 79; 1889a, 32.—Stoss., 1897b, 103 (91) (s. *unialata*) (in C. V., *Rhamphastos vitellinus*, *R. erythrorhynchus*; B.).
- unilateralis* Drasche, 1884a, 214-215, pl. 11 figs. 7, 17, pl. 13 fig. 8 (in *Brycon falcatus*, *Dicotyles labiatus*, *Trogon collaris*; lng.).

SPIROPTERA—Continued.

- upupæ* Rud., 1819a, 28 (in *Upupa epops*; C. E. V.).—Mol., 1860b, 942 (so. *truncata* Crep.).—Poche, 1912, AN, 12.—Stoss., 1897b, 121 (109) (so. t.).
- ursi* Duj., 1845a, 88 (in *Ursus arctos*; Mus. Wien) (for *ursi-arcti*, 1819; see also *ursi*, 1790).—Dies., 1851a, 224 (in U. a.; M. C. V.).—Neum., 1894d, 473 (to *Gongylonema*).—Stoss., 1897b, 133 (121) (so. *G. contortum*).
- ursi-arcti* Rud., 1819a, 28, 253–254 (in *Ursus arctos*; Mus. Wien).
- vanelli* Rud., 1819a, 29 (in *Tringa vanellus*; C. E. V.).—Dies., 1851a, 227 (in *Vanel-lus cristatus*).—Duj., 1845a, 98.—Linst., 1878a, 134; 1884a, 132, pl. 9 fig. 14; 1889a, 50.—Mol., 1860b, 984.—Poche, 1912, AN, 12.—Stoss., 1897b, 108 (96).
- verrucosa* Mol., 1860b, 964–965 (56–57) (s. *cervi-nambi*, *cervi-dichotomi*) (in *Cervus nambi*, *C. dichotomus*; Brazil).—Drasche, 1884a, 203, pl. 11 figs. 18–20, pl. 13 fig. 1.—Linst., 1878a, 53; 1889a, 22.—Rail., 1898b, 173.—Rans., 1911a, 14, 103, 104, 123, figs. 126–129 (in *Blastocerus paludosus*, *Mazama nana*; B.).—Seur., 1912, CrSB, 176 (in C. d., C. wambi; B.); 1915, 14.—Stoss., 1897b, 53 (41) (to Fil.).—Also reported for *Cariacus paludosus*.
- verrucosa* (Giles, 1902) Giles, 1892d, 3, 7, unpagged addendum (in *Ovisaries*; India).—Cortlezzi, 1915, 153.—Neum., 1894d, 470 (8) (to *Gongylonema*).—Rail., 1898b, 173.—Rans., 1911a, 102 (to *Gongylonema*).—Ward, 1895a, 337.
- vesperuginis* (Linst., 1885) Linst., 1901b, 412 (to Fil.).
- vulturis* Mol., 1860b, 976 (68) (s. *vulturis-papæ*) (in *Cathartes papa*; Brazil).—Drasche, 1884a, 205, pl. 11 fig. 26.—Linst., 1878a, 107; 1889a, 40.—Stoss., 1897b, 51 (39) (to Fil.).
- vulturis-papæ* M. C. V. in Mol., 1860b, 976 (so. *vulturis*).
- vulturis-urubu* M. C. V. in Mol., 1860b, 941 (so. *singularis*) (in *Cathartes urubu*; Brazil).
- vulvaria* Mol., 1860b, 978–979 (s. *momoti-ruficapelli*, *orioli*) (in *Icterus lacernu-latus*, *Momotus leuallanti*; Brazil).—Drasche, 1884a, 206.—Linst., 1878a, 73; 1889a, 30 (in M. l.).
- vulvoinflata* Mol., 1860b, 969–970 (61–62) (in *Trochilus ochropygus*; Brazil).—Dies., 1861a, 678.—Linst., 1878a, 78; 1889a, 31.—Stoss., 1897b, 122 (110).

SPIROPTERIDÆ Leiper, 1911, PZSL, 554 (contains Spiroptera).

- SPIROPTERINA** Ben., 1858a (1861a), 270 (mt. *coronata*).—Carus, 1863, v. 2, 463.—Linst., 1890d, 181; 1902a, 220 (s. *Proleptus*); 1903, 268.—Oerley, 1885a, 104.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 138.—Stoss., 1898c, 97.
- africana* Linst., 1899b, 18, pl. 4 fig. 45, pl. 5 fig. 52 (in *Anguilla* sp.; Capland).
- coronata* Ben., 1858a (1861a), 270–271 (in *Raia radians*, *Scyllium canicula*; by Ben.).—Linst., 1878a, 281 (in S. C.); 1890d, 181 (in R. r., S. c.).—Oerley, 1885a, 105, 109 (in R. r., S. c.).—Shipley, 1905k, 98, 102 (in dogfish; Mus. Dundee).
- dacnodes* (Crep., 1851) Dies., 1861a, 680–681 (in *Mustelus vulg.*, *Raja clavata*; Europe).—Linst., 1878a, 279 (in M. v.); 1890d, 181 (*Spiroptina*) (in M. v., R. c.).—Oerley, 1885a, 105, 109 (in M. v., R. c.).—Stoss., 1898c, 97 (in *Dasybatis clavata*; Trieste); 1902d (e), 68 (8) (in *Læviraja oxyrrhynchus*).
- elegans* Oerley, 1885a, 102, 105, 109–110, pl. 9 figs. 7–9 (in *Hexanchus griseus*; by Oerley); 1885b, 218.
- inflata* Linst., 1890d, 180–181, figs. 5–8 (in *Scyllium immoratum*); 1901c, 194 (in S. i.).
- rajæ* (Dies., 1851) Par., 1894a, 244 (in *Raja clavata*; Trieste).
- rajæ-clavata* Linst., 1890d, 181 (in stomach wall of *Raja clavata*, in intest., R. batis; quotes Duj., 1845a, 105, and Wedl, 1855, 388, pl. 3 fig. 28); 1903u (1904a), 268 (4) (in *R. radiata*; Murman Coast).
- rajarum* Dies., 1861a, 681 (s. *rajæ*, *rajæ-clavata*) (in stom., *Raja clavata*; by Wedl.).—Linst., 1878a, 285 (= *Spiroptera rajæ*) (in R. batis); 1903u (1904a), 268 (4) (in *R. radiata*; Murman Coast).—Oerley, 1885a, 105.
- robusta* (Ben., 1871) Linst., 1903u (1904a), 268 (4) (in *Raja radiata*; Murman Coast).
- scillicola* (Ben., 1871) Linst., 1901c, 191–194, pl. 9 figs. 27–30 (in *Scyllium canicula*).—Shipley & Hornell, 1906a, 88 (in *Ætobatis narinari*; Ceylon).
- species* Linst., 1903u (1904a), 268 (4) (in *Raja radiata*; Murman Coast).

Spiropteroze canine (name of infection).—Roger, 1906q, 378-379; 1907d, 241-251; 1907e, 279-283; 1907f, 121-123; 1907g, 669-671.

SPIROPTERU Rud., 1819a, 237 (misprint for Spiroptera).—Stiles & Hass., 1905b, 138.

SPIROPTERUS Westwood, 1851, 645 (for Spiroptera).

SPIROPTINA Linst., 1890d, 181 (misprint for Spiropterina).

SPIROXIS Schneid., 1866a, 29 (changed to Spiroxys Schneid., 1866a, 125).—Stiles & Hass., 1905b, 138.

SPIROXYS Schneid., 1866a, 125-126 (mt. contorta).—Linst., 1909a, 48, 58.—Rail. & Henry, 1916, CrSB, 114, 115; 1916, CrSB, 250.—Stiles & Hass., 1905b, 138.

contorta (Rud., 1819) Schneid., 1866a, 125-126, 202, pl. 17 fig. 2 (in *Emys europæa*).—Linst., 1909a, 58, figs. 22a, b (in *E. lutaria*).—Rail. & Henry, 1916, 114 (contortus).—Sons., 1889g, 283-285, 1 fig. (in *Cistudo europæa*; by Sons.).—Stoss., 1897b, 129 (117) (in *E. e.*; Italy).

SPIRURA E. Bl., 1849a, 161-165 (tsd. talpæ).—Hall, 1916a, 190, 199, 200 (type talpæ).—Rail., 1893a, 533 (=Spiropt.).—Rail. & Henry, 1912, 562.—Seur., 1914, CrAS, 1016, 1018; 1915, 7-8 (type talpæ).—Stiles & Hass., 1905b, 138 (type probably talpæ).

gastrophila (Müell., 1894) Seur., 1913, CrSB, 286-289, figs. 1-3 (in *Erinaceus algirus* in Algeria; *Vulpes vulpes atlantica* in Bou Saâda; larva in *Ontophagus*, *Periplaneta orientalis*, Blaps, *Chamæleo vulg.*, *Agama bibronii*); 1913, BSHnA, 126-127 (1-2) (in chat, renard, hérisson, *Periplaneta orientalis*, Blaps, *Chamæleo*, agame, *Macrosclides rozeti*); 1914, CrSB, 346; 1914, 630, figs. 1-2 (in renard d'algérie; chat, Europe; hérisson, Algérie; *Macrosclides*, S. Tunis); 1915, 8, 10, figs. 6-7 (in chat, *E. a.*, renard d'Algérie); 1915, CrSB, 561, 565 (in *Stylopyga orientalis*); 1915, CrSB, 158; 1916, Bs, 301, 302, 309, 310-314, 350, 361, figs. 7-8, 10 (in *A. b.*, Blaps sp., *B. strauchi*, *Chamæleo vulg.*, chat, *Erinaceus algirus*, *Ontophagus*, renard d'Algérie); 1917, CrSB, 46 (20); 1917, BSHnA, 21-22 (in *V. v. a.*).—Marotel, 1912, 827-828.—Rail., 1915, RMv, 493; 1915, 753 (in cat); 1916, RMv, 520.—Rail. & Henry, 1912, RMv, 828.

megastoma (Rud., 1819) E. Bl., 1849a, 164-165 (in horse).—Bail., 1866b, 42 (to Spiropt.).—Rail., 1893a, 533 (to Spiropt.).—Schneid., 1866a (to Fil.).—Ward, 1895a, 340 (in *Equus cab.*).

muscæ (Carter, 1861) Marotel, 1913, RvT, 685 (in *Equus cab.*, *Musca dom.*) (quotes Seur. and Rans. but not Carter).

rothschildi Seur., 1915, NZ, 8-10, figs. 8-9 (in *Elephantulus deserti*; Biskra).

rytipteurites (Deslgch., 1824) Rail., 1916, RMv, 520.

sanguinolenta (Rud., 1819) Seur., 1912, CrSB, 82-84 (in *Ateuchus sacer*; Algeria).

talpæ (Gmel., 1790) E. BL., 1849a, 162-164, pl. 7 fig. 2 (s. *Asc. strumosa*, *Fus. convoluta*, Spiropt. *strumosa*) (in taupes).—Chatin, 1885a, 38.—Hall, 1916a, 199-203, figs., 257-263 (in *Epimys* sp.; Brazil, Europe).—Mol., 1859, 933 (=Spiropt. st.); 1860b, 934 (so. Spiropt. st.).—Seur., 1911, CrSB, v. 71 (35), 606-608 (s. Spiropt. st., Fil. *rytipteurites*) (in *Erinaceus algirus*; Algiers); 1912, RMv, 827-828; 1912, 280, figs. 1-2; 1912, 780, figs. 3-4; 1913, BSHnA, 126-127 (1-2) (in chat, renard, hérisson, *Periplaneta orientalis*, Blaps, *chameleon*, agame); 1914, CrSB, 346; 1915, 8, 10 (genotype); 1916, RMv, 520; 1916, Bs, 314, 352, 361 (s. Spiropt. st.) (in *Cétoine dorée*, Taupe).

uncinipenis (Mol., 1860) Rail. & Henry, 1911, 578-579, fig. 4.

zschokkei Rail. & Henry, 1911, 579-580 (Spiropt. *alata* Zschokke not Rud., renamed) (in *Rhea americana*; Bâle Zoo.).

SPIRURA Dies., 1861a, 681-682 (*Spirooura* Leidy, 1856, renamed, hence takes same species *gracilis* as type).—Rail. & Henry, 1911, 578.—Seur., 1916, Bs, 312, 339.—Stiles & Hass., 1905b, 138.

affinis (Leidy, 1856) Dies., 1861a, 682 (cecum, *Cistudo carolina*).—Linst., 1878a, 177 (in *C. c.*).

gracilis (Leidy, 1856) Dies., 1861a, 681-682 (in stom., *Emys serrata*, *Siredon mexicanus*).—Linst., 1878a, 177 (in *E. s.*).

stellionis Chatin, 1876a, 802-803 (in tongue, *Stellio vulg.*; apparently Paris) (not clear whether this is *Spirura* E. Bl. or *Spirura* Dies.).—Rail. & Henry, 1916, CrSB, 250.

- SPIRURATA** Rail. & Henry, 1915, BS*Pe*, 274 (subo. cf. *Spiruroidea*).—Hall, 1916a, 190 (so. *Spiruridæ* Oerley, 1885); 1916b, 519.—Rail, 1915, 749; 1915, RM*v*, 477.—Skrj., 1916, 463, 500, 529.
- SPIRURIDÆ** Oerley, 1885a, 102.—Hall, 1916a, 190, 191, 199, 218, 220, 221, 222, 223.—Henry & Sis., 1913, v. 43, 1004-1018, figs. 1-5; 1914, RM*v*, 436-437.—Leiper, 1908, (3), 191.—Nev.-Lem., 1912a, 651.—Rail., 1915, 735, 749; 1915, RM*v*, 512.—Rail. & Henry, 1911, 578.—Seur., 1914, Cr*AS*, 1016-1019; 1914, Dec., 11, 524; 1916, 298, 308, 340; 1916, 143.—Skrj., 1916, 500.—Ward, 1916, 692.
- SPIRURIDEA** Dies, 1861a, 675 (f. contains *Spiropt.*, *Eucamptus*, *Proleptus*, *Histioc.*, *Disph.*, *Spiropterina*, *Spirura*, *Histrichis*, *Echinocephalus*, *Cheilospirura*, *Phvsoc.*).—Carus, 1863, v. 2, 462 (f. contains *Spiropt.*, *Spiropterina*).—Oerley, 1885a, 104.—Stiles, 1907b, 37.
- SPIRURINÆ** Rail., 1915, RM*v*, 493 (contains *Spirura*, *Habronema*, *Spirocerca*, *Gongylonema*).—Hall, 1916a, 190, 199, 203, 212 (contains *Spirura*, *Physalopt.*, *Protospirura*); 1916b, 520.
- SPIRUROIDEA** Rail. & Henry, 1915, BS*Pe*, 274 (cf. *Spirurata*; superf. contains *Spinitectus*, etc.).—Hall, 1916a, 190 (so. *Spiruridea*); 1916b, 518, 519.—Rail., 1915, RM*v*, 477.
- SPLACRULARIA** Leuck., 1884a, 320 (misprint for *Sphæricularia*).
- SPORONCHULUS** Cobb, 1917n, 454 (subg. of *Mononchus* (tod. *dentatus*)).
- decurrens* Cobb, 1917n, 454, 464, 486, fig. 69 to M. (S.) (Plant Introduction Gardens, Miami, Fla.).
- dentatus* Cobb, 1917n, 438, 454, 464, figs. 35 to M. (S.) (roots of orange trees; Bahia, Brazil).
- recessus* Cobb, 1917n, 454, 464, 486 to M. (S.) (soil of a tomato field; Naranja, Fla.).
- Spulwürmer* (German vernacular name for *Ascaris*).—Fröhner, 1915a, 235 (in *Katze*), 238 (in *Pferd*), 240 (in *Geflügel*, *Hund*, *Rind*, *Schwein*).—Hamann, 1913, Mt*W*, v. 57 (25), 484.—Hut. & Mar., 1910b, 493, 500.—Schulte, 1915, Cf*P*, v. 30 (12), 505-508 (metabolism).—Schulte & Krunnacher, 1916, Dm*W*, 203.
- SRUNGYLUS** Bosc, 1802a, 21 (misprint for *Str.*).
- equinus* (Müll., 1780 or 1784) Bosc, 1802a, 21, pl. 11 figs. 8-9 (s. *Asc. variegata*) (in horse and all other dom. quadrupeds).
- STELMIUS** Duj., 1845a, 281-282 (m. *præcinctus*).—Mol., 1857a, 151; 1858d, 153; 1861c, 309.—Stiles & Hass., 1905b, 139.
- præcinctus* Duj., 1845a, 282 (in *Muræna* conger; Rennes).—Carus, 1884, 173.—Dies., 1851a, 246; 1860, 651; 1861, 275.—Drasche, 1883, 123.—Mol., 1858, 153-154; 1861a, 305, 309, 310-311, pl. 13 figs. 1-4 (in *Conger* conger; Padua).—Stoss., 1898c, 77 (to *Dacnitis*).
- STENODES** Duj., 1845a, 244, 264-265 (mt. *acus*) [not *Stenodes* Guen., 1845, lepidopt.].—Carus, 1863, v. 2, 462.—Mol., 1857a, 151.—Schneid., 1866a, 110.—Stiles & Hass., 1905b, 139.
- acus* Duj., 1845a, 264-265 (intest. an exotic mammal; Mus. Paris).
- STENOLAIMUS** Mar., 1870a, 16 (tod. *lepturus*) [not *Stenolemus* Sign., 1858, hemipt.].—Villot, 1875a, 456, 462.—Stiles & Hass., 1905b, 139.
- lepturus* Mar., 1870a, 16-17, pl. c fig. 1 (Pharo).
- macrostoma* Mar., 1870a, 17-18, pl. c fig. 2 (Pharo, Endoume, Joliette).
- marioni* Southern, 1914a, 23-24, pl. 4 figs. 12 a-e (Clew Bay).
- serialis* Baylis, 1916, AMNH, 289-293, figs. 1-2 (under stones; Falkland Isl.).
- STENURUS** Duj., 1845a, 244, 265-267 (mt. *inflexus*) [not *Stenura* Dejean, 1834, coleopt.; *Stenuris* Kirby, 1837, coleopt.].—Dies., 1851a, 322 (so. *Prosthecosacter*); 1861a, 718 (subg. of *P.*).—Rail. & Henry, 1912, 566.—Schneid., 1866a, 110, 172.—Stiles & Hass., 1905b, 139.
- inflexus* (Rud., 1809) Duj., 1845a, 266-267 (s. *Str. minor*) (in *Delphinus phocæna*; Mus. Paris).—Baird, 1853a, 31 (s. *Str. m.*) (in *Phocæna communis*).—Dav., 1877a, 314 (in *Marsouin*).—Dies., 1851a, 324 (renamed *Prosthecosacter minor*).—Schneid., 1866a, 174 (so. *Pseudalius minor*).—Stoss., 1898c, 85 (s. *Ps. m.*).
- STEONGYLUS** Giles, 1892d, 48 (misprint for *Str.*).—Stiles & Hass., 1905b, 139.
- STEPHANOSTOMA** Lenz, 1794, v. 10, 256 [n.v.] [not *Stephanostoma* Danielssen, 1880, worm; not *Stephanostomum* Looss, 1899, worm].—Jærdens, 1802a, 30 (tat. *Asc. stephanost.*) (as nematode, is larva of a *Muscidæ*).

STEPHANURIDA Mol., 1861a (1861b), 436, 578 (12, 154) (i. of Acrofalli, contains Diaphanoc., Stephanurus).

STEPHANURUS Dies., 1839a, 232-233 (mt. dentatus); 1851, 296-297.—Bail., 1366b, 57.—Boynton, 1914, v. 93, 269-289, pls. 1-3 (of swine).—Carus, 1863, v. 2, 464.—Cobbold, 1871, v. 4, 508-509.—Crep., 1841a, 82.—Duj., 1845, 289.—Fayrer, 1879b, 221.—Gedöelst, 1911a, 129.—Goldb., 1855a, 112.—Leuck., 1879a, 60; 1886d, 46.—Looss, 1904, v. 20 (6), 561; 1905, 19.—Mol., 1861a (b), 436, 477, 586-587 (12, 53, 162-163); Nev.-Lem., 1912a, 650.—Nordm., 1840a, 650-651.—Olss., 1869b, 488.—Rail. & Henry, 1909b, 171 (type d.); 1912, 565.—Sl. & Sw., 1912, 386.—Stiles & Hass., 1905b, 139.—Stoss., 1899d, 56, 101.

dentatus Dies., 1839a, 232-233, pl. 15 figs. 9-19, pl. 20 figs. 1-11 (in *Sus scrofa* dom.; Brazil); 1851a, 296 (in S. s. d.; B.); 1861c, 281-282 (in S. s.; Boston).—Ann. de méd. vét., Brux., 1874, v. 23 (10), 594-595; 1875, 397.—Bail., 1366b, 57.—Barber, 1916, 33 (in pigs; Guam).—Bernard & Bauche, 1913, CrAS, v. 157, 74-76; 1914, Adl'IP, v. 28, 450-469, pl. 14 figs. 1-6.—Bossuat, 1902, v. 6 (2), 197.—Boynton, 1913, PAR, v. 6, 395-398; 1914, PJS, v. 9 (3), 269-289, pls. 1-3.—Campb. & Laer., 1907, 77.—Cary, 1915, 17-18; 1915, 43-44.—Cobbold, 1871h, 357; 1871s, 902-903; 1873c, 119, 120; 1879b, 407, 409, 410, 412.—Crep., 1841a, 82.—Dinwiddie, 1892, 344; 1892, 4.—Duj., 1845a, 289.—Fiebiger, 1912a, 287.—Fletcher, 1871a, 435-437; 1871b, 103-104; 1871c, 680-681.—Gedöelst, 1911a, 129, fig. 174 (in hog).—Helmans, 1911, v. 57, 212-239, figs. 1-8.—Hut. & Mar., 1906a, 491, 540; 1910b, 609; 1913a, 1049; 1913b, 611.—Jeferson, 1893a, 12.—Leuck., 1879a, 180; 1886d, 141.—Looss, 1894, v. 20 (6), 561; 1905, 19.—Mol., 1861, 163.—Natterer, 1876a, 14.—Nev.-Lem., 1912a, 754.—Newcomb, 1913, PAR, v. 6, 399-400.—Nord., 1840a, 650-651 (in *Sus scrofa*).—Parkes, 1891a, 267, 269.—[Porter, 1823a, 151 (in hog; Frenchtown, N. J.).]—Rail., 1893a, 452 (nattereri, Sclerost. pingucicola); 1915, 747, 748 (in pig); 1915, RMv, 510, 511.—Rail. & Henry, 1909b, 171; 1911, BSpE, 695 (in porc; Annam).—Repert. Thierh., 1875, 397.—Saunders, 1914, 132, 137.—Seiler, 1902, 32.—Sl. & Sw., 1912a, 386, 403.—Stiles & Hass., 1894e, 345 (in *Sus scrofa* dom.).—Stoss., 1899d, 101-102 (47-48) (in S. s.; America, Australia).—Vaull., 1901a, 123.—Ward, 1895a, 308 (so. Sclerost. pingucicola).—White, 1859b, 428.—Wolffh., 1910, 17; 1911, 76-77.—Züern, 1882a, 278 (s. ScI. p.).

nattereri Cobbold, 1879b, 412 (*dentatus* renamed).—Rail., 1893a, 452 (so. d.).—Ward, 1895a, 308 (s. ScI. p.).

STERCORALIS Tanaka, 1910, MmW, v. 57, 2587 (apparently not as new genus; but lapsus for *Strongyloides stercoralis*).

intestinalis (Bavay, 1877) Tanaka, 1910, v. 57, 2587 (for *Strongyloides stercoralis*?) (in Homo; in Formosa).

STOMACHIDA Pereboom, 1780a, 1-24 (mt. vermis=Asc. lumbricoides).—Raus., 1911a, 24 (so. Asc.).—Richard, 1829a, 664.—Stiles & Hass., 1905b, 139.

"*pereboomii* 1780" of Goeze, 1782a, 39 (=Asc. lumbricoides).—Werner, 1782b, 87 (*pereboomii*).

vermis Pereboom, 1780a, 20, 1-51, figs. 1-6 (in Homo) [see Asc. lumbricoides].

STREPTOCARA R., H., & S., 1912, CrSB, v. 73, 622-624 (*Spiropt. pectinifera*).—Skrj., 1916, 514.

cirrohamata (Linst., 1888) Skrj., 1916, 517 (in *Phalacrocorax verrucosus*).

crassicauda (Crep., 1829) Skrj., 1916, 514-518, figs. 23-30 (in *Anas boschas*, Mergus merganser; Russian Turkestan).

crassicauda charadrii Skrj., 1915, 698; 1916, 518-519, 553, figs. 31-32 (in *Vanellus cristatus*).

decorus (Duj., 1845) Skrj., 1916, 516 (in *Alcedo ispida*).

pectinifera (Neum., 1900) Skrj., 1916, 516 (in *Gallus gallus* dom.).

recta (Linst., 1879) Skrj., 1916, 517 (in *Podiceps cristatus*).

species Baylis, 1919, AMNH, 514 (? so. *pectinifera*) (in *Uria grylle*; Yukanski).

stellæ-polaris (Par., 1901) Skrj., 1916, 517 (in *Fulmarus glacialis*).

tridentata (Linst., 1877) Skrj., 1916, 517 (in *Colymbus arcticus*, *Larus ridibundus*; Europe).

trioenucha Skrj., 1916, 517 (in *Botaurus minor*) (for *trænucha* Wright, 1879).

STREPTOGASTER Cobb, 1898a (b), 320 (25) (mt. papillatus).—Stiles & Hass., 1905b, 139.

papillatus Cobb, 1898a (b), 320 (25), fig. 46, i-iv.

- STREPTOPHARAGUS** Blanc, 1912, CrSB, v. 72, 456-457 (mt. armatus) (near Spiroptera).
- armatus* Blanc, 1912, v. 72, 456-457 (in *Macacus cynomolgus*).
- numidicus* Seur., 1917, BSHnA, 23 (in *Vulpes zerda*; S. Tunis).
- STREPTOSTOMA** Leidy, 1849a, 230 (mt. agile; subg. of *Aorurus*) [not Streptot. Guer., 1862, coleopt.]; 1850e, 100-101; 1852, 284; 1856b, 50 (*Streptostomum*); 1904a, 20-21, 36-37, 66, 94.—Galeb, 1878b, 289, 290 (*Oxyuris diesingi* type).—Magal., 1900, 65.—Rail. & Henry, 1916, 115 (type agile).—Stiles & Hass., 1905b, 139.
- agile* Leidy, 1849a, 230-231 (intest., *Julus marginatus*; by Leidy); 1851d, 284; 1853b, 45-46, pl. 6 fig. 5, pl. 7 figs. 2, 12 (in J. m.); 1856b, 50, 94; 1904a, 20, 21, 66, 94.—Conte & Bonnet, 1904, 67.—Dies., 1851a, 558 (*Streptostomum* and *Streptostoma* (*Aorurus*)).—Magal., 1900a, 65.—Rail. & Henry, 1916, CrSB, 115.
- gracile* Leidy, 1850e, 100-101 (*Oxyuris diesingii* renamed) (intest., *Blatta orientalis*; by Leidy); 1851d, 284 (s. O. d., *O. blattæ-orientalis*); 1853b, 46, pl. 7 figs. 6-7 (in B. o.); 1856b, 50 (s. *Anguillula macrura* pars); 1904a, 36-37, 66, 94.—Galeb, 1878b, 289.
- STREPTOSTOMUM** Leidy, 1853b, 45-46 (for Streptost.); 1856b, 50; 1904a, 94.—Stiles & Hass., 1905b, 139.—See Streptostoma.
- STRONGGLUS** Leblond, 1835b, 82 (misp. for Str.).
- STRONGILIDAS** Almeida Couto, 1872, thesis, Bahia, 7 (f., quotes Leuck.).
- STRONGILIDE** (see Strongylidæ).—Santicchi, 1907a, 621-641, 9 figs.
- STRONGILLUS** Onelli, 1905, Rev. Jard. zool., 145 (equinus) (for Strongylus).
- STRONGILOIDES** Grassi, 1879e, 233 (type *Anguillula intestinalis*=*stercoralis*) (see Strongyloides).—Rans., 1911a, 104 (for Strongyloides).—Stiles & Hass., 1905b, 139.
- Strongilosi** polmonare.—Santicchi, 1907a, 621.
- STRONGILUS** Rud., 1801a, 54 (misp. for Strongylus).—Stiles & Hass., 1905b, 139.
- papillosus* (Perronc. — —) Golgi & Monti, 1885a, 56.
- STRONGOLUS** Remlinger & Hodara-Bey, 1903, 217 (misp. for Strongylus).
- gigas* (Rud., 1802d) Remlinger & Hodara-Bey, 1903a, 217.
- STRONGULUS** Watrin, 1838a, 94 (for Strongylus).—George, 1888a, 250-251.—Nordm., 1840a, 547.—Spoonner, 1869a, 404.
- STRONGYLACANTHA** Ben., 1873b, 13-16 (mt. glycyrrhiza); 1873c, 312-313.—Linst., 1906, v. 43, 92.—Rail. & Henry, 1909b, 171; 1912, 565.—Stiles & Hass., 1905b, 139.
- glycyrrhiza* Ben., 1873b, 13-16, pl. 1 figs. 1-7 (in *Rhinolophus ferrum-equinum*; Belgium); 1873c, 312-316 (in R. f.-e.).—Cobbold, 1879b, 294 (*glycyrrhiza*).—Linst., 1878a, 11 (*glycyrrhiza*).—Rail. & Henry, 1909b, 171 (4).—Stoss., 1899d, 127 (73) (*glycyrrhiza*) (to Unc.).
- STRONGYLATA** Rail. & Henry, 1913 [nv.].—Skrij., 1916, 463.—Lane, 1917, IJMR, 422, 757.
- STRONGYLATUS** Rail., 1900d, 87 (probably lapsus for Str.).—Stiles & Hass., 1905b, 139.
- radiatus* (Rud. of Schneid., 1866) Rail., 1900d, 87 (of calves).
- Strongyle** (vernacular name for Strongylus).—Buxton, 1914, VJ, 89-94 (in goat).—Stiles, 1903k, 12.—Woodward, 1905a, 329.
- STRONGYLEÆ** Rail. & Henry, 1912, v. 14, 564 (tribe of Strongylinae, contains Str., Ankylost., Unc., Characost.).—Hall, 1916a, 107-108, 109, 111, 119; 1916b, 518.—Lane, 1917, IJMR, 426, 427, 432, 433.—R., H., & J., 1913, 264.
- STRONGYLIDA** Mol., 1861a (b), 435, 437 (11, 13) (f., contains Crenosoma, Oesophagost., Cyathost., Eucyathost., Monodontus, Diploodon, Doch., Str., Histiost., Globoc., Kalic., Sclerost., Syngamus, Deletroc.).
- STRONGYLIDÆ** Baird, 1853a, 12 (f. contains Str.).—A., K., & G., 1904, 28.—R. Bl., 1895, 745.—Bos, 1894, 212.—Blgr., 1914, v. 7 (3), 242.—Braun, 1883a, 160, 169; 1895b, 213, 236; 1906a, 274, 322, 324.—Campb. & Lacr., 1907, 71.—Carus, 1863, v. 2, 456.—Cast. & Chalm., 1910a, 429; 1913a, 548.—Claus, 1885a, 292 (f. of Nematodes).—Cobbold, 1873c, 64; 1879b, 5.—Conradi, 1914, v. 39, 365.—Daniels, 1910a, 128; 1914a, 74, 140.—F., S., & T., 1916a, 375, 432.—Fiebiger, 1912a, 256.—Hall, 1916a, 106, 107 (of Cobbold, 1864); 1916, b, 518.—Ihle,

STRONGYLIDÆ—Continued.

- 1917, TvD, v. 44, 164-173.—Khitrow, 1900a, 6.—Kholodk., 1899a, 174, 178.—Krabbe, 1866f, 361.—Lane, 1917, IJMR, 420, 422 (of Cobbold, 1864), 423, 424.—Leiper, 1908, RWRL (3), 190 (contains: Anchylostominae, Strongylinæ and unnamed new subf. for Kalic.).—Leuck., 1886d, 47, 90, 99, 102.—Linst., 1912, v. 1, 25-35.—Looss, 1901, 28, 56; 1905, 29; 1905, 48.—Mazzarelli, 1903a, 297-302, fig. 1.—Mordw., 1908, 152, 172, 174.—Nassonov, 1898k, 229-231.—Nev.-Lem., 1904a, 97; 1906a, 269; 1908a, 416; 1912a, 643; 1914, v. 39 (7), 293.—Olt, 1910, v. 36, 354-417, pls. 9-11 figs. 1-5; 1911, v. 55 (41), 683-685.—Rail., 1898b, 173; 1899e, 174; 1905 (3), 270; 1909a, 85-88; 1909b, 168-171; 1915, 734, 747, 748; 1915, 492.—Rail. & Henry, 1905, 644; 1909a, 85-88; 1909, (2), 187; 1909, v. 4 (3), 461-462; 1909, JRMS (4), 463; 1909, v. 66, 168-171; 1909, v. 66, (n. s.) v. 34 (4), 226-227; 1911, 574; 1912, v. 14, 562, 564 (contains Strongylinæ, Trichostrongylinæ, Metastrongylinæ, Pseudaliinæ).—Rans., 1911a, 14, 18, 19, 20, 21, 22, 23, 24, 26, 47 (f., contains: Strongylinæ, Metastrongylinæ).—Rawitz, 1897a, 1271.—Roger, 1901a, 94.—Rollest., 1888a, 680, 686.—Schneidem., 1896a, 305, 314 (f., contains: Str., Eustr., Syngamus, Sklerost., Ankylost., Doch., etc.).—Shipley, 1896a (1901b), 131, 142.—Skrij., 1916, 463; 1916, 38.—Sl. & Sw., 1912, 311, 321, 374.—Smith, 1903, 17; 1904, 70.—Sticker, 1901c, 333-336, figs. 1-9, 346-347; 1902a, 21; 1903b, 356-357.—Stiles, 1902, 185-193, 194; 1903, 3, 12, 13, 14, 24; 1907b, 38.—Stiles & Hass., 1899a, 100, 164 (contains: Str., Sclerost., Unc.).—Stitt, 1910a, 241; 1916a, 324.—Stoss., 1898c, 84; 1899d, 55-152 (1-98) (monograph).—Trav., 1914, 3, 4.—Uchida, 1909, v. 21, 255-265, 321-335, pls. 1-2.—Verdun, 1907a, 321 (f., contains: Eustr., Str., Ankylost., Physalopt.).—Ward, 1916, 696.
- STRONGYLIDÆ** Dies., 1851a, 81, 296 (f., of Acrophalli, contains: Stephanurus, Diaphanoc., Delectroc., Doch., Sclerost., Str., Ancylost., Prosthecosacter, Eustr.); 1861a, 621-622, 714-724 (contains Deletocephaloidea, Sclerostomidea, Eustrongylidea).—Carus, 1863, v. 2, 463 (f., contains: Deletocephaloidea, Sclerostomidea, Eustrongylidea).—Goldb., 1855a, 112.—Hall, 1916a, 106 (of Carus, 1863, so. Strongyloidea).—Schneid., 1866a, 126.
- Strongyliden** (German vernacular name for Strongylidæ and for plural of Strongylus).
- STRONGYLIDES** (pl. vernacular of Strongylus, also as supergeneric name).—Leuck., 1868a, 351-352 (fam.).—Anacker, 1890i, 458.—Assénova, 1899, 104.—R. Bl., 1888a, 727 (f., contains: Eustr., Str., Ankylost., Sclerost., Syngamus, Physalopt., Cucullanus).—Edelm., 1916, 230 (of lungs), 256 (of intest.).—Züern, 1882a, 253.
- Strongylidose** (name of infection).—Leneveu, 1916, JCPT, v. 29, 343-348 (equine).
- STRONGYLINÆ** Stoss., 1898c, 85 (contains: Crenosoma, Pseudalius, Str.) [not Erichson, 1843, coleopt.]; 1899d, 55, 63—A., K., & G., 1904, 28.—Blgr., 1914, v. 7 (3), 242 (subf.).—Cast. & Chalm., 1910a, 430.—Hall, 1916a, 107, 112, 114, 115, 119, 122 (of Rail., 1893); 1916b, 518.—Lane, 1917, IJMR, 422, 423, 426.—Leiper, 1908 (3), 190 (contains: Cylichnost., Eucyathost., Gyaloc., Oesophagost., Str., Triodontophorus).—Looss, 1905, 29.—Nev.-Lem., 1908a, 417; 1912a, 646.—Rail., 1893a, 418, 424; 1899d, 129, 130; 1915, 734.—Rail. & Henry, 1909a, 85, 86; 1910, v. 3 (5), 311 (s. Ankylostominae, Sclerostominae); 1911, 574; 1912, v. 14, 562, 563, 564 (contains: Oesophagostomeæ, Strongyleæ, Bunostomeæ, Cylicostomeæ, Deletocephaleæ, Syngameæ, also Stephanurus, Amidostomum, Strongylacantha).—Rans., 1911a, 14, 26, 27, 35, 38, 40, 124 (subf., of Strongylidæ, contains: Agriost., Chabertia, Eustr., Eucyathost., Gaigeria, Monodontus, Oesophagost., Str.).—Smith, A. J., 1903, 17; 1904, 70.—Stiles, 1902, 185, 186, 193; 1903, 3, 14, 15.—Trav., 1914, 3, 4.
- STRONGYLOIDÆ** Wagner, 1883, 123-127 [nv.].
- STRONGYLOIDEA** Weinl., 1858a, 88 (f., contains: Ancylost., Str.); 1859, 282.—Græffe, 1860a, 51 (of Hoev.).—Hall, 1916a, 6, 106-107, 112, 123, 162, 223 (type fam. Strongylidæ Cobbold, 1864); 1916b, 518.—Lane, 1917, IJMR, 422 (new superf., contains Strongylidæ, Ancylostomidæ).—Trav., 1914, 3, 4.
- Strongyloiden** (German for Strongyloides).—Gonder, 1907, v. 25 (2); 1908, v. 41 (19-21), 665-666 (in Affen and sheep).
- STRONGYLOIDES** Simon, 1897a, 209, 226 (family name for Strongylidæ).
- STRONGYLOIDES** Grassi, 1879f, 497 (mt. intestinalis=stercoralis).—Askanazy, 1900a, 570, 571.—Assénova, 1899, 120.—Bierler, 1881, v. 17, 47.—R. Bl., 1895, 747-748.—Braun, 1895b, 215 (cf. Rhabdonema); 1906a, 20, 21, 277; 1915a, 298.—Brown, 1903, v. 17, 107.—Brumpt, 1910a, 333; 1913a, 491.—Cast. & Chalm., 1910a, 404 (s. Rh.); 1913a, 519.—Daniels, 1910a, 169, 170.—

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(ALGERIA) Oulieu, 1898, RmpAn, v. 1, 591.

(AUSTRIA) Csokor, 1895a, 233-234.

(CAPE COLONY) Hutcheon, 1903a, 153-157 (in pigs).

(DENMARK) Bang, 1913, MfD, v. 25 (1), 4-24.—Christiansen, 1916, MfD, v. 28 (6), 147-159, fig. 1.

(DEUTSCHLAND) Knuth, 1912, ZFJ, v. 44, 364-376, 619-637.—Olt, 1911, AFJZ, v. 87, 297-301; 1911, MtW, v. 55 (41), 683-685; 1911, BtW, v. 27 (49), 898-899 (beim Rehe); 1912, VGdNA, v. 83 (2), 558-559.—Reeker, 1910, 22-23 (beim Rehe).—Schœttler, 1911, v. 19 (38), 577-580; 1911, v. 19 (39), 593-595.

(FRANCE) Julien, 1897a, 722-725; 1897b, 725-726; 1898a, 82-93; 1898, v. 26 (1), 131-134, figs. 1-4 (de la caillotte).—Rail., 1892p, 198-199; 1892q, 244-245 (*gastro-intestinale des leporides*).

(GR. BRIT.) Campb. & Lacr., 1907, 71.—Country Gentleman's Newspaper, 1911, v. 118, 556.—Law, 1913, VJ, v. 69, 301-308 (encephalic embolie).—Leiper, 1911, v. 1, 207, 218-234, figs. 16-30 (grouse).—Rogers, 1913, VJ, v. 69, 265-282 (encephalic embolie).—Shipley, 1911, v. 1, 207-218, pl. 33 figs. 1-5; 1911, v. 30, 34-36, figs. 1-7.—Vet., 1898, v. 71, 38.—Vet. J., 1916, v. 72, 341-342 (goats).

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(NETHERLANDS) Vrijburg, 1914, TvV, v. 41 (11), 628.—Wester, 1914, TvV, v. 41 (11), 621-628, figs. 1-2; 1915, TvV, v. 42 (11), 422-423.

(RUSSIA) Kantselmakher, 1901, Vv, v. 3, 972-975.

(U. S. A.) Ackley, 1914, KCVCQ, (43), 1039-1040.—Campb., 1912, AJVM, v. 7 (12), 535-544 (encephalic embolie).—Glennon, 1896a, 462-464 (nodes in lungs).—Ludwigs, 1917, KCVCQ, (56), 1355-1356.—Miller, 1908, PASTT, v. 8 (9), 373-375; 1909, ESR, v. 20 (9), 884.—Paige, 1907a, 320-344 (goat; New Eng.).—Surg.-Gen. Cat., 1911, v. 16, 857-858.

(MISCELLANEOUS) Cartianu, 1905, v. 2, 303.—Chrysopathes, 1914, v. 14, 20.—Even, 1911, v. 68, v. 36 (3), 167-169.—Fœlger, 1908, 108-110 (eosinophilia).—Knowles, 1911, v. 6 (6), 633-637.—M'Kenzie, 1907, v. 2 (1), 20-24.

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(CAPE COLONY) Hutcheon, 1903a, 153-157.

(DEUTSCHLAND) Joest, 1908, ZIpKHH, v. 4, 201-215, pls. 1-2 (pathological anat.); 1909, VR, v. 21, 783 (in lungs); 1909, 112-113.

(GR. BRIT.) Norris, 1904, JDATII, v. 5, 48-57, figs. 1-11.—Read, 1848a, 604-605; 1849c, 56-57.

(SWITZ.) Blunschy, 1906, SAT, v. 48, 291-323, pls. 1-2; 1906, TR, 338; 1907, VJ, v. 63, 187-188; 1907, WTV, 972-974; 1907, BtW, 42-43.—Schnyder, 1906a, 1-81, pls. 1-7; 1906b, 160-208, 242-270, pls. 1-7.

(S. AMERICA) Moras, 1907, v. 53-54, 181-187.

(U. S. A.) KCVCQ, 1916, (52), 1265-1266.—Stiles, 1901q, 1-8 (treatment).

— in horses:

(FRANCE) Leneveu, 1915, RgMv, v. 24, 593-612.—Mégny, 1878m, 1174-1179 (verminous bronchitis).—Petit & Germain, 1907, RMv, v. 84, 421-427, figs. 1-2; 1908, BMSa, v. 82, 535-542; 1908, JTVS, v. 3 (3), 415; 1908, Tmu, v. 1 (10), 221-222; 1908, DtW, v. 16 (23), 341 (adénomes vermineux).

(GR. BRIT.) Mather, 1857a, 190-191 (in arteries of young colts).

(ITALY) Finzi, 1914, Cv, v. 37 (12), 491-506.

(SWITZ.) Folmer, 1913, Diss. Bern; 1915, SAT, v. 57 (6), 281-282.

(U. S. A.) Brill, 1916, AJVM, v. 11 (12), 978.—Kinsley, 1910, DtW, v. 18 (5), 70-71.

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(ALGERIA) Boquet, 1909, HVL, v. 3, 198-204 (gastro-duodenale).—Lachm., 1893a, 337-344; 1893b, 417-418.—Rail., 1888c, 99-101 (pneumonia).

(AUSTRIA) Koch, 1883a, 1-32, pl. 1; 1883b, 17-28, 33-38, 65-68, 97-99, 113-122, pls. 1-6 figs.

(CAPE COLONY) Dixon, 1910, AJCGH, v. 37, 284-289.—Hutcheon, 1903a, 153-157.

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(GR. BRIT.) Barron, 1896a, 33-38.—Caze, 1909, VR, v. 21, 745-746; 1909, v. 13, 633-639; 1909, v. 21 (8), 789.

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(S. AMERICA) Lignières, 1902h, 669-681; 1905c, 36.

(U. S. A.) Paige, 1907a, 320-344 (New Eng.).

(MISCELLANEOUS) Hornby, 1913, 545-554.

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(CAPE COLONY) Smith, 1914, AJUSA, v. 7, 488-493 (ostriches).

(DEUTSCHLAND) Neiman, 1887a, 101-102; 1887b, 186-187; 1887c, 79; 1888a, 108 (tracheal injection).

(FRANCE) Brumpt & Caucurte, 1912, BSNa, v. 59 (12), 361-367.—Lefebvre, 1773a, 76-85; 1773b, 155-162.

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(U. S. A.) Stiles, 1901q, 1-8.

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- armatus major, intestinalis* Rud., 1809a, 205-209 (so. *armatus*).
- armatus minor* of Rud.—*Cat. RCSL*, 1830, 39 (in horse, ass).—Cobbold, 1873c, 112, fig. 26.—Dav., 1877a, 336.—Dies., 1851a, 303-305 (so. *Sclerost. armatum*).—Duj., 1845a, 257 (so. *Sci. equinum*).—Rayer, 1843b, 1-40, pls. 1-2 (in horse) [not minor of *Delphinus phocæna*]; 1845, 698.
- armatus minor, aneurysmaticus* Rud., 1809a, 204-209 (so. *armatus*).
- armatus proles* Rud., 1808a, 325; 1809a, 207.—Dies., 1851a, 305 (so. *Sclerost. tetracanthum*).
- arnfieldi* Cagney & Gobert, 1904a, 698.—See *arnfieldi*.
- arnfieldi* Cobbold, 1884b, 4, 7 (in trachea and bronchi of *Equus asinus*; *Gr. Brit. by Arnfield*); 1886d, 284-293, pl. 86 figs. 1-9; 1887a, 211-212; 1887, 241.—Campb. & Lacr., 1907, 71-72 (treatment).—Dewitz, 1892b, 166.—Fiebiger, 1912a, 264.—Hut. & Mar., 1906a, 54; 1910b, 69; 1913b, 74 (to *Dictyocaulus*) (in *Pferd*, *Esel*).—Kinsley, 1914, 202-203.—Muller, 1890, 63.—Nev.-Lem., 1912a, 704.—Rail., 1891, s. 9, v. 3, 105-108; 1893a, 434, figs. 291-293.—Rail. & Henry, 1907, 752 (to D.).—Sl. & Sw., 1912a, 375, 519.—Stiles & Hass., 1894e, 343 (in *E. asinus*).—Stoss., 1899d, 71-72, 17-18 (in *E. a. E. c.*).—Vauil., 1901, 127.—Ward, 1895a, 340 (in *E. c.*).
- arnsfieldi* Müell., 1889a, 290 (in horse) (misprint for *arnfieldi*).—Linst., 1896, 17.
- asininus* Viborg, 1795, [Inv.].—Rud., 1809a, 207.—Dies., 1851a, 303-305 (so. *Sclerost. armatum*).—Rail., 1893a, 456.—Ward, 1895a, 340 (in *Equus cab.*).
- attenuatus* Leidy, 1856b, 54 (in *Cynoc. porcarius*; by Schaffhirt, Ing.); 1904a, 100.—Cobbold, 1879b, 291.—Dies., 1861a, 723 (in *Simia* (*Cynoc.*) *porcaria*; Penn.).—Mol., 1861a, 525 (101) (renamed *cynocephali*).—Smidt, 1906, 650.—Stoss., 1899d, 85 (31) (so. c.).
- attenuatus* Mol., 1860e, 351-352 [not Leidy, 1856] (s. *Spiropt. suis-labiati* M. C. V.) (in *Dicotyles albirostris*; Caicara); 1861a, 511 (87).—Dies., 1861a, 720 (in D. a.; Brazil).—Julien, 1898a, 87.—Rail., 1898b, 173 (renamed *molini*).—Stoss., 1899d, 72 (18) (in D. a. D. labiatus; B.).
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- Lacerta vivipara*; 1882a, 6, pl. 1 figs. 7-13; 1903u, 269; 1905bb, 193; 1909, 60, fig. 28 (in *Bufo vulg.*, *B. vulg. variabilis*, *Bombinator igneus*, H. a., *Pel. fus.*, R. e., R. t., T. c., *T. tæniatus*, *Tropidonotus natrix*).—Martini, 1906a, 707.—Maupas & Seur., 1913, CrSB, 34, 35, 36, 37, figs. 1-2.—Meyer, 1896b, 72.—Mol., 1858d, 158; 1859h, 30; 1861a, 505-509 (81-85) (in A. f., *Bomb. ig.*, *Bufo vir.*, *Ceratophris varia*, *Cist. car.*, *Cystignathus pachypus*, *Dendrohyas arboreus*, D. vir., *Docidophyne agua*, *Lacerta agilis*, L. vir., *Lisso. punct.*, *Otolophus cinctus*, *Pel. fus.*, *Phryne cinerea*, *Ph. vulg.*, *Pod. mur.*, *Pelop. esc.*, R. t., *Sal. at.*, S. m., *Tr. c.*), 530 (106) (pars so. *Str. dispar*); 1861c, 321 (in A. f., *Bufo vir.*, *Bombinator igneus*, *Dend. vir.*, *Lac. ag.*, *Lac. vir.*, *Lisso. punct.*, *Pel. fus.*, *Phryne vulg.*, *Pelop. esc.*, *Pod. mur.*, *Rana alpina*, R. t., *Sal. at.*, S. m., *Tr. c.*).—Müeh., 1898b, 46.—Noerner, 1881a, 4.—Oken, 1815a, 195-196.—Olfers, 1816a, 61.—Olss., 1876a, 147; 1883a, 53.—Pag., 1857, 40.—Par., 1894, 234.—Perez, 1866a, 232, 236, 277, 278.—Probstmayr, 1865, 178.—Rail., 1888i, 210.—Rizzo, 1902, 33 (in *Trop. natrix*; *Catania*).—Rud., 1802a, 25, 41 (s. *Asc. bufonis*, *A. intestinalis*, *Cucullanus ranæ*); 1803, 19; 1809a, 223-225, 247 (in A. f., *Lac. ag.*, R. *bufo*, R. t.); 1810a, 375; 1819a, 33-34, 649 (also in *Bufo fus.*, B. *ig.*, B. vir., B. vulg., *Hyla arb.*, *Lac. cærulescens*, L. vir., R. *esc.*, *Sal. lacustris*, *Sal. at.*).—Schneid., 1366a, 129, 131 (*batrachiens*, *Lacerten*, *Anguis fragilis* in Europe, *Rana musica* in Brazil), 147, 192, 221, 244, 259, 260, 272, 280, 290, pl. 9 fig. 11.—Seur., 1913, 82, figs. 1-2; 1914, 634-638, 639, figs. 1-2, 640.—Sieb., 1835, 79.—Stoss., 1891, 109; 1899d, 80-81 (26-27) (*Bufo cin.*, B. *marinus*, *Cystignathus ocellatus*, *Ceratophris varia*, *Lacerta cærulescens*, L. *erythronotus*, *Rana musica*, *Triton punctatus*, T. *tæn.*).—Trav., 1917, 73 (of *Leidy* so. *Oswaldocruzia leidyi*).—Wag., 1857, 363.—Walter, 1866, v. 7, 21; 1866, 71.—Also reported for *Hyla viridis*.
- auriculatus* Kûech., 1857a, 386 (for *auricularis*?).
- axei* Cobbold, 1879b, 383 (in donkey; Eng.); 1884b, 6-7 (in stom. of *Equus asinus*; by *Axe*); 1886b, 259-264, pl. 32; 1886c, 447-448.—Fiebiger, 1912, 274.—Hut. & Mar., 1910b, 474; 1913b, 472.—Neum., 1892, 346.—Nev.-Lem., 1912a, 716.—Petit & Germain, 1908, v. 82, 535-542; 1908, v. 1, 221-222; 1908, v. 16, 341; 1908, 421.—Rail., 1893a, 445.—Sl. & Sw., 1912a, 376.—Stiles & Hass., 1894c, 343 (in E. a.).—Stœdter, 1901a, 61, 94 (in Esel).—Stoss., 1899d, 77 (23) (in E. a., E. cab.).—Ward, 1895, 340 (in E. c.).
- [*balsami* Par. & Grassi, 1877.—Perronc., 1882a, 360 (*Strongilo balsami*) (see *Doch. b.*.)]
- biatus* Mol., 1861a, 514-515 (90-91) (s. *auricularis* Zed., of Mol., 1858, 14, 158, & 1859, 30) (in *Pelophylax escul.*; Padua).—Also reported for *Rana escul.*
- bidentatus* Mol., 1861a, 559 (135) (in *Capra aries laticauda*).—Barthel, 1911, ZV, v. 23, 447-466.—Pilwat, 1910, v. 36, 505, 508, 559.
- bifurcatus* Linst., 1901b, 411 (for *bifurcus*?) (in *Papio langheldi*; Langenburg am Nyassa-See).—Marotel, 1911, 183.
- bifurcus* Crep., 1849a, 54 (in *Cercopithecus ruber*); 1850, MgT, v. 16 (4), 480-485, pl. 2 fig. 2 (in C. r.; by Gurlt); 1851, v. 12, 131.—Dies., 1861a, 722 (in *Simia rubra*; Berl.).—Mol., 1861a, 516 (92) (in S. r.; B.).—Smidt, 1906, 650.—Sons., 1890, 4.—Stoss., 1899d, 88-89 (34-35) (in C. *niger*, C. *patas*, G. r., *Innuus ecaudatus*, *Macacus menestrinus*, M. *sinicus*, M. *rhesus*).
- bispinosus* Mol., 1860e, 351 (23) (s. *Spiropt. cervi-nambi*) (in *Cervus nambi*; Brazil); 1861a, 514 (90) (in C. n., M. C. V.).—Dies., 1861a, 721 (in C. n.; B.).—Rans., 1911a, 54.—Stoss., 1899d, 128 (74) (in C. n.; B.).—Also reported for *Cariacus nambi*.
- blasii* Linst., 1887d, 110-111, pl. 2 fig. 14 (in stom., *Lepus cuniculus ferox*; Braun-schweig, by Blasius).—Hall, 1916a, 139 (so. *Graphidium strigosum*).—Meyer, 1896b, 72.—Rail., 1888i, 210-214 (so. *strigosus*); 1893a, 445.—Rail. & Henry, 1909a, 86 (so. G. s.).—Also reported for *Lepus cuniculus*.
- boæ-giboia* M. C. V. in Mol., 1861a, 543 (119) (so. *Kalic. subulatus*).
- brachylaimus* Linst., 1901b, 410-411, figs. 1-2 to (*Deletroc.*) (in *Heterohyrax mossambica*; Rukwa-See, Africa).—Hall, 1916a, 121-122, figs. 149-150 (in *Procavia brucei*; Germ. E. Africa).
- brauni* Linst., 1897c, 611-612, pl. 28 figs. 8-11 (in *Viverra zibetha*; Zool. Gard. Kenigsb.).—Stoss., 1899d, 68 (14) (in V. z.).

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- bronchialis* (Rud., 1819), Cobbold, 1864b, 356 (so. paradoxus); 1866, 5; 1879b, 207–208 (includes Hamularia lymphatica, to (Fil.)): 1879b, 207–208 to (Fil.).—Aitken, 1866, 805, 863 (quotes Treutler); 1872, 146, 176; 1874, 57.—R. Bl., 1890a, 15 (so. Fil. lymphatica).—Braun, 1903a, 276 (so. Fil. equina); 1908a, 309; 1915a, 325.—Cast. & Chalm., 1910a, 424; 1913a, 539.—Dungl., 1893a, 821, 1046.—Fiebiger, 1912a, 235.—Fischer, 1840a, 154 (of Brems.) (in *Sus scrofa* dom.; Vilna).—Müell., 1890c, 68 (s. Fil. hominis, H. l.).—[Rud., 1809a, 220.]—Stiles, 1907b, 42.—Stoss., 1899d, 90 (36) (so. paradoxus).—Thorn, 1898, 164.—Verrill, 1870, 171.—Ward, 1903a, 212 (so. Fil. l.).
- bronchialis canis* Rail., 1889g, 131 (for *canis bronchialis*); 1893a, 530 (so. Fil. osleri).—A., D., & E., 1901b, 19 (so. F. o.).—Hut. & Mar., 1913b, 75.—Sl. & Sw., 1912a, 397.
- buteonis-rufi* Dies., 1851a, 320 (in *Falco rufus*; Ireland, Bellingh., 1844a, 105, in *Buteo rufus*).—Mol., 1861a, 527 (103) (in F. r.).—Stoss., 1899d, 129 (75) (in F. r.; Ireland).
- cameli* Rud., 1819a, 36 (in *Camelus dromedarius*, C. bactrianus; C. E. V.).
[canino Perronc., 1882a, 367, see caninus.]
- caninus* (Erc., 1859) Erc., 1859a, 530 (in intest., *Canis* fam.).—Rivolta, 1878, 17.
- canis bronchialis* Osler, 1877a, 387–397 (in *Canis* fam.; Montreal).—Cobbold, 1879b, 304 (renamed Fil. osleri).—DZTVP, 1889, v. 15, 274.—Hut. & Mar., 1906a, 54, 60; 1910b, 70, 75, 78.—Ward, 1895a, 343.
- canis pulmonalis* Linst., 1896c, 17 (for *canis bronchialis*).
- canis-vulpis* M. C. V. in Mol., 1861a, 442 (18) (so. *Crenosoma semiarmatum*).
- capillaris* (Müell., 1889) Schlegel, 1899a, 137–171, pls. 1–4 figs. 1–25 (in lungs, *Capra hircus*; Germany).—Edelmann, 1915, 108.—Fiebiger, 1912a, 261, fig. 175 (in goats, sheep, ? Gemse).—Fröhner, 1915a, 744 (in goat).—Galli-Val., 1901c, 361 (in goat).—Hut. & Mar., 1906a, 54; 1910b, 69; 1913b, 75, 86 (in Gemse, Reh, Schaf, Ziege) to (*Synthetocaulus*).—Katsurada, 1900d, 513, 521 (in sheep and goats).—Malkmus, 1906, 603.—Rail. & Henry, 1907, 753 (to *Synth.*).—Seur., 1913, 83.
- capillaris* n. sp. Pricolo, 1913, CfB, v. 71 (2–3), 201–202 (in chateau, dromadaire; Tripoli).—Rail., 1914, RMv, v. 91 (7), 247–248 (so. *Trichostr. colubrif.*).
- capitellatus* Rud., 1819a, 35 (in *Caprimulgus europæus*; by Treutler), 265.—Dies., 1851a, 320 (s. ? *Eucamptus obtusus*) (in C. e.).—Duj., 1845a, 128–129 (in C. e.).—Lundahl, 1848a, 286.—Mol., 1861a, 527–528 (103–104) (in C. e.).—Stoss., 1899d, v. 19, 129 (75) (in C. e.).
- capreoli* Rud., 1809a, 244 (in *Cervus capreolus*; Zed., 1803a, 70); 1819a, 36 (in C. c.).—Dies., 1851a, 320 (in C. c.).—Duj., 1845a, 126.—Mol., 1861a, 527 (103) (in C. c.).—Par., 1894, 234.—Stoss., 1899d, 129 (75) (in C. c.).—Also reported for *Capreolus caprea*.
- catanensis* Rizzo, 1902, 33–34, figs. 5, 6 (in *Coluber viridiflavus*, *Tropidonotus natrix*; Catania).—Linst., 1909, 62 (in T. n.).
- cavalli* Hall, 1916a, 144, 146–147 (for *cavallii*), figs. 193–195 (in *Funisciurus carruthersi*, *Otomys irroratus*, O. i. tropicalis; Africa).
- cavallii* Par., 1907a, 2 (in *Otomys irroratus*, O. irroratus tropicalis; Fort-Portal, Kasiba, Africa).
- centertus* Michalik, 1891a, 58 (misprint for *contortus*).
- [cernuo Perronc., 1882a, 365, see cernuus.]
- cernuus* Crep., 1829b, 9–10 (in *Ovis aries*; by Laurer).—Armatage, 1895, 463.—Bail., 1866b, 54.—Carita, 1887a, 58, 59, 60.—Dies., 1851a, 301 (so. *Doch. hypost.*).—Duj., 1845a, 255–257 (so. *Sclerost. hypost.*).—Fiebiger, 1912, 289.—Gurlt, 1831a, 357–358, pl. 6 figs. 17–22.—Linst., 1906, 92.—Looss, 1902, 428.—Mehl., 1831a, 77.—Mol., 1861a, 468 (44) (so. *Monodontus wedlii*).—Rail., 1893a, 474 (to *Unc.*); 1900, v. 15, 86 to (M.), 86–87 (of *Schneid.*), 104, 106 (of *Crep.* s. M. *trigonoc.*); 1902b, 108 (so. *Bunost. phlebotomum* and B. *trigonoc.*).—Rans., 1911a, 30, to (M.) (so. M. t.).—Schneidem., 1896a, 318.—Schneid., 1866a, 128, 132, 137, 138 (in *Ovis aries*), 139, 142, 233, 256, pl. 9 figs. 6–7, pl. 24 figs. 3–4.—Stoss., 1899d, 123–124 (69–70) (to *Unc.*).—Ward, 1895a, 334 (in *Bos taurus*), 337 (in O. a.).—Wedl., 1856, v. 19, 54, pl. 3 figs. 34–36.—Züern., 1882, 262–263 (to *Dochmius*) (in O. a.).—Also reported for *Capra hircus*.

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- cervicornis* McFadyean, 1897a, 46-48, fig. 2 (in stom., *Ovis aries*); 1897c, 54-55, 57, 58, 62, fig. 1 (in sheep; Eng.); 1898c, 255 (s. *circumcinctus*).—Bang, 1897a, 346, 347, 348.—Blgr., 1914, v. 7 (3).—Christiansen, 1916, 154.—Craig, 1915, 498.—Dodd, 1908, v. 21, 197-198; 1909, v. 21 (2), 181.—Frœhner, 1915, 251.—Gardener, 1911, JSEAC, 484 (in sheep and goat; Europe, U. S., N. Zealand, Australia).—Gilruth, 1899a, 23-27, 2 figs.; 1900, 46; 1900, 305 (in calves; New Eng.); 1901a, 27, 33; 1902, 293; 1906, 306, 307 (in *Bos taurus*, *Capra hircus*).—Hornby, 1913, 540, 541, 542, 543.—Ihle, 1917, 168.—Julien, 1897e, 544, figs. 3, a-c; 1898a, 84, 85, 87.—Rail., 1898, 173 (so. *circumcinctus*).—Rans., 1911a, 56, 59 (so. *Ostertagia ostertagi*, *O. circumcincta*).—Reakes, 1900a, 46 (*cervicornus*).—Sl. & Sw., 1912a, 379.—Stœdter, 1901a, 5, 34, 39, 40, 41, 42, 44, 48, 52, 53, 54, 90 (so. *ostertagi*); 1898b, 166, 178
- cervicornus* Reakes, 1900a, 46 for *cervicornis* (in calves).
- cervi-mexicani* M. C. V. in Mol., 1861a, 461 (37) (so. *Eucyathost. longesubulatum*).
- cervi-rufi* M. C. V. in Mol., 1861a, 461 (37) (so. *Eucyathost. longesubulatum*).
- cesticillus* Mol., 1861a, 516-517 (92-93), pl. 5 figs. 1-2 (in *Cebus fatuellus*; Brazil).—Smidt, 1906, 650.—Stoss., 1899d, 85-86 (30-31) (in C. f.; B.).
- circumcinctus* Stadelmann, 1894a, 142-146, figs. 1-2 (in *Ovis aries*; Germany); 1896a, 235, figs. 1-2.—Fiebiger, 1912a, 273.—Gardener, 1911, JSEACWye, 484 (in sheep and goat; Europe, U. S., N. Zealand, Australia).—Hut. & Mar., 1906a, 379; 1910b, 475.—Julien, 1898, 86, 87, 88.—McFadyean, 1898c, 255, 256.—Rail., 1898, 173.—Rans., 1911a, 59, 62 (to *Ostertagia*).—Sl. & Sw., 1912a, 378.—Stœdter, 1901a, 5, 34, 39, 40, 41, 42, 43, 44, 45, 47, 48, 53, 54, 90.
- circumlitus* Rail., 1899d, 128-129 (in bronchi and heart, *Phoca vitulina*; baie de Somme).—Rail. & Henry, 1913, 454 (in P. v.).
- clathratus* (Baird, 1868) Cobbold, 1882a, 224, 230-232, 234, fig. 2, pl. 23 figs. 3-5 (in *Elephas indicus*, *Loxodonta africana*).—Linst., 1907, 255.—Piana & Stazzi, 1900, 511 (to *Sclerost.*); 1900, 525-526.—Stazzi, 1900, 5.
- cohærens* Schneid., 1866a, 127, 135, 278 (in *Dasyprocta aguti*; Brazil).—Hall, 1916a, 115 (so. *Eucyathost. copulatum*).—Looss, 1901a, 47.—Rail., 1898b, 174 (so. ? *Sclerost. copulatum*); 1898, 402.—Stoss., 1899d, 112 (58) (so. *S. cop.*).
- colubri* Rud., 1819a, 37 (in *Coluber austriacus*; C. E. V.).
- colubri* M. C. V. in Mol., 1861a, 543 (119) (so. *Kalic. subulatus*) (Brazil).
- colubri eririo vari* M. C. V. in Mol., 1861a, 542 (118) (so. *Kalic. strumosus*) (Brazil).
- colubriformis* Giles, 1892c, 34; 1892d, 45-47, 49, pl. 1 figs. 1-9 (in *Ovis aries*; India).—Julien, 1897e, 544.—Looss, 1905b, 409, 410, 419 (possibly = *Trichostr. subtilis*) (in Indian sheep).—Rail., 1893a, 442 (so. *instabilis*); 1898, 174.—Rans., 1911a, 88, 90 (to *Trichostr.*) (in O. a.).—Stœdter, 1901a, 5, 76, 77, 78, 79, 92 (so. *retortæformis*).—Stoss., 1899d, 68 (14) (in *O. aries*; India).—Verdun, 1907, 303 (so. *Trichostr. subtilis*).—Ward, 1895a, 337 (so. ? *Str. instabilis*) (in O. a.).
- colubri-jararaca* M. C. V. in Mol., 1861a, 540 (116) (so. *Kalic. inermis*) (Brazil).
- colubri-surucucu* M. C. V. in Mol., 1861a, 543 (119) (so. *Kalic. subulatus*) (Brazil).
- commutatus* Dies., 1851a, 315 (new name for *Fil. leporis pulmonalis*, and *Str. retortæf. major*) (in *Lepus timidus*; Europe).—Anacker, 1893i, 345.—R. Bl., 1888a, 742 (in rabbit).—Cobbold, 1875b, 891; 1879b, 319, 336.—DZTVp, 1889, v. 15, 296.—Eberth, 1863a, 64, 65, 66, 68, 70, 71.—Edelm., 1915, 109.—Fiebiger, 1912a, 262.—Frœhner, 1915a, 739.—Galeb, 1878b, 350.—Galli-Val., 1907, 225 (in lièvre; Kairouan).—Hall, 1916a, 163 (so. *Synthetocaulus pulmonalis*).—Hempelm., 1912a, 108.—Horne, 1909, v. 21 (7), 179-184, pls. 1-2.—Hut. & Mar., 1906a, 53; 1910b, 69; 1913b, 75, 86 (in Gemse, Hase, Kanichen, Reh, Schaf, Ziege).—Jellinek, 1902a, 552 (in hare); 1903a, 110; 1903b, 224.—Kleinpaul, 1908, v. 16 (43), 622.—Leuck., 1867b, 106, 107, 115; 1868a, 403, 404, 405; 1879a, 61; 1886d, 47.—Linst., 1896c, 17; 1906, 390, 397, 398, 399.—Marzocchi, 1908, v. 42, 211-212; 1908, v. 70, 259 (broncho-pneumonia); 1908, 166.—Mazzanti, 1892a, 105-108 (in *Lepus dom.*).—Mégn., 1897b, 80-81; 1897c, 230-231.—Mégn. & Rémy, 1887a, 445-447.—Mol., 1861a, 522 (98) (in *L. timidus*; M. C. V.).—Mûeh., 1898b, 47.—Noermer, 1881a, 4.—Ostertag, 1899a, 425.—Rail., 1888i, 211; 1890, No. 8; 1893a, 435, fig. 24.—Rail. & Henry, 1907, 752 (to *Syn.*).—Richters, 1913, in 251-272.—Schlegel, 1899, 139, 140, 143, 144, 145, 151, 164.—Schneid., 1866, 143, 269

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(s. retortæf. Rud. pars).—Stoss., 1897a, 5; 1898, 86; 1899d, 77-78 (23-24) (in *L. cuniculus*, L. t.; Europe).—Thierarzt, Wetzlar, 1903, v. 42 7-8.—Vauil., 1901, 127.—Wucherer, 1869, 171.—Zsch., 1914, v. 58, 94.

conjugatus cavix-aguti M. C. V. in Mol., 1861a, 462 (38) (so. *Eucyathost. copulatum*) (Brazil).

contortis AJCGH, 1904, v. 24 (3), 293-294 (in sheep, goats) (for *contortus*).

[*contorto* Perronc., 1882a, 366, see *contortus*].

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(TRANSVAAL) Rous, 1905a, 857-859.

(TRIESTE) Stoss., 1899d, 73 (s. *ammonis*, *Oesophagost. filicollis*), 74 (in *B. t.*, *Cervus capreolus*, O. ar., O. am., O. arg., *Rupicapra europæa*; Europe).(U. S. A.) BG, 1907, v. 52 (16), 784 (in lambs).—Cobb, 1898a, 447.—Curtice, 1890c, 16, 17, 20, 22, 117, 141-144, 146, 202, pl. 18.—F. H. N., 1916, v. 11 (12), 378-379 (in sheep).—Francis, 1894a, 450.—Flickman, 1900a, 199-212.—Hopkins, 1900b, 277-278; 1900c, 152-153.—Marshall, 1904a, 182.—Rans., 1911a, 35, 46, 50 (so. *Chabertia ovina*, *Oesophagost. venulosum*) (to *Hæmonchus*) (in O. a.; Europe).—Stalker, 1893a, 8-9.—Stewart, 1898a, 324-325.—Stewart & Atwood, 1903a, 223, 224, 226, 227.—Stiles, 1892f, 148; 1896, 207; 1898a, 128, 132; 1901, 170; 1902, 185, 189; 1902m, 7, 8, 15; 1902qq, 223-232; 1903xx, 110; 1903, 14.—Stiles & Hass., 1894e, 343 (in *Antilocapra americana*, *B. t.*, *Coassus* sp., O. a.); 1901b, 4 (in *Cervus macrotis*).—Thorne, 1892b, 72; 1898b, 165, 166, 178.—Titus, 1900a, 423 (in *Angora* goats).—Verrill, 1870, 176, 242.—Wallace's Farmer, 1900, v. 25 (33), 799.—Ward, 1895a, 306, 334 (in *B. t.*), 337 (in O. a.), fig. 64.—Wing, 1898a, 172-178, fig. 1.(MISCELLANEOUS) Bowhill, 1906, 558.—Gray, 1905, 857.—Hornby, 1913, 540, 541, 542, 543.—Ihle, 1917, 168.—Kastenbaum, 1899, 253-254.—Willianas, 1885, 65-68 (in sheep); 1885, 44-45 (s. *Abomosi ovis*, *Fil. denticulata* Simmonds); 1896, 355, 364.—Woodruff, 1911, v. 8, 363.— Also reported for *Antilocapra americana*, *Rupicapra tragus*.

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(U. S. A.) Glover, 1915, PMVMA, 68.—Luckey, 1915, PMVMA, 68, 69.—Mayo, 1915, PMVMA, 68-69.—Stiles, 1903xx, 110.

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- Neum., 1892d, 365–366.—Rans., 1911a, 56 (so. *Ostertagia ostertagi*).—Saul, 1914, CfB, 206.—Sl. & Sw., 1912a, 377.—Stadelm., 1892a, 149–176, pl. 10 (anat.); 1893a, 219–220; 1894a, 142 (so. o.).—Stiles, 1892f, 147 (in cattle); 1894g, 151–153; 1894h, 1–3.—Stoedter, 1901a, 34, 35–37, 44, 53, 90.—Stoss., 1899d, 86 (32) (so. o.).—Ward, 1895, 334 (in B. t.), 337 (in O. a.).
- costatus* Rud., 1819a, 647–648 (in *intestinis*, *Coluber* sp.; Brazil).—Dies., 1851a, 298 (to *Diaphanoc.*) (in *Hylophis lævicollis*, *Lachesis rhombeata*; B.).—Duj., 1845a, 260 (to *Sclerost.*).—Looss, 1911, v. 4, 200.—Schneid., 1866a, 129, 131, 137, pl. 9 fig. 4.—Stoss., 1899d, 104 (50) (to *Sclerost.*) (in *Bothrops ijaracca*, *Erymnus macrolepidotus*, H. l., *Herpetodryas bicarinata*, H. *costatus*; B.).
- costatus* Meyer, 1896b, 69–72, figs. 16–19 (in *intest.*, *Manis pentadactyla*; Ceylon).—Poss & Star., 1902a, 8.
- costellatus* Duj., 1845a, 116 (in *Arvicola arvalis*; Rennes).—Dies., 1851a, 311 (in *Lemmus arvalis*).—Hall, 1916a, 149, 150, 159 (to *Heligmosomum*).—Mueh., 1898b, 47.—Stoss., 1899d, 88 (34) (so. *polygyrus*).
- crenulatus* Rud., 1809a, 238–239 (in *Colymbus septentrionalis*; Greifsw.). 1819a, 29 (so. *Spiropt. colymbi*).—Mol., 1860c, 487 (so. *Disph. crassicauda*).
- criniformis* (Goetze, 1782) Rud., 1802a, 39–40 (s. *melis*) (in Dachs); 1809a, 234–235 (in *Ursus meles*); 1819a, 35–36 (in *Meles taxus*; Greifsw.).—Cat. RCSI, 1830, 41 (in M. vulg.).—Cobbold, 1866b, 5 (in M. v.).—Dies., 1851a, 300 (to *Doeh.*).—Duj., 1845a, 276 (to D.).—Gieb., 1857a, 269.—Linst., 1906, 92.—Looss, 1902c, 422, 423, 424 (so. *Unc. melis*); 1905a, 23 (of Rud., not Goetze), 25 (in M. t.); 1911a, 194.—Mol., 1861a, 476 (52).—Oken, 1815a, 196.—Olfers, 1816, 60.—Par. & Grassi, 1877, 193 (to D.).—Schneid., 1866a, 126, 128, 131, 139, 1 fig.—Zed., 1803a, 90 (in U. m.).
- crispinus* Stoss., 1899d, 108 (54) (misprint for *orispinus*) (so. *Sclerost. mucronatum*).
- crotali* M. C. V., in Mol., 1861a, 548 (in *Crotalus horridus*) (so. *Kalic. mucronatus*), 529–530 (105–106) (in C. h.; Ypanema), M. C. V., 541 (117) (so. *Kalic. inermis*).—Stoss., 1899d, 106 (52) (so. *Sclerost. inermis*).
- cruciformis* Cobbold, 1879b, 298 (in *Meles*; Hunterian Mus.; n. n. except for host) (possibly lapsus for *criniformis*).
- curticei* Rail., 1893a, 442 (for *curticii* Giles, 1892d).—Christiansen, 1916, 147.—Hut. & Mar., 1910b, 477; 1913b, 475 to (Cooperia).—Nev.-Lem., 1912a, 717.—Rans., 1907, 3 (in *Ovis aries*; U. S. A.); 1911a, 71, 74, 79.—Rail., 1898, 173.—Schnyder, 1906, 14, 26, 27, 28, 33, 35, 36, 37, 38, 39, 44, 48, 49, 50, 52, 56, 57, 58, 60, 62, 67, 69, 70, 75, pl. 2 fig. 5; 1906, 169, 181, 182, 183, 190, 191, 192, 193, 194, 204, 205, 207, 245, 246, 247, 249, 251, 256, 258, 259, 264, pl. 2 fig. 5; 1907, 708.—Stiles, 1904s, 484.—Stoedter, 1901a, 5, 63, 64, 65, 67, 68, 69, 70, 71, 90.—Ward, 1895a, 334 (in B. t.), 337 (in O. a.).
- curticii* Giles, 1892d, 48–49 (in *Ovis aries*; U. S. A.) (s. *ventricosus* of *Curtice*).—Rans., 1911a, 71, 74 (so. *Cooperia curticei*).
- cylindricephalus* Mol., 1861a, 529 (105) (in *Amphisbæna flavescens*; Ypanema, M. C.) (s. *amphisbæne-albæ*).
- cylindrocephalus* Stoss., 1899d, 129 (75) (in A. f.) (for *cylindricephalus*).
- cynocephali* Mol., 1861a, 524–525 (100–101) (*attenuatus* Leidy renamed) (in *Cynocephalus porciarius*; Penn.).—Smidt, 1906, 650.—Stoss., 1899d, 85 (31) (in C. p.; Penn.).
- dasypodis-gilvipedis* M. C. V., in Mol., 1861a, 474 (50) (so. *Diploodon mucronatum*) (Brazil).
- decoratus* Crep., 1847a, 289 (in air passages, *Canis vulpes*; by Crep.).—Mol., 1861a, 442 (18) (so. *Crenosoma semiarmatum*).—Stoss., 1898, 85 (to C.); 1899d, 67 (13).
- dentatus* Rud., 1803a, 12–13 (in *Sus scrofa*; by Rud.); 1804, 33; 1809a, 209–210 (to *Sclerost.*); 1819a, 31 (in S. dom., S. fer.; Greifsw.).—Bail., 1866b, 56 (to *Scl.*).—Dies., 1851a, 305–306 (to *Sclerost.*).—Duj., 1845a, 127 (in S. scrofa, dom., S. s. f.).—Frœhner, 1915a, 251.—Gurlt, 1831a, 356, pl. 7 figs. 20–24.—Jensen, 1914, 36.—Koell., 1843, 69, 107, 110, 117, figs. 24–25.—Lam., 1816, 204; 1840a, 650.—Liebe, 1898a, 207 (s. *follicularis*) (in swine).—Mehl., 1831a, 79.—Meyer, 1896b, 72 (in *Sus*, *Dicotyles*).—Mol., 1861a, 445 (21) (so. *Oesoph-*

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- hæmonchus* ASB, 1909, v. 29 (8), 516–517 (for *Hæmonchus contortus*).—Stewart, 1912, ASB, v. 32 (11), 668 (in sheep; Ky.).
- hamatus* (Simonds, 1863) Simonds, 1894a, 580 (in sheep).
- harkeri* Stœdter, 1901a, 72, 75, 91 (*Str. n. sp. Harker*, 1893), pl. 11 figs. 1–5 (in *Bos taurus*; Eng.).—Christiansen, 1916, 147.—Gardener, 1911, *JSEAC*, 484 (in cattle; Europe, U. S., N. Zealand).—Gedœlst, 1911a, 120.—Rans., 1911a, 56 (so. *Ostertagia ostertagi*).—Schnyder, 1906, 10 (in *B. t.*); 1906, 165; 1907, 708.
- hastatus* Linst., 1905cc, 274, pl. 10 figs. 15–16 (in intest., *Tetrao tetrix*; Ing).
- hemicolor* Cobbold, 1876, 694–296, pl. 21 figs. 5–10 (in *Pithecia leucocephala*; Zoo.).—Smidt, 1906a, 651.—Stoss., 1899d, 130 (76) (in *P. l.*).
- hominis intestinalis* Leichtenstern, 1886c, 238 (for *Ankylost. duodenale*).—Looss, 1905a, 18 (so. *Agchylost. duod.*); 1905b, 43.
- horridus* Rud., 1809a, 35, 237–238, 239, pl. 3 figs. 8–10 (in *Scolopax gallinula*, Grisew.); 1819a, 28 (so. *Spiropt. gallinulæ*).—Mol., 1860b, 973 (to *Spiropt.*).—Olfers, 1816a, 58, 60.—Schneid., 1866a, 95.—Villot, 1875, 470 (probably so. *Spiropt. aculeata*).
- houbaræ* Dies., 1851a, 321 (in *Otis houbara*; Offenbach; Meyer, 1831, 407).—DZTvpP, 1889, v. 15, 317.—Mol., 1861a, 528 (104) (in *O. h.*).—Stoss., 1899d, 130 (76) (in *O. h.*).
- hypostomus* Rud., 1819a, 33, 263 (in *Antilope rupicapra*; Mus. Wien).—Armatage, 1895, 463.—Bail., 1866b, 54 (to *Sclerost.*).—Brems., 1824c, pl. 4 figs. 1–3 (so. *ScL. ovinum*).—Cobbold, 1873c, 112; 1875o, 891; 1876r, 676; 1879b, 336, 346.—Crep., 1829b, 10–13, pl. 1 figs. 6–9; 1839a, 281.—Dies., 1851a, 301 (to *Doch.*).—Duj., 1845a, 255 (to *ScL.*).—Frœhner, 1915a, 251.—Gurlt, 1831a, 356, pl. 7 figs. 7–12.—Kowal., (1894a), 226; 1894, 6; 1902d, 12, 30 (so. *ScL. ov.*).—Looss, 1901a (1902 May 13), 47.—Mehl., 1831a, 78–83, pl. 2 figs. 5–9 or 10–12 (so. *ScL. ov.*).—Mol., 1861a, 468 (44) (so. *Monodontus wedlii*).—Nev.-Lem., 1912a, 726.—Nordm., 1832a, 107; 1833b, 317; 1840a, 650.—Par., 1894, 233 (so. *ScL. ov.*).—Rail., 1900e, 102–107; 1893a, 463 (to *ScL.*); 1900e,

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- hystricis* Rud., 1809a, 243 (in *Hystrix*) (based on Redi, 136, 203); 1819a, 28.—Hall, 1916a, 222 (to *Spiropt.*).
- identatus* Leneveu, 1915, 593, 599, 600 (for *edentatus*) (in horse).
- inflatus* Schneid., 1866a, 129, 131, 139, 141 (s. *radiatus* Rud., pars) (in colon, *Bos taurus*; lng.).—Cobbold, 1873c, 65; 1879b, 346 (in ox).—Meyer, 1896b, 72 (in *Bos*).—Perronc., 1882a, 366.—Rail., 1893a, 449 (to *Oesophagost.*); 1900, 105 (Schneid. not Mol.) (so. *Oes. radiatum*).—Rans., 1911a, 44 (in *B. t.*) (so. *Oes. r.*).—Schneidem., 1896, 306.—Stædter, 1901a, 75 (to *Oes.*).—Stoss., 1899d, 97 (43) (to *O.*).—Ward, 1895a, 335 (in *B. t.*).—Willach, 1891, v. 17, 342, 344 (in cattle).—Züern, 1882, 263.
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- [*inflato* Perronc., 1882a, 366, for *inflatus*.]
- inflexus* Rud., 1809a, 227–228 (in bronchi, *Delphinus phocæna*; lng.); 1819a, 34.—Baer, 1827b, v. 13, 560.—Baird, 1853, 111 (to *Prosthecosacter*).—Ben., 1870a, 363–364.—Cat. RCSL, 1830, 40–41 (in *D. p.*).—Craigie, 1832a, v. 38, 301, 354; 1832, v. 36, 122, figs. 18–21.—Crep., 1829b, 13–19.—Dies., 1851a, 323 (of Rud. pars, to *Prosth.*), 324 (pars of Rud., 1809a, 227; Crep., 1829b, 14; in Mehl., 1831, 88–89, pl. 2 figs. 13–15; Rapp., 1837, 100) (renamed *Pr. minor*); 1861a, 719 (to *Prosth.*).—Duj., 1845a, 135 (pars so. *Pseudalius filum*), 266 (to *Stenurus*).—Eschr., 1840a, 66; 1841g, 25–26, 33, 34; 1841h, 214–215 (in *D. p.*).—[Klein, 1740.].—Fröhner, 1915a, 215.—Kuhn, 1829, v. 19, 139; 1829a, v. 17, 150; 1829b, 363, 364, 367, pl. 17 figs. 14–17.—Mehl., 1831, 88–90.—Olfers, 1816a, 60.—Quekett, 1841a, v. 8, 151.—Raspail, 1829b, v. 2, 244, pl. 7 figs. 4–8, pl. 8 figs. 2–4, 7–9; 1829, v. 19, 139–143.—Schneid., 1866a, 126, 173.—Sieb., 1838, v. 2, 294.—Stoss., 1899d, 64 (10) (to *Ps.*).—Thoms., 1855, 185.—Vrolik, 1826, 77–84; 1826, v. 9, 374–375.
- inflexus major* (Duj., 1845) Dies., 1851a, 323 (based on Raspail, 1829b, 244, pl. 7 figs. 4–8, pl. 8 figs. 2–4, 7–9; 1829c, 139–143).—Baird, 1853a, 111 (so. *Prosthecosacter inflexus*).
- inflexus pulmonalis* Dies., 1851a, 281 (so. *Fil. inflexocaudata*) (quotes Eschricht, [1841h, 231;] 1842, 704).
- instabilis* Rail., 1893a, 442, fig. 301 (in intest., *Ovis aries*, chèvre, chevreuil; by Rail.) (? s. *colubriiformis*).—Bowhill, 1906, 558.—Braun, 1908a, 326; 1915a, 346.—Brumpt, 1910a, 339; 1913a, 459.—Cast. & Chalm., 1910a, 431.—Fiebiger, 1912a, 272.—Julien, 1897e, 528, 533, 543, 544, 575, figs. 3, a–c; 1897a, 724; 1898a, 84, 85, 88.—Looss, 1905o, 409, 410, 411, 419, 420, 422 (?= *Trichostr. subtilis*); 1914, 511.—Neum. & Mayer, 1914a, 443.—Nev.-Lem., 1908a, 458; 1912a, 716.—Rail., 1893, 442, fig. 301; 1898, 173 (so. *retortæformis*); 1898, 254.—Rans., 1907, 1; 1911a, 59, 88 (to *Trichostr.*) (so. *Ostertagia circumcincta*); 1917, TASTM, 81.—Sl. & Sw., 1912a, 519.—Stiles, 1914, MM, v. 2, 294.—Stædter, 1901a, 5, 42, 76, 77, 78, 79, 92 (so. *ret.*).—Stoss., 1899d, 76 (22) (in *Capra hircus*, *Cervus capreolus*, *O. a.*).—Thorne, 1898b, 166, 178.—Vauil., 1901, 133.—Ward, 1895a, 337 (in *O. v.*).
- intestinalis* (Bavay, 1877) Thayer, 1900c, 721 (misprint for *Strongyloides intest.*).—Warfield, 1906, Oct. 13, 335.
- intestinalis* of Smith.—Looss, 1911a, 274 (probably a *Trichostr.*) [? possibly lapsus for *Strongyloides intestinalis*].
- invarinatus* Schneid., 1866a, 129, 132, 147–148, 251, pl. 8 fig. 17 (in *Coluber* sp.; Brazil).—Meyer, 1896b, 72.—Rail., 1888i, 210.—Schulthess, 1882, 183.—Stoss., 1899d, 75 (21) (in *C. sp.*; B.).
- [*ipostomo* Perronc., 1882a, 364, see *hypostomus*.]
- ipostomus* Carita, 1887a, 58, 59, 60 (for *hypostomus*).
- isotrichis* (Mol., 1860) Hall, 1916a, 108–109 (in *Thrichomys pachyurus*; Brazil).

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- kommutatus* Schneidem., 1896a, 319 (for *commutatus*).
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konvolutus Dammann, Dirigent, & Freese, 1908, TR, v. 14, 506 (for *convolutus* Ostertag).
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lari-ridibundi Dies., 1851a, 321 (s. *Nematoideum lari-ridibundi*) (in *Larus ridibundus*, L. *fuscus*); 1861a, 718.—Mol., 1861a, 528 (104) (in L. r., L. f.).—Müehl., 1898b, 48 (so. *Sclerost. cyathost.*).—Rans., 1904, 43.—[Sieb., 1837a, 68 (in L. r.).]
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leporum (Moniez, 1880) Moniez, 1889k, 351–354 (in *lapin, lièvre*; N. France).—Hall, 1916, 144, 148 (in *Oryctolagus cuniculus*, *Lepus europæus*; Europe).—Rail., 1893a, 447; 1916, RMv, 518.—Rail. & Henry, 1909a, 86 (so. *Graphidium strigosum*).—Stødter, 1901a, 61, 94 (in hare).—Stoss., 1899d, 91–92 (37–38) (in *Lepus timidus*, L. *cuniculus*; France).
leptocephalus Rud., 1819a, 649–650 (in *Bradypus tridactylus*; Brazil).—Cobbold, 1879b, 321.—Crep., 1844a, 115.—Dies., 1851a, 312 (s. *Nematoideum bradypodis-tridactyli*) (in B. t.; B.).—Duj., 1845a, 121 (in B. t.).—Schneid., 1866a, 79, 100, 127 (to *Fil.*).
leptosomus Gerv., 1848, ASn, v. 10, 204 (in *Uromastix acanthinurus*; Liège, from Algeria).—Crep., 1849a, 72 (n. sp. in *Uromastix a.*; Gerv., 1848, 204).—Dies., 1851a, 321 (in U. a.; A.).—Fraip., 1882a, 103–104, figs. 11–13 (in U. a.; L., from A.).—Mol., 1861a, 529 (105) (in U. a.).—Seur., 1917, CrSB, 48 (22) (to *Physalopt.*).—Stoss., 1899d, 130 (76) (in U. a.).
linstowi Stoss., 1899d, 128 (74) (*alatus* Linst., 1879, renamed) (in *intest.*, *Manis tetradactyla*; lng.).
loncheris M. C. V. in Mol., 1861a, 560 (136) (so. *Sclerost. isotricis*) (in *Isothrix pachyura*).
longecirratus Linst., 1879b, 332–333, pl. 5 fig. 18 (in *intest.*, *Bos grunniens*; lng.).—Rans., 1911a, 34 (to *Monodontus*).—Stoss., 1899d, 114 (60) (in B. g.) (to *Sclerost.*).
longevaginalus Cast. & Chalm., 1910a, 1216 (misprint for *longevaginatedus*).
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- lupi* Rud., 1809a, 242 (in *Canis lupus*; by Heyse); 1819a, 27, 36 (in C. l.; M. C. V.).—Fischer, 1840a, 154.—Mol., 1861a, 526 (102) (in C. l.).—Rail., 1893a, 536 (so. *Spiropt. sanguinolenta*).—Stoss., 1899d, 128 (74) (in C. l.).—Ward, 1895a, 343 (in C. fam.).
- major* Duj., 1845a, 135 (so. *Pseudalius filum*) (quotes Raspail, 1830 (1829b), 244 pls. 7–8 [not available]).
- meleagris-galloparonis* Dies., 1851a, 302 (so. *Sclerost. syngamus*) quotes Bellingh., 1844a, 105).—Dolley, 1894a, 1013 (so. *Syngamus trachealis*).—Stoss., 1899d, 98 (44) (so. S. t.).
- melinus* Fabr., 1794a, 12 (Unc. *melis* and Asc. *crinif.* renamed).
- melis* Schrank, 1788a, 15 (in Dachs; Goeze, 1782a, 107, pl. 3 figs. 1–4).—Dies., 1851a, 300 (so. *Doch. criniformis*).—Duj., 1845a, 276 (so. D. c.).—Frœl., 1789a, 137 (to Unc.); 1790, 136 (so. Asc. *crinif.*).—Mol., 1861a, 495 (71) (so. D. c.).—[Muell., 1787a, 55.]—Par. & Grassi, 1877b, 193 (so. D. c.).—Rud., 1802a, 39 (so. *crinif.*); 1809a, 234 (so. c.).—Stoss., 1899d, 125 (71) (so. Unc. *crin.*).—Zed., 1800a, 72 (in *Melis*); 1803, 90 (so. c.).
- mergorum* Rud., 1809a, 240 (in *Mergus albellus*, M. *serrator*; Redi, An. viv., 153, 154, Vers. 226, 228 pl. 21 fig. 10); 1819a, 32, 262, (so. *tubifex*).—Dies., 1851a, 325.—Duj., 1845a, 129 (so. *tub.*).—Jägers, 1909, v. 2 (3), 10 (so. *Eustrongylides elegans*).—Olfers, 1816a, 60.—Rail., 1893a, 423 (so. *Hystrichis elegans*).
- microstoma* Veterinarian, Lond., 1876, v. 49, 477–478 (in horse).
- micrurus* Mehl., in Gurlt, 1831a, 358–359, pl. 6 fig. 50–54 (s. *vitulorum*, Gord. *viviparus*, Fus. *vituli*) (in *Bos taurus*, *Equus asinus*; Europe).—Anacker, 1879, v. 18 (4), 79–80 (in cattle); 1892m, 584.—Bail., 1866b, 62–63, 66, 67.—Baird, 1853, 13.—Bauer, 1872a, 405–406 (in *Bos taurus*).—Bergeon, 1905, 717 (husk, treatment).—Blemer, 1901a, 188–190.—Bos, 1894a, 215.—Broad, 1873a, 242 (treatment, parasitic bronchitis) (in B. t.).—Brown, 1897a, 23.—Bruckmüller, 1866, OVvV, 24–35.—Cagny & Gobert, 1904a, 695, 696, fig. 1660.—Campb. & Lacr., 1907, 72.—Chardin, 1876a, 313.—Cobbald, 1873c, 63, 111; 1874d, 8; 1875o, 889–901 (eggs, embryos); 1876l, 402; 1879b, 335, 336, 345, 385.—Christiansen, 1916, 151, 154.—Daniels, 1897, 71, 1910, pt. 2, 129.—Dav., 1877a, cxvii, 23, 28, 30.—DZTvP, 1889, v. 18, 302.—Dewitz, 1892b, 146, 165–166, 168, 170, fig. 127.—Dies., 1851a, 316 (s. Gord. *viviparus*, Asc. *filif.*, Asc. *vituli*, Fus. *vituli*, Str. *vitulorum*) (in B. t., *Equus cab.*, E. *asinus*, *Cervus dama*).—Edelm., 1915, 108.—Fiebiger, 1912a, 260, fig. 174.—Francis, 1894a, 452.—Frœhner, 1915a, 738.—Fry, 1836a, 219 (in B. t.).—Galli-Val., 1901c, 361 (bovines).—Garcia, 1908, (1826), 291–292 (bronchopneumonia del ganado lanar); 1908, (1827), 310–311.—Gurlt, 1831a, 358–359, pl. 6 figs. 50–54.—Horstmann, 1889a, 47.—Hutton, 1885a, 39–41 (intratracheal injections).—Hut. & Mar., 1906a, 53; 1910b, 69; 1913b, 73–74, figs. 11, 13 (in Damwild, Edelhirsch, Reh, Rind, Pferd, Esel).—Jägers., 1898a, 739.—Jarvis, 1874a, 24–26 (pathology).—Joest, 1908, v. 4, 201–215, pls. 10–11 4 figs.—Kasperek, 1900a, 70–73.—Kastenbaum, 1899, 249.—Kitt, 1892a, 79–82 (in Edelhirschen).—Knight, 1903a, 523; 1903b, 410–411.—Krieger, 1912 or 1913, Diss. Giessen, 1–51.—Kudelka, 1893b, 223.—Leaver, 1829a, 355–357.—Leuck., 1863a, 109; 1868a, 407; 1879a, 61, 183; 1886d, 47, 143.—Linst., 1896b, 17; 1906, 390, 391, 397, 398, 399.—Looss, 1901a, 56, 67, 72.—McCoart, 1880a, 62 (in cattle).—Macfarlane, 1898a, 558–560.—Maffei (1861a), 22–26.—Macgillivray, 1879a, 870–872.—Malkmus, 1906, 603.—Meyer, 1896b, 60, 61.—de Mia, 1902a, 67; 1902b, 370.—Milroy, 1889a, 212–213, 214.—Mol., 1861a, 520 (96) (in B. t., E. c., E. a., C. d.; Berl.).—Muell., 1903, 127.—Nev.-Lem., 1912a, 693.—Ostertag, 1890b, 457; 1890e, 4; 1899a, 422.—Padrone, 1904a, 493.—Pedersen, 1894–95, v. 6, 218–222.—Penhale, 1885a, 106–108 (intratracheal injections).—Perronc., 1882a, 369; 1899, 278–279.—Piot, 1906a, 588.—Poulton, 1892a, 288.—Rail., 1893a, 430.—Rail. & Henry, 1907, 752 (so. *Dictyocaulus viviparus*).—Richters, 1913, in 251–272.—Sa, 1916, RVZ, v. 6, 387–389.—Saunders, 1914, v. 14, 132, 136.—Schiebel, 1907, 673–678, figs. (treatment; 1908, v. 59, 367–368; 1909, v. 1 (13), 296–297.—Schmitt, 1905a, 942–945 (in cattle).—Schneidem., 1896a, 315–316 (mikrurus).—Schneid., 1866a, 143.—Stalker, 1885, 33–34; 1886, 22–23.—Stiles & Hass., 1894e, 344 (in B. t., *Rangifer tarandus*).—Stœdter, 1901a, 14, 15, 16, 75.—Stoss., 1899d, 71 (17) (in B. t., E. c., E. a., C. d.).—Stroese, 1892a, 49–52, pls. 1–4; 1892b, 233–260, pls. 5–7; 1892, 1–32, 3 pl.—Sucht, —?—, 231.—Sumner, 1832, v.

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5, 140–143 (treatment).—Van Tright, 1883a, 231–233, figs. 1–2.—Trumbower, 1884, 465–467.—Vaull., 1901, 127, 133.—Verrill, 1870, 177, 178, 240.—Veterinarian, 1875, 839 (in calf); 1896, v. 69, 801–802.—Ward, 1895a, 335 (in B. t.), 340 (in E. c.).—Wartnaby, 1892, 52, 107.—Zahn, 1866, OVvV, 21–24.—Züern, 1882, 264, 268, 273, 274.—Zwænpöel & Coppens, 1909, v. 58 (5), 262–269, figs. 1–2 (treatment); 1910, v. 35 (2), 107–108.—Also reported for *Sus scrofa*.

mikrurus Schneid., 1896a, 315 (for *micrurus*).

minor Kuhn, 1829a, 150–153 (in *Delphinus phocæna*; by Kuhn); —, v. 19, 139; 1829b, 363–365, 367, pl. 17 figs. 10–13 (in D. p.).—Baird, 1853a, 31 (so. *Stenurus inflexus*).—Ben., 1870a, 364.—Cat. RCSI, 1830, 41 (in porpessa).—Dies., 1851a, 324 (to *Prosthecosacter*).—Duj., 1845a, 266 (so. *Stenurus inflexus*).—Mol., 1861a, 600 (176) (to Pr.).—Quekett, 1841a, v. 8, 152.—Raspail, 1830, v. 2, 244, pls. 7, 8, figs. 1–5, 9–11.—Rayer, 1843b, 32 (in D. p.).—Schneid., 1866a, 174 (to *Pseudalius*).—Stoss., 1898, 85; 1899d, 63 (to Ps.).

minusculus Neum. [n. v.].—Dolley, 1894a, 1012 (so. *tenuissimus*) (in *Equus cab.*).

minutissimus Mégn., 1878f, 636–639, pl. 1 figs. 1, 2, pl. 2 figs. 1–3 (in lungs, fat tailed sheep; Africa); 1878m, 1174; 1882, 298 (in sheep; A.).—Cobbold, 1879b, 346.—Curtice, 1890c, 17.—Hall, 1916a, 166 (so. *Synthetocaulus rufescens*).—Hut. & Mar., 1906a, 54; 1910b, 70; 1913b, 74.—Linst., 1896b, 17.—Müell., 1890c, 63.—Nev.-Lem. 1912a, 696.—Perronc., 1882a, 372.—Rail., 1884, 158 (in moutons; A.); 1888, 99, 100 (so. *rufescens*); 1893a, 427 (so. *ruf.*).—Sl. & Sw., 1912a, 519.—Ward, 1895a, 305 (so. *ruf.*), 337 (in O. a.).

[*minutissimo* Perronc. 1882a, 372 (see *minutissimus*).]

minutoides Par., 1907a, 1–2 (in intest. *Arvicanthys pulchellus*; Ibanda, Africa).—Hall, 1916a, 114, 147–148, figs. 197–198 (in A. p.; A.).

minutus Duj., 1845a, 118 (in *Arvicola subterraneus*, A. arvalis, *Mus sylvaticus*; Rennes).—Dies., 1851a, 313 (in *Lemmus* (Arv.) *subterraneus*; R.).—Hall, 1916a, 151 (to *Heligmosomum*).—Linst., 1882a, 2, pl. 1 fig. 1.—Par., 1907a, 2.—Stoss., 1899d, 76 (22) (in A. s., A. a., M. s., *Talpa europæa*).

molini Rail., 1898, 173 (*attenuatus* Mol., 1860, not Leidy, 1856, renamed) (in *pecari*).—Julien, 1898a, 87.—Stœdter, 1901a, 39.

monodon Linst., 1882a, 4–5, fig. 3 (in stomach wall, *Oidemia nigra*; by Linst.).—Skrj., 1916, 472.—Stoss., 1899d, 115 (61) (to *Sclerost.*).

monostichus (Dies., 1851) Schneid., 1866a, 132, 142 (in intest., *Tapirus americanus*; Brazil).—Stoss., 1899d, 96 (42) (to *Oesophagost.*).

mucronatus (Froel., 1791) Baird, 1853a, 13–14 (s. *anseris*, *nodulosus*) (in *Anser cinereus* dom.).—Rail., 1896, 160.—Stoss., 1899d, 108 (54) (to *Sclerost.*).

mülleri Gœze, 1782a, 434 (quotes *Icones Zool. Dan.*, pl. 42 figs. 1–3).—Linst., 1909, 48, 60.—Zed., 1800a, 80.

muticus Mehl. in Crep., 1845a, 329 (in intest. *Cervus dama*; by Mehl.).

myoxi Rud., 1819a, 36 (in *Myoxus glis*; C. E. V.).—Dies., 1851a, 319–320 (in M. g.).—Duj., 1845a, 118.—Hall, 1916a, 153 (so. *Heligmosomum gracile*).—Mol., 1861a, 527 (103) (in M. g.).—Stoss., 1896, 124–125 (= *gracilis* Leuck.); 1898, 86; 1899d, 83 (29) (in M. g.; Europe).

myrmecophage-jubata M. C. V. in Mol., 1861a, 521 (97) (so. *inflatus*).

nanus Braun & Lüthe, 1909a, 89 (in *Felis dom.*) (apparently for *pusillus* 1890 not 1803, see *abstrusus*); 1910a, 94.

neglectus Poeppel, 1897a, 15, 16, pl. 1 figs. 1–9 (in *Equus cab.*).—Fiebiger, 1912a, 280.—Hut. & Mar., 1906a, 404; 1910b, 508; 1913b, 509.—Looss, 1900c, 152, 154; 1901a, 48, 49 (so. *Sclerost. equinum*), 65, 76.—Veterinarius, v. 21, 170.—Reported for *Equus cab.*

nigrescens Olt, 1911, v. 27, 898.

nigricinctus Rail., 1898b, 173 (*anulatus* Mol., 1860 not Sieb., 1848 renamed) (in *Palamedea cornuta*).

[*nodulare* Perronc., 1882a, 375 (see *nodularis*).]

nodularis Rud., 1809a, 230–232 (*nodulosus* renamed, s. *anseris*, *Asc. mucronata*) (in *Anser*); 233; 1819a, 35, 264–265 (in *An. dom.*; Greifsw.).—Anacker, 1890i, 458.—Bail., 1866b, 71.—Cobbold, [1861e], 122, pl. 20 figs. 3–4; 1881, 185; 1874t, 790; 1879b, 447.—Crep., 1846a, 137, 142, 143, 144; 1849, 71, 72.—Dav., 1877a, cxviii.—Dies., 1851a, 310–311 (in *Anas anser* dom., A. a. *fera*, A.

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albifrons, A. segetum, A. clangula, A. fusca, A. marila, A. querquedula, A. penelope, A. leucops, A. crecca, A. fuligula, A. mollissima, A. nigra, Fulica atra; M. C. V.); 1861a, 720 (s. uncinatus, acutus) (in A. acuta).—Duj., 1845a, 130-131 (in A. a., A. s., A. strepera).—Fiebiger, 1912a, 275, fig. 187.—Freese, 1908, v. 16, in 713-716; 1909, v. 32, 30; 1909, v. 34, 434-436; 1909, v. 44, 144-145; 1909, v. 14, 621.—Frœhner, 1915a, 251.—Hut. & Mar., 1906a, 407; 1910b, 481, 515; 1913b, 480.—Linst., 1876a, 3, 4 (in F. a.); 1909, 60-61, fig. 29 (in Anas crecca, A. p., A. acuta, A. q., Anser anser, A. fabalis, A. albifrons, F. a., Nyroca marila, N. fuligula, N. clangula).—Müell., 1897a, 12-13, pl. 2 fig. 3; 1904a, 120.—Nev.-Lem., 1912a, 752.—Par., 1894a, 234.—Olfers, 1816a, 60.—Rail., 1892, 197; 1893a, 447, figs. 307-308 (so. anseris).—Rail. & Henry, 1909b, 171 (so. Amidost. anseris).—Schneidem., 1896a, 319.—Schneid., 1866a, 131, 132, 143.—Stiles & Hass., 1894e, 344 (in Somateria dresseri).—Stœdter, 1901a, 61, 62, 67, 95 (in Anser anser, Anas dom.).—Stoss., 1891, v. 13, 109; 1899d, 108 (54) (so. Sclerost. mucronatum).—Verrill, 1870, 180.—Wedl, 1855, v. 17, 310; 1856, v. 19, 46, pl. 2 fig. 22.—Also reported for Anser cinereus, A. c. dom., Chloephaga poliocephala, Fuligula cristata, F. marila, Gallinula chloropus.

nodulosus Rud., 1803a, 18-19 (includes anseris); 1809a, 230 (so. nodularis).—Dies., 1851a, 310-311 (so. nod.).—Duj., 1845a, 130 (so. nod.).—Linst., 1882a, 4, pl. 1 fig. 4.—Rail., 1893a, 447 (so. nod.).—Stoss., 1899d, 108 (54) (so. Sclerost. mucronatum).

onchophorus Nev.-Lem., 1912a, 717 (for oncophorus).

oncophorus Rail., 1898b, 173 (in bœuf); 1898, 254 (in vache; France); 1900, 104 (s. ventricosus of Schneid., 1866a, under radiatus Rud.).—Hut. & Mar., 1910b, 477; 1913b, 475.—Ihle, 1917, 169.—Nev.-Lem., 1912a, 717 (onchophorus).—Rans., 1911a, 77 (to Cooperia).—Schnyder, 1906, 14, 26, 27, 33, 35, 36, 44, 58, 60, 75, pl. 3 figs. 6, 7, 8 (Bos taurus); 1906, 169, 181, 182, 183, 190, 191, 199, 246, 247, 249, 264, pl. 3 figs. 6-8; 1907, 708.—Stœdter, 1901a, 5, 63, 64, 65, 66, 67, 68, 69, 70, 71, 86, 91.

orispinus Mol., 1861a, 522-524 (98-100), pl. 5, fig. 9 (s. anseris, nodulosus, nodularis, Asc. mucronata) (in Anas anser dom., A. anser fera, A. albifrons, A. segetum, A. clangula, A. fusca, A. nigra, A. penelope, A. leucops, A. crecca, A. fuligula, A. mollissima, Fulica atra; M. C. V.).—Rail., 1893a, 447 (so. nodularis).—Stoss., 1899d, 108 (so. Sclerost. mucronatum) (crispinus).

ormatus Olfers, 1816a, 58 (misprint for armatus).

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ovinus Gmel., 1790a, 3044 (in Ovis aries) and Fabr., 1794, 5-12, pl. 1 figs. 1a-1c, 2a-2c (in Ovis aries; Praest, Hobroe, Tylland).—Bail., 1866b, 67 (so. con-tortus).—Bennet & Olivier, 1826a, 29 (in sneep).—Dies., 1851a, 301 (so. Doch. hypostomus).—Duj., 1845a, 123 (so. c.).—Mol., 1861a, 467 (43) (so. Monodontus wedlii).—Perronc., 1901a, 429 (s. c.).—Nev.-Lem., 1912a, 726.—Rail., 1893a,

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ovis pulmonaris Gilruth, 1903c, 313 (for *o. pulmonalis*).

pallasi Stoss., 1899d, 89 (35) (in *Beluga leucas*) (for *pallasii*).

pallasii Ben., 1870a, 366 (in ear, *Beluga leucas*; by Pall.).—Cobbold, 1879b, 427.—Stoss., 1899d, 89 (*pallasi*) (in B. l.; Spitzbergen).

papillatus Linst., 1882a, 3–4, fig. 2 (in intest., *Otis tarda*; Hameln).—Stoss., 1899d, 82 (28) (in O. t.).—Wolffh., 1900, 10, 52.

papillosus Rud., 1802a, 42–43 (in *Corvus caryocatactes*; by Rud.); 1809a, 35, 214–215, 240, pl. 3 fig. 11, 12 (in C. c., *Colymbus septentrionalis*, C. minor); 1810a, 256; 1814, 94; 1819a, 31, 261–262 (in C. c.).—Dies., 1851a, 325 (pars so. *Eustr. tubifex*), 326 (pars so. *Eustr. papillosus*).—Duj., 1845a, 129 (so. *tubifex*) (in *Caryocatactes*; Greifsw.).—Giebel, 1857a, 269.—Jägers., 1909, v. 2 (3), 5, 10 (pars so. *Eustr. tubifex*, *E. elegans*), 17 (to *Eustrongylides*).—Lam., 1816, 204.—Linst., 1899c, 156 (to *Hystrix*).—Lundahl, 1848a, 286.—Nordm., 1840a, 650.—Oken, 1815a, 195 (in *Corvus caryocatactes*, *Colymbus septentrionalis*, C. minor).—Olfers, 1816a, 58.—Schneid., 1866a, 49, 126, 127 (to *Eustr.*).—Zed., 1803a, 92 (in C. c.).—Also reported for *Anas*, *Coracias garrula*.

pappillosus Jägers., 1909, v. 2 (3), 10 (for *papillosus*).

[*paradosso* Perronc., 1882a, 370, see *paradoxus*.]

paradoxis Francis, 1894a, 452 (misprint for *paradoxus*).

paradoxus Mehl., 1831a, 84 (in Schweine).—Anacker, 1892m, 584.—Bail., 1866b, 68, 169–170 (s. *elongatus* and suis).—Baird, 1853a, 13.—Barber, 1916, 33–34 (in pigs; Guam).—Bitting, 1896a, 168.—R. Bl., 1887e, 167; 1895, 755 (s. *apri*).—Block, 1891a, 277; 1892, v. 3, 524 (in swine).—Blumberg, 1884a, 154 (in Schweine; Kasan).—Braun, 1883a, 171; 1895b, 237; 1903a, 292; 1908a, 325; 1915a, 344.—Braun, J., 1910, 1–38.—B. G., 1904, v. 46, 401 (in *Sus scrofa*); 1906, v. 49, 355.—Brown, 1897a, 20, 23.—Brumpt, 1910a, 471; 1913a, 533.—Cagny & Gobert, 1904, 696, fig. 1661.—Campb. & Lacr., 1907, 73.—Cast. & Chalm., 1910a, 430.—Chatin, 1881i, 58–59; 1888b, 483–491 (in *Homo*); 1888c, 96–97; 1888d, 187.—Chaussat, 1849.—Cobbold, [1861e], 121; 1873c, 123; 1876f, 7; 1879b, 412.—Curtice, 1890c, 185.—Czako, 1886, 87.—Dav., 1877a, cxvii, 23, 27, 28, 35, fig. 64.—DZT v P, 1889, v. 15, 294.—Dewitz, 1892b, 146, 164–165, 167, 168, 170, figs. 125, 126.—Dies., 1851a, 317–318 (s. *Gord. pulmonalis apri*, *Asc. filif.*, *A. bronchiarum suis dom.*, *Fus. apri*, *Str. suis*, *S. elongatus*) (in *Sus scrofa dom.*; M. C. V.).—1861a, 722.—Dungl., 1893a, 1046.—Edelm., 1914a, 291.—Fiebiger, 1912a, 264.—Florida Health Notes, 1917, v. 12, 24.—Francis, 1894a, 452 (*paradoxis*) (in bronchi of pig).—Frøehner, 1915a, 738.—Geinitz, 1915, 618.—Galli-Val., 1898c, 8.—Gurlt, 1831a, 358, pl. 6, figs. 44–49.—Horstm., 1889a, 47–50 (development).—Hutcheon, 1891g, 16–17; 1897e, 135.—Hut. & Mar., 1906a, 54; 1910b, 69; 1913b, 74, 84, fig. 12 (in Hirsch, Haus- u. Wildschwein, Reh, Schaf).—Jägers., 1898a, 739.—Jensen, 1914, 36.—Kastenbaum, 1899, 249.—Kholodk., 1899a, 178.—Koch, 1883, 19, pl. 4; 1896a, 114–115 (in Schweine).—Lellm., 1897a, 196 (in liver, swine); 1897, CfB, v. 22, 619.—Leuck., 1863a, 749; 1868a, 403, 404, 405, 408; 1876a, 880; 1879b, 183; 1886d, 47, 143.—Linst., 1883a, 294; 1884, 132, pl. 8 fig. 13; 1886c, 19; 1896c, 17; 1903u, 269; 1906, 93; 1906, 390, 397, 398, 399.—Looss, 1892a, 64; 1901a, 56, 67; 1905c, 154 (case in man).—Malkmus, 1906, 603.—Martini, 1906a, 711; 1907, 38.—Mégn., 1877d, 61 (in wild boar).—Miram, 1840, 154.—Moniez, 1896a, 387–389.—Müehl., 1898b, 47.—Müell., 1890c, 68; 1901, 33–34; 1903a, 235–237 (frequency); 1903b, 243; 1904b(c), 113; 1905b, 54.—Nassonov (1899a), 61–86.—Nev.-Lem., 1902a, 105 (s. *apri*); 1908a, 457; 1912a, 686.—Nerner, 1881a, 4, fig. 6, a–b.—Olt, 1898a, 73–76 (in swine) (pathology).—Ostertag, 1890e, 17; 1899a, 425.—Packard, 1896a, 524.—Padrone,

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1904a, 493.—Par., 1894a, 233.—Poulton, 1880a, 33–35 (in S. s.).—Rail., 1890, 143; 1892, 31; 1893a, 432, fig. 290.—Rail. & Henry, 1907a, 751 (so. *Metastr. apri* and *M. brevivaginat*).—Robertson, 1905, 746.—v. Rzewuski, 1887a, 1–36, pls. 1–2 figs. 1–32.—Saunders, 1914, v. 14, 132, 136.—Schlegel, 1899, 144, 145, 150.—Schmidt, 1887a, 180–182.—Schneidem., 1896, 314, 318–319.—Schneid., 1866a, 129, 144, 234, 251, pl. 9 fig. 13.—Slater, 1905a, 302–304 (in S. s.).—Sl. & Sw., 1912a, 324.—Smith, A. J., 1908, 267 (in S. s.; Iowa).—Spem., 1895a, 301–317, pls. 19–21 figs. 1–20 (development); 1895b, 945–946; 1895, v. 12, 228; 1896a, 207–208.—Stadelm., 1891, 155, 159, 163, 167, 169; 1894a, 145.—Stiles, 1907b, 50.—Stiles & Hass., 1894e, 344 (in S. s.).—Stødter, 1901a, 14, 17, 20, 35, 38, 44, 46.—Stoss., 1899d, 89–91 (35–37) (in *Homo, Ovis aries*, S. s.; Europe).—Verrill, 1870, 179, 241.—Veterinarian, Lond., 1876, v. 49 (583), 477–478 (in pig).—Wandolleck, 1892a, 123–148, pl. 9 figs. 1–30; 1892b, 1046–1047; 1892c, 791 (embryology).—Ward, 1895a, 331 (in H.).; 337 (O. a.); 1903, 219 (so. *apri*).—Weichselbaum, 1898, 320.—Wheeler, 1891.—Willach, 1891, v. 17, 343.—Wucherer, 1869, 171.—Zool. Anz., 1895, 210.—Zürn, 1882, 254, 264, 265.—Also reported for *Dicotyles torquatus*.

paronai Stoss., 1902c(d; e), 68–69 (8–9), pl. 3 fig. 16 pl. 4 fig. 17 (in *Amphibolurus muricatus*; Australia).—Rail. & Henry, 1914, 677 to *Het.* (*Strongyluris*).

patens Duj., 1845a, 114–115 (in *Mustela vulg.*, *M. erminea*; Rennes).—Cobbold, 1879b, 299.—Dies., 1851a, 311 (in M. v., M. e.; R.).—Kowal., 1902d, 6, 24 (in *Putorius fetidus*; Dublany); 1904, 10 [25].—Linst., 1877a, 6–7, pl. 1 figs. 9–10.—Mol., 1861a, 510 (86) (in M. v., M. e.; R.).—Stoss., 1899d, 80 (26) (in M. v., M. e.; R.).—Also reported for *Fœtorius erminea*, F. vulg.

pectinatus Marotel, 1911, RgMv, 183 (in sheep) (nomen nudum except for host).

[*perforante* Perronc., 1882a, 376 (= *tubifex*, *papillosus*).]

pergracilis Cobbold, 1873d, 13, 16–17, 20, figs. 2, a–h; 1873e, 165, 167–172, figs. a–h (in Grouse; Eng.); 1879b, 439, 440, fig. 73; 1881, 187.—Crisp, 1874a, 283–286.—Klein, 1892a.—Shipley, 1908d, 9, 10 (to *Trichostr.*); 1911, 207, 208.

phyllostomatis M. C. V. in Mol., 1861a, 533 (109) (so. *Histiostr. coronatus*) (in *Phyllost. discolor*; Brazil).

pictus Crep., 1849a, 64 (*Syngamus trachealis* renamed).—Dies., 1861a, 717 (so. *Sclerost. syngamus*).—Mol., 1861a, 566 (142) (so. *Sy. primitivus*).—Stoss., 1899d, 98 (44) (so. *Sy. t.*).

pigmentatus Linst., 1904f, 8, pl. 1 figs. 12–13 (in *Lepus nigricollis*; Ranna, S. Province, Colombo Mus.).—Hall, 1916a, 128 (to *Trichostr.*).

pinguicola (Verrill, 1870) Magal., 1894e, 297 to (*Sclerest.*).—Heliemans, 1911, CIB, v. 57, 212–239, figs. 1–8 (Java, Sumatra).—Hut. & Mar., 1913a, 1049.—Ward, 1895a, 308 (to *Sci.*).

placei Place, 1893, VR, v. 5, 589 (in *Bos taurus*).—Gardener, 1911, JSEAC, 483 (in cattle, sheep, goats; Europe, U. S., Asia, Africa, Australia, N. Zealand, S. A.).—M'Fadyean, 1896b, 315–316 (in cattle).—Nev.-Lem., 1912a, 716.—Rail. & Henry, 1909a, 87 (so. *Trichostr. axei*).—Rans., 1911a, 50 (so. *Hæmonchus contortus* (in calf)).—Stødter, 1901a, 5, 83, 84 (in *Bos taurus*).

[*polmonare* Perronc., 1882a, 372, see *pulmonaris*.]

polygyrus Duj., 1845a, 116–117 (in *Arvicola arvalis*, *Mus sylvaticus*; Ing., probably France (?Rennes)).—Blgr., 1915, P, 152.—Cobbold, 1876f, 6.—Dies., 1851a, 312 (in *Lemmus arvalis*, M. s.).—Hall, 1916a, 150, 153, 158, 159, 160, 161, 162 (so. *Heligmosomum costellatum*); 1916b, 519.—Leuck., 1868a, 402, 443, fig. 201.—Linst., 1878b, 235, 236, fig. 21; 1879a, 180, pl. 12 fig. 26; 1882a, 5, pl. 1 figs. 5–6.—Par., 1907a, 2.—Seur., 1915, 172, 173, 174.—Stoss., 1899d, 88 (34) (in A. a., A. subterranea, A. campestris, M. s. *Myoxus nitela*; Rennes).—Wucherer, 1869, 171, 183.

primitivus (Mol., 1861) Hut. & Mar., 1910b, 82 (so. *Syngamus trachealis*).

probolurus Rail., 1896o, 540–542 (in intest. *Camelus dromedarius*; France).—Braun, 1908a, 327; 1915a, 346.—Brumpt, 1910a, 391; 1913a, 461.—Cast. & Chalm., 1910a, 432.—Looss, 1905o, 409, 412, 420, 422, pl. 2 figs. 9–11 (to *Trichostr.*).—Nev.-Lem., 1908a, 458; 1912a, 716.—Rans., 1907, 1; 1911a, 90 (to *Trichostr.*).—Sl. & Sw., 1912a, 327.

pulmonalis Ward, 1895a, 335 (in *Bos taurus*) (misprint for *pulmonaris*).—Craig, 1915, 503 (treatment).—Hut. & Mar., 1906a, 54; 1910b, 70.

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- pulmonalis apri* Jekkmann, 1895a, 1-32, figs. 1-23 (s. paradoxus) (in Schwein) (quotes Ebel); 1896a, 208-209.
- pulmonaris* Erc., 1859a, 317-318, figs. 65, g-f (in bronchi, Bos taurus; by Erc.).—Campb. & Lacr., 1907, 72.—Craig, 1915, 503 (treatment).—Geddelst, 1911a, 120 (in ox, sheep).—Par., 1894a, 233.—Perronc., 1882a, 372.—Rail., 1893a, 431.—Sl. & Sw., 1912a, 519.—Stoss., 1899d, 84-85 (30-31) (in B. t. Ovis aries; Canvese).—Vauil., 1901, 127.
- punctatus* Linst. in Schnyder, 1907d, 708-709 (s. sp. Schnyder, 1906, pl. 1 figs. 2-8) (in Bos taurus; Horgen, Switz.).—Rans., 1911a, 74 (to Cooperia).
- purpureus* Crep., 1849a, 69 (in Larus fuscus seu flavipes; by Jäckel).
- pusillus* Rud., 1803a, 19 (in Lacerta agilis; by Rud.); 1809a, 224, 247.
- pusillus* Müell., 1890c, 63-67, pl. 1 figs. 11-18 (in lung, Felis catus dom.; Munich).—Cagny & Gobert, 1904a, 696.—Fiebiger, 1912, 265.—Galli-Val., 1901c, 361 (in cat); 1908, 610 (in cat: Milan).—Hut. & Mar., 1906a, 54, 57, 60; 1910b, 70, 75, 78; 1913b, 75 (in Hauskatze).—Mazzarelli, 1903a, 297-302, 1 fig (in cat).—Nev.-Lem., 1912a, 700.—Rail., 1893a, 436; 1898, 173 (renamed abstrusus).—Sl. & Sw., 1912a, 519.—Stiles & Hass., 1894e, 344 (in Felis dom.).—Stoss., 1899d, 78 (24) (in Felis dom.).—Vauil., 1901, 127.
- quadridentatus* Sieb., 1851 (4), 45 (duodenale [q. v.] renamed).—R. Bl., 1888a, 744.—Braun, 1903a, 294; 1908a, 330; 1915a, 352.—Brumpt, 1910a, 365; 1913a, 428.—Cobbold, 1864b, 361; 1866, 5.—Dies., 1861a, 716.—Fagge & Pye-Smith, 1902a, 466.—Huber, 1896a, 597.—Hughes, 1896a, 167.—Küech., 1855a, 298; 1857, 364.—Leuck., 1863a, 97; 1868a, 410, 419.—Looss, 1905a, 18.—Mol., 1861a, 486 (62).—Rail., 1893a, 465.—Simon, 1897, 226.—Sl. & Sw., 1912a, 332.—Stiles, 1902hh, 192; 1903k, 21.—Tyson, 1903a, 1193.—Ward, 1895a, 311, 331 (in Homo); 1903, 221.—White, 1867, 427.
- quadriradiatus* Stev., 1904c, 1-6, figs. 1-10 (in Columba livia dom.; Wash., D. C.).—Fröhner, 1915a, 251.—Geddelst, 1911a, 120 (in pigeon).—Nev.-Lem., 1912a, 718.—Shipley, 1909t, 65; 1911, 208.
- radiatus* Rud., 1803, ex parte, emend Schneid., 1866a, 139, non Gurlt (in Bos taurus).—Rail., 1900e, 106 (so. Monodontus sp.).
- radiatus* Rud., 1803a, 13-15 (in Bos taurus; by Rud.); 1805, 37; 1809a, 220-221, 245; 1819a, 33 (in B. t.; Greifsw.).—Bail., 1866b, 62, 68.—Cobbold, 1873c, 65; 1879b, 346.—Dav., 1877a, cxvi, 235.—Dies., 1851a, 309 (in B. t. dom.; Greifsw.).—Duj., 1845a, 125-126 (s. venulosus Rud., 1819, 33) (in Antelope rupicapra, Cervus capreolus, C. elaphus; Rennes).—Fiebiger, 1912a, 290.—Gurlt, 1831a, 362, pl. 7 figs. 35-39.—Linst., 1906, 92.—Looss, 1911, 328.—Mol., 1861a, 525-526 (101-102) (in B. t.; G.).—Olfers, 1816a, 60.—Rail., 1893a, 475 (to Unc.); 1900, v. 15, 85, 86, 87 (not trigonoc.), 90 (of Schneid.), 102, 103, 104, 105 (of Rud.) (to Oesophagost.), 106 (of Duj. pars (so. Oes. venulosum); 1902b, 108 (of Schneid., 1866, not Gurlt, 1831) (so. Bunost. phlebotomum).—Rans., 1911a, 31, 44, 46, 77 (to Oes.) (so. Monodontus phlebotomus, Oes. venulosum, Cooperia oncophora).—Schneidem., 1896, 316.—Schneid., 1866a, 128, 132, 137 (Rud.'s original specimens of trigonoc.), 139, 141 (so. inflatus), 142, 144 (pars so. ventricosus).—Seiler, 1902, 32.—Stødter, 1901a, 75 (of Schneid.) (so. M. ph.), 87 (pars of Duj.) (so. Oes. venulosum).—Stoss., 1899d, 124 (70) (to Unc.).—Verrill, 1870, 66, 131; 1870, 177, 242.—Ward, 1895a, 335 (in B. t.).—Züern, 1882, 263.
- [raggiato Perronc., 1882a, 365.]
- rectus* Linst., 1906, v. 1 (3), 254, pl. 17 fig. 14 (in Dolichotis patagonica; Zool. Mus. Königsb.).—Lane, 1914, July, 391 (in D. p.).—Rail. & Henry, 1909a, 86 (so. Graphidium affine).
- rectus* (Linst., 1907) Geddelst, 1911, 123 (in elephant; Africa).
- renalis* (Göze, 1782) Moq.-Tand., 1860a, 329.—Aitken, 1866, 805 (so. Eustr. gigas).—R. Bl., 1888a, 727 (so. E. g.).—Braun, 1903a, 290; 1908a, 324; 1915a, 329.—Brumpt, 1910a, 472; 1913a, 534.—Cast. & Chalm., 1910a, 429; 1913a, 562.—Neum. & Mayer, 1914a, 445.—Nev.-Lem., 1902a, 103; 1908a, 455; 1912a, 775.—Ward, 1895a, 302 (so. Diocetophyme gigas), 331 (in Homo), 335 (in Bos taurus), 340 (in Equus cab.), 343 (in Canis fam.); 1903, 220 (to D.).
- retortiformis* Zed., 1800a, 73 (in Lepus), 75-77 (in Haasen; Europe), pl. 4 fig. B; 1803a, 91.—Anacker, 1893i, 345.—Bail., 1866b, 71.—Bellingh., 1844a, 103 (Ireland).—Blainv., 1828a, 543.—R. Bl., 1901a, 232.—Brems., 1811a, 25

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retortæformis—continued.

- (in *L. cuniculus* fer.).—Christiansen, 1916, 147.—Cobbold, 1879b, 319; 1881, 185.—Crisp, 1868a, 459, 460 (*retortiformis*).—Dies., 1851a, 309–310 (in *Lepus timidus*; Rennes).—Duj., 1845a, 119–120, pl. 4 fig. B (in *L. timidus*).—Eberth, 1863a, 66, 68, 71, pl. 8 fig. 11.—Fiebiger, 1912a, 274, 275.—Frœhner, 1908, v. 16, 661; 1915a, 251.—Gardener, 1911, JSEAC, 485 (in cattle, sheep; U. S., Australia, Europe).—Gieb., 1857a, 269.—Garin, 1913, 89–98, 148.—Hall, 1916a, 125, 139 (to *Trichostr.*).—Hut. & Mar., 1910b, 69, 475, 477; 1913b, 475 to (*Trichostr.*).—Julien, 1897e, 547.—Linst., 1876a, 3.—Looss, 1905o, 410, 412, 413, 418 (of von Yung not *retortæf.*), 419, 421 (of *Stœdter* in *Capra hircus* may be *Trichostr. vitrinus*), 422 (in hares).—Mehl., 1831a, 85, pl. 2 fig. 10.—Meyer, 1896b, 72.—Mol., 1861a, 510–511 (86–87) (in *L. timidus*; R.).—Muëll., 1897, 14, pl. 2 fig. 4.—Nevermann, 1908b, in 1–120; 1908, BtW, 736; 1908, DtW, v. 16 (46), 661.—Nœrner, 1881, 4, fig. 4.—Olfers, 1816a, 65.—Ostertag, 1899a, 420.—Rail., 1888i, 211, 214; 1889r, 375–377; 1890, Apr. 20, No. 8; 1892, 196, 197; 1893, 2ed, 447, fig. 306; 1898, 174; 1898, 254.—Rans., 1907, 1; 1911a, 88, 94 (so. *Trichostr. instabilis*, *Tr. extenuatus*).—Rud., 1802a, 40–41; 1809a, 229–230 (in *L. t.*, *L. cuniculus*); 1819a, 34, 264, pl. 4 figs. 5–9 (in *L. t.*; by Treutler, Europe).—Schneid., 1866a, 131, 143, 144, fig. (in *L. t.*).—Schnyder, 1906, 165, 178, 181, 182, 183, 184, 186, 187, 190, 192, 193, 195, 196, 198, 199, 201, 204, 205, 207, 242, 245, 246, 249, 251, 259, 263, 264, pl. 1 fig. 1; 1906, 10, 22, 23, 26, 27, 28, 29, 31, 32, 35, 37, 38, 40, 41, 43, 44, 46, 49, 50, 52, 55, 56, 57, 58, 60, 62, 70, 74, 75, pl. 1 fig. 1 (in *B. t.*); 1907, 708, 709.—Simon, 1908, v. 6 (2), 28; 1908, 733.—Smith, 1906, 650.—Stœdter, 1901a, 69, 75, 76, 77, 78, 79, 80, 81, 82, 84, 85, 92, 95, 96, pl. 11 figs. 6–8, pl. 12 figs. 1–12.—Stoss., 1899d, 75–76 (21–22) (in *L. c.*, *L. t.*; Europe).—Yung, 1895a, 199–200; 1896a, 413–414; 1896b, 280; 1896c, 189; 1896d, 480; 1896e, 301–312, figs. 1–10.
- retortæformis* Brems., 1811a, 25 (in *Lepus cuniculus* fer.); 1824c, pl. 4 figs. 5–9.—Dies., 1851a, 310 (so. *strigosus*).—Duj., 1845a, 120 (so. s.).—Rail., 1893a, 445 (so. s.).
- retortæformis major* Rud., 1819a, 34, 264 (in *Lepus timidus*; by Treutler; Europe).—Dies., 1851a, 315 (renamed *commutatus*).—Hall, 1916a, 163 (so. *Synthetocaulus pulmonalis*).
- retortæformis minor* Rud., 1819a, 34, 264 (in *Lepus cuniculus*, *L. timidus*; by Zed., Braun).—Bellingh., 1844a, 103.—Dies., 1851a, 310 (so. *retortæf.*).—Duj., 1845a, 119, pl. 4 fig. B.—Mehl., 1831, 85, pl. 2 fig. 10.
- retortiformis* Crisp, 1868a, 459–460 (in stom. wild rabbits) (for *retortæf.*).
- rubidus* Hass. & Stiles, 1892a, 207–209, figs. 1–3 (in *Sus scrofa* dom.); Wash., D. C.); 1892b, 1–4, 3 figs.—Fiebiger, 1912a, 273.—Frœhner, 1915a, 251.—Gedœlst, 1911a, 120 (in hog; America).—Hut. & Mar., 1906a, 381; 1910b, 479; 1913b, 477.—Julien, 1898a, 87.—Nev.-Lem., 1912a, 717.—Opperm., 1905a, 469–472, figs. 1–5; 1905b, 850 (in *S. s.*; Germany); 1905c, 781–782; 1906a, 37–38; 1906b, 205–206; 1906c, 210–211; 1906d, 191–192; 1906e, 71; 1906f, 62–64.—Rail., 1893a, 444.—Sl. & Sw., 1912a, 378.—Stiles & Hass., 1894e, 344 (in *S. s. d.*).—Stœdter, 1901a, 39.—Stoss., 1899d, 79 (25) (in *S. s.*), 480; 1896e, 301–312, pl. 11 figs. 1–10.
- rufescens* Leuck., 1865a, 227 (in lungs, *Ovis aries*); 1867b, 106 (in sheep; Germany); 1868a, 403; 1879a, 61, 183; 1886d, 47, 143.—Anacker, 1893i, 345.—Armatage, 1895, 411 [445].—Barron, 1896a, 33–37.—Braun & Lûhe, 1909a, 151.—Brown, 1897a, 21, 23, 28, 30–35, 37, fig. 11.—Cagny & Gobert, 1904a, 695, figs. 1658–1659.—Campb. & Lacr., 1907, 73.—Cobbold, 1873c, 77; 1875o, 891; 1876f, 7; 1879b, 335, 336.—Colin, 1866b, in 874–884.—Curtice, 1890c, 17.—Dewitz, 1892b, 167.—Dykes & M'Fadyean, 1888a, 139–146 (in *O. a.*).—Ebertz, 1888a, 111.—Fiebiger, 1912a, 263.—Galli-Val., 1896, v. 7; 1901c, 361 (in *O. a.*); 1903i, 90; 1907, 224–225.—Gardener, 1911, JSEAC, 488.—Hall, 1916a, 166 (to *Synthetocaulus*).—Hut. & Mar., 1906a, 53; 1910b, 69; 1913b, 74–75 (in Gemse, Kaninchen, Reh, Schaf, Ziege).—Julien, 1897e, 529.—Kastenbaum, 1899, 249.—Koch, 1883a, 24, pl. 6.—M'Fadyean, 1897a, 42, 45; 1897c, 51, 53 (in *O. a.*; Eng.); 1898c, 255.—Mingazzini, 1900d, 140, fig. 3.—Nev.-Lem., 1912, 696.—Rail., 1884, v. 2, 157–161 (verminous pneumonia, France); 1888b, 98–99 (in chevreuil; France), 99–101 (in *O. a.*; Algeria); 1889, 136, 175; 1893a, 427 (s. *Nematoideum ovis* (pulmonale), minutissimus).—Rail. & Henry, 1907a, 753 (to *Synthet.*).—Seur., 1913, 83.—Schlegel, 1899,

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- rufescens*—continued.
140, 141, 142.—Sl. & Sw., 1912a, 519.—Stewart, 1900, 3-5 (treatment).—Stoss., 1899d, 91 (37) (in *Cervus capreolus*, *Capra hircus*, O. a.).—Taylor, 1887, 492.—Theobald, 1905, 41-42.—Vaull., 1901, 127.—Ward, 1895a, 305, fig. 63, 337 (in O. a.).—Wing, 1898a, 167, 168-169.—Wucherer, 1869, 171.—Yung, 1895, v. 31, in 119-220.
- sagittatus* Müell., A., 1890c, 58-62, pl. 1 figs. 1-10 (in lungs, *Cervus elaphus*; Austria).—Fiebiger, 1912a, 263.—Hut. & Mar., 1910b, 70.—Rail. & Henry, 1907, 753 (to Synthet.).
- sedecimradiatus* Linst., 1899b, 19, fig. 77 (in *Cavia paca*; Ypanema, Brazil).—Hall, 1916a, 144, 145-146, fig. 192 (in *Cuniculus paca*; Brazil).—Trav., 1914, Bm, 326 (6) (*sedecimradiatus*).
- serratus* Linst., 1876a, 3-4, figs. 4-5 (in cecum, *Anser dom.*; Ing.).—Rail., 1893a, 448 (so. *tenuis*).—Stoss., 1899d, 87 (33) (so. t.).
- simix-belzebul* M. C. V. in Mol., 1861a, 475 (51) (so. *Diploodon quadridentatum*) (in *Mycetes coraya*; Cajaba).
- simix-capucinx* M. C. V. in Mol. 1861a, 502 (78) (so. *torulosus*).
- simix-sabæx* M. C. V. in Mol., 1861a, 450 (26) (so. *Oesophagost. pachyc.*).
- simplex* Leidy, 1856b, 54 (in intest., *Hystrix dorsata*; Ing. [U. S. A.]); 1904a, 100.—Dies., 1861a, 721 (in H. d.; Phila.).—Hall, 1916a, 144, 145 (in *Erethizon dorsatum*).—Mol., 1861a, 512 (88) (in H. d.).—Stiles & Hass., 1894e, 344 (in H. d.).—Stoss., 1899d, 130-131 (76-77) (in H. s.; Phila.).
- spathiger* Rail., 1896m, 490 (in intest., *Camelus dromedarius*; Alfort).—Hall, 1916a, 133 (to *Nematodirus*).—Rans., 1911a, 85 (to N.).
- species* Brems., 1811a, 13, 25 (in *Ovis ammon*) (see *ammonis*).
- species* Buxton, 1914, v. 70, 89-94, figs. 1-5 (in goat).
- species* Dubler, 1892a, 78 (in panther; Zool. Gard., Switz.).
- species* Harker, 1893, v. 6 (4), 94-97, figs. 1-5 (in abomasum, *Bos taurus*; Gloucestershire).—Gardener, 1911, JSEAC, 484 (in cattle; Europe, U. S., New Zealand) (so. *ostertagi*).—Rans., 1911a, 56 (so. *Ostertagia ostertagi*).—Støedter, 1901a, 5, 72, 74, 91 (named *harkeri*) (in B. t.; Gloucestershire).
- species* Jowett, 1910, v. 36 (1), 60-63, figs. 1-6, to (Sclerost.) (in ostrich).
- species* Linst., 1883a, 295-296, fig. 31 (host unknown; Turkestan).
- species* Linst., 1908, v. 13, 27 (in *Xerus capensis*; Africa).
- species* Lutz, 1894a, 65 (in intest., *Mus [a rat]*; Brazil).—Hall, 1916a, 144, 145 (in *Epimys norvegicus*; B.).
- species* Marotel, 1912, v. 19, 207-208.
- species* (Morgan, 1868) Hall, 1916a, 109 (in *Castor fiber*; Mich. ?).
- species* Müell., 1787a, 55 (refers to Goeze, 106, pl. 3 figs. 1-4 [Asc. *criniformis*]).
- species* Nonévitch, 1913, [VOv, 15 Dec.] (Équidés).
- species* Norris, 1904, v. 5, 48-57, 11 figs. (in cattle).
- species* Par., 1894a, 233 (in *Canis fam.*; at Pisa, by Civinini).
- species* Rail. in Julien, 1898a, 85 (so. *circumcinctus=cervicornis*) (in *Ovis aries*).
- species* Rud., 1803a, 19-20 (in lungs, *Anguis fragilis*; by Rud.).
- species* Schnyder, 1906, 27, 28, 31, 33, 38, 39, 40, 41, 44, 49, 56, 60, 70, 75, pl. 1 figs. 2-3 (in *Bos taurus*; Horgen); 1906, 181, pl. 1 figs. 2, 3 (in B. t.; Horgen), 191; 1907d, 708-709 (so. *punctatus*).—Rans., 1911a, 74.
- species* Sieb., 1837a, 68 (in *Larus fuscus*; Coll. Sieb.).—Crep., 1851b, 289.—Rans., 1904a, 43 (so. *Syngamus lari*).
- species* Støedter, 1901a, 74, 91.
- species* Trasbot, 1898a, 327-329.
- spiculatus* Cobbold, [1861e], 123, pl. 20 figs. 7-8 (s. Asc. *strongylina*) (in intest., *Tinamus sp.*; Lond. Zool. Gard.) (also in *T. tataupa*, *Perdix dentata*; Brazil, by Natterer); 1879b, 447 (in *Tinamus*; by Cobbold) (s. A. st.).
- spinulosus* Linst., 1879b, 331-332, pl. 5 fig. 17 to (? *Eucyathost.*) (in *Capra ibex*; Ing.).—Rans., 1911a, 40 ? to (*Eucy.*) (in C. i.).—Stoss., 1899d, 111 (57) (to Sclerost.).
- spirillum* Trav., 1917, 100 (in *Mus decumanus*).

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- spirogyrus* Leuck., 1867b, 137, 140 (in Waldmaus; Germany).—Hall, 1916a, 158, 160 (so. *Viannia polygyra*).—Linst., 1878a, 23 (in *Mus sylvaticus*).—Stoss., 1899d, 131 (77) (in M. S.).
- stercoralis* (Bavay, 1876) A., K., & G., 1904, Dec. 1, 34 (lapsus for Strongyloides).
- striatus* Zed., 1800a, 74, 83–85 (in *Erynaceus europæus*; by Zed.); 1803a, 92.—Baird, 1853a, 12.—Cobbold, 1876f, 7; 1879b, 295.—Dies., 1851a, 308 (in E. e.; M. C. V.).—Duj., 1845a, 112 (in E. e.).—Eberth, 1862c, 394–396 (1–3), pl. 32, 8 figs; 1863a, 64, 65, 66, 67, 68, 70, 71, pl. 8 fig. 1, pl. 9 figs. 4, 11.—Galeb, 1878b, 350.—Leuck., 1868a, 403.—Mol., 1861a, 441 (17) (to *Crenosoma*).—Olfers, 1816a, 60.—Rail., 1888i, 210.—Rud., 1802a, 41–42, 43; 1809a, 225–226, 233, 238, 250 (in E. e.); 1810a, 256; 1819a, 34 (in E. e.; Greifsw.).—Schneid., 1866a, 129, 131, 145, 213, 251, 269.—Stadelm., 1891, 169.—Stoss., 1899d, 66 (12) (to C.).—Wucherer, 1869, 171.
- [*strigosus* Perronc., 1882a, 369, see *strigosus*.]
- strigosus* Duj., 1845a, 120–121 (s. *retortæf.* of Brems. *Icones* pl. 4 figs. 5–9) (in *Lepus cuniculus fer.*; Paris, Wien).—Abspøel, 1912, v. 61 (11), 614–616.—Am. Vet. Rev., 1886, v. 10, 230 (in rabbit).—Bail., 1866b, 71.—Bellingh., 1844a (Ireland).—R. Bl., 1901a, 232.—Cagny & Gobert, 1904a, 696.—Cobbold, 1879b, 319.—Dies., 1851a, 310 (in L. c. fer.; M. C. V.).—Fiebiger, 1912a, 274, fig. 186.—Fröhner, 1915a, 242.—Galli-Val., 1901c, 361 (in lapin).—Garin, 1913, 89–98, 148, figs. 31–33.—Hall, 1916a, 139 (to *Graphidium*).—Hut. & Mar., 1913b, 478.—Linst., 1896b, 17 (pernicious anemia in rabbit and hare).—Mégny, 1892f, 198–199; 1895c, 174–175, fig. E.—Meyer, 1896b, 72.—Mol., 1861a, 517–520 (93–96) (in L. c. f.; M. C. V.).—Neum., 1892, 373.—Nev.-Lem., 1912a, 711.—Ostertag, 1899a, 422.—Rail., 1888i, 210–214 (s. *blasii*) (in L. c. f.); 1889r, 375–377 (development); 1890, Apr. 20, No. 8, 1892, 196, 197; 1893a, 445, figs. 304–305.—Rail. & Henry, 1909a, 86 (to G.).—Schneidem., 1896a, 319.—Shipley, 1911, 212.—Stødter, 1901a, 80–81.—Stoss., 1899d, 84 (30) (in *L. timidus*, L. c.; Europe).—Zsch., 1914, v. 58, 94.
- strigulosus* Vaull., 1901, v. 4, 133 (misprint for *strigosus*).
- strigosus* Julien, 1897e, 547 (misprint for *strigosus*).
- subauricularis* Rud., 1819a, 649 (in intest., *Rana musica*; Brazil).—Dies., 1851a, 314–315 (in *Dicodophryne agua*, R. m.; B.).—Duj., 1845a, 133 (in R. m.; B.).—Schneid., 1866a, 147 (so. *auricularis*).—Stoss., 1899d, 81 (27) (so. a.).
- subtilis* Looss, 1895b, 161–169, pl. 1 figs. 1–8 (in *Homo*; Egypt); 1895, 633–634; 1896f, 273; 1896g, 659; 1896h, 864–865; 1901a, 56, 103; 1905c, 134, 192–193, fig. 45; 1905o, 409 (in *Ovis laticauda*, O. aries), 410, 412, 418 (to *Trichostr.*), 422 (so. *T. instabilis*); 1911a, 216, 317, 1914, 511.—R. Bl., 1896b, 810.—Braun, 1903a, 293; 1906a, 326; 1908a, 326; 1915a, 346.—Brumpt, 1910a, 389; 1913a, 459.—Cast. & Chalm., 1910a, 431.—Daniels, 1910a, 129; 1914a, 141.—Daniels & Stanton, 1907a, 344.—Delafield & Prudden, 1897, 137.—Huber, 1898a, 6.—Ijima, 1896a, 155–161 (Japan); 1896b, 155–161.—Jägers., 1897b, 19.—Jimbo, 1914, CfB, 53.—Mans., 1903e, 663; 1904, 663; 1907, 734, figs. 140–142.—Martin & McKiltrick, 1917, 382, fig. 22.—Neum. & Mayer, 1914a, v. 11, 443.—Nev.-Lem., 1904a, 97, 107, 109; 1906a, 272, 273, figs.; 1908a, 458; 1912a, 716.—Rans., 1911a, (127), 88 (so. *T. i.*); 1916, 295; 1917, TASTM, 80, 81.—Sl. & Sw., 1912a, 326.—Stødter, 1901a, 80.—Stiles, 1902t, 41–42, pl. 5 figs. 14–21 (in H.); 1903r, 43; 1914, MM, v. 2, 294.—Stoss., 1899d, 79 (25) (in H.; E.).—Verdun, 1907, 383 (to T.).—Ward, 1919, fig. 3557; 1903d (e), 704.—Wellman, 1914, 798.—Also reported for Egyptian camel.
- subulatus* (Leisering, 1865) Cobbold, 1873c, 92 (in dog); 1879b, 304.—Deffke, 1889a, 121 (so. *vasorum*).—Hut. & Mar., 1913a, 935.—Rail., 1889, 131; 1893a, 552.—Ward, 1895a, 343 (in *Canis fam.*).
- subventricosus* Schneid., 1866a, 129, 145, 251 (in *Rana cornuta*; Brazil).—Stoss., 1899d, 131 (77) (in R. c.; B.).
- suis* Rud., 1809a, 246–247 (s. *Gord. pulmonalis apri*, *Asc. apri*, A. filif. cauda rotundata, A. bronchiorum suis) (in bronchis, *Aper*, *Sus dom.*); 1819a, 36, 266 (in S. d.; *Mus. Venice*).—Bail., 1866b, 68, 69 (cf. *elongatus* and *paradoxus*).—Bellingh., 1844a, 104.—Braun, 1903a, 292; 1908a, 325; 1915a, 344.—Brumpt, 1910a, 471; 1913a, 533.—Cast. & Chalm., 1910a, 430.—Chaussat, 1819, v. 4, 493.—Dies., 1851a, 317–318 (so. pa.).—Krefft, 1871a, 212.—Linst., 1906, 93.—Rail., 1893a, 432 (so. pa.).—Schneid., 1866a, 144 (so. pa.).—Sl. & Sw., 1912a, 324, 401.—Stoss., 1899d, 90 (36) (so. pa.).—Ward, 1895a, 331 (in *Homo*), 337 (in *Ovis aries*); 1903, 219 (so. apri).

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- suis-tajassu* M. C. V. in Mol., 1861a, 469 (45) (so. *Monodontus semicircularis*).
syngamus Anacker, 1887c, 512 (*Syngamus trachealis* renamed); 1890i, 458.—Schneidem., 1896a, 319.
tardæ Rud., 1809a, 241-242 (in intest., *Otis tarda*; by Rud.); 1810a, 375; 1819a, 37 (in O. t.; Greifsw.).—Dies., 1851a, 320-321 (in O. t.; G.).—Duj., 1845a, 129.—Mol., 1861a, 528 (104) (in O. t.).—Stoss., 1899d, 131 (77) (in O. t.; G.).
tenuis Mehl. in Crep., 1846a, 133 (in cœcum, *Phasianus colchicus*; by Mehl.), 134 (in *Otis tarda*), 144 (in *Anser cinereus*).—Anacker, 1890i, 458.—Eberth, 1861a, 47-53, pl. 4 figs. 1-10 (in *Ans. cin.*, Hausgans; by Eberth); 1863a, 54, 64, 66, 70, 71.—Fiebiger, 1912a, 275.—Gedœlst, 1903a, 53.—Geinitz, 1915, 618.—Hut. & Mar., 1906a, 407; 1910b, 515; 1913b, 516 to (*Trichostr.*).—Kowal., 1902d, 25 (7) (in *Anser dom.*; Dublany).—Linst., 1909, 61, fig. 30 (in *Anas boschas*, *Anser anser*).—Nev.-Lem., 1912a, 718.—Rail., 1892, 197; 1893a, 448, fig. 309 (*s. serratus*).—Schneidem., 1896a, 319.—Shipley, 1911, 209 (of Eberth, is a *Trichostr.*).—Stoss., 1899d, 87 (33) (in *Anser dom.*, *Anas dom.*, *Gallus dom.*, *Perdix cinerea*; France, Wûrzberg).
tenuissimus Mazzanti, 1891b, 187-188 (in horse; by Mazzanti).—Dolley, 1894a, 1012 (*s. minusculus*).—Fiebiger, 1912a, 274.—Hut. & Mar., 1906a, 378; 1910b, 474; 1913b, 472.—Neum., 1892, 346.—Nev.-Lem., 1912a, 716.—Rail. & Henry, 1909a, 87 (so. *Trichostr. retortæf.*).—Sl. & Sw., 1912a, 376, 377.—Stœdter, 1901a, 61 (in *Equus cab.*), 94.—Stoss., 1899d, 77 (23) (so. *axei*).—Ward, 1895a, 340 (so. *ax.*) (in E. c.).
tetracanthus Mehl., 1831a, 79 (in *Equus cab.*; Germany).—Adams, 1876, 764; 1887, 315, 319, 320.—Am. Vet. Rev., N. Y., 1898, v. 22, 336-337 (perforation).—Baird, 1853a, 13.—Bochberg, 1909, 272, 273.—Butler, 1890a, 483-491 (in E. c.); 1890b, 276-285.—Cobbold, 1873c, 111; 1874n, 218; 1874p, 405, 410; 1875e, 237-246 (in E. c.); 1876c, 839 (in mule; Port Louis); 1876f, 6; 1876t, 756; 1878b, 85; 1879b, 362, 374, 376, figs. 63-64; 1879h, 761-776; 1886d, in 284-293, pl. 36, figs. 10-14; 1887a, 211-212.—Davis, 1916, VN, v. 13, 125-126.—Deupser, 1894a, 20.—Dies., 1851a, 305 (to *Sclerost.*).—Ditewig, 1895a, 261-267.—Dunstan, 1897a, 429-434, 434-436; 1897, Vet., v. 70, 666-675.—Erc., 1875e, 35.—Frœhner, 1915a, 244.—Gurlt, 1831a, 355-356, pl. 6 figs. 23-32.—Hut. & Mar., 1906a, 405; 1910b, 509; 1913b, 509.—King, 1894a, 175-176 (in horse); 1917, VR, v. 29, 397-399; 1917, VN, v. 14, 137-139.—Küech., 1855a, 298, 300; 1857, 384, 385.—Leiper, 1917, VN, v. 14, 138.—Leuck., 1868a, 414 to (*Scl.*); 1879a, 15; 1886d, 11.—Linst., 1904, 9 (to *Cylichnost.*).—Looss, 1900c, 151, 152, 153; 1901a, 31, 32, 35, 38, 47, 89, 86, 88, 99, 100, 100, 101, 117, 118, 119, 120, 121, 122, 123.—Mol., 1861a, 454 (30) (to *Cyathost.*).—Müell., 1849a, 185-188.—Nighbert, 1899a, 773 (fatal).—Pauer, 1896a, 103; 1896b, 656.—Peele, 1902a, 100; 1902b, 182-183.—Penberthy, 1894a, 175-177.—Rail., 1893a, 461 (to *Scl.*).—Savournin, 1889a, 831-835.—Schneidem., 1896a, 315.—Schneid., 1866a, 18, 127, 128, 131, 132, 134, 196, 218, 313, pl. 8 figs. 7, 8, pl. 16 figs. 4, 13.—Shipley, A. 1896a (1901b), 163.—Shipley, W. 1896a, 64-68.—Sieb., 1839, 159.—Sloccock, 1886a, 326-327.—Stadelm., 1891, 166.—Stoss., 1899d, 111 (57) (to *Scl.*); 1902, 13.—Veterinarian, Lond., 1874, v. 47, 314; 1901a, 638-639.—Ward, 1895a, 340 (in E. c.).—Wedl, 1850, 23.—Wilkie, 1896a, 18-21; 1901a, 638-639 (treatment).—Wooldridge, 1916, V News, v. 13, 125, 126 (treatment).—Züern, 1882, 261.
tetragonocephalus Rud., 1809a, 232-234 (*Unc. vulpis* renamed) (in intest., *Canis vulpes*; Germany); 1819a, 35 (in C. v.; Europe), 265-266.—Bellingh., 1844a, 104.—Dies., 1851a, 300 (so. *Doch. trigonoc.*).—Duj., 1845a, 277 (so. D. t.).—Fischer, 1840a, 154.—Looss, 1902c, 422, 423 (as doubtful so. *Unc. vulpis*).—Mol., 1861a, 476 (52), 491 (67), (so. D. t.).—Olfers, 1816a, 60.—Par. & Grassi, 1877b, 193 (so. D. t.).—Rail., 1893a, 470 (so. *Unc. trigonoc.*); 1900d, 87 (so. U. vulpis) (Treutler's specimens from colon of fox reexamined by Rail., who identified them as *Unc. stenoc.*), 89, 90, 93 (of Rud. unidentifiable, of Treutler=*Unc. s.*).—Schneid., 1866a, 137 (so. *trigonoc.*), 138.—Stoss., 1898, 87; 1899d, 121 (so. U. s.).—Ward, 1895a, 343 (so. *Unc. trigonoc.*) (in *Canis fam.*).
tigridis Rud., 1809a, 194, 243 (in *Tigris*; by Duhalde); 1819a, 28.—Mol., 1860b, 974 (to *Spiropt.*).

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- tipula* Ben., 1873b, 11-13, pl. 2 (in *Vespertilio daubentonii*, *V. murinus*, *V. noctula*; Belgium); 1873c, 310-312.—R. Bl., 1891t, 485.—Cobbold, 1879b, 294.—Linst., 1909, 61, fig. 31 (in *V. d.*, *V. dasyncema*).—Stoss., 1899d, 83 (29) (in *V. dasy.*, *V. daub.*, *V. m.*, *V. n.*; B.).
- torulus* Mol., 1861a, 502-503 (78-79), pl. 4 figs. 1-2 (in *Cebus capucinus*; M. C. V.).—Smidt, 1906, 650.—Stoss., 1899d, 78-79 (24-25) (in C. c.).
- trachealis* (Sieb., 1836) Nathusius, 1837a, 60-65 (in *Ciconia nigra*).—Baird, 1853a, 3 (to Syngamus).—Bellingh., 1844a, 104; 1875, 175.—Ben., 1868a, 296.—Crep., 1846a, 131; 1849a, 64.—Dies., 1851a, 302 (of Bellingh.) (so. *Sclerost. syngamus*), 303 (of Nathusius, to Scl.); 1861a, 717 (so. *S. s.*).—Duj., 1845a, 261 (to Syn.).—Fischer, 1840a, 154 (s. *Dist. lineare*).—Hass., 1896a, 6 (to Syn.); 1896b, 2 (to Syn.).—Hut. & Mar., 1910b, 82.—Leuck., 1863a, 100.—Nev.-Lem., 1912a, 745.—Rail., 1893a, 453 (to Syn.).—Sieb., 1850, 653.—Stoss., 1899d, 98 (44) (to Syn.).—Also reported for *Corvus cornix*.
- [*tracheale* Perronc., 1882a, 372, see *trachealis*.]
- trifurcatus* [(? Rans., 1907)] Marotel, 1911, RgM, 183 (in sheep) (nomen nudum except for habitat).
- [*trigonocephalo* Perronc., 1882a, 365, see *trigonocephalus*.]
- trigonocephalus* Rud., 1805a, 36¹ *trigonophalus*, nomen nudum (Crinons dans l'estomac du chien); 1808a, pl. 2 figs. 5-6; 1809a, 50, 231-232, 242, pl. 2 figs. 5-6 (in *Canis* fam. [*Ovis aries*]; Alfort Mus.); 1819a, 35, 265.—Bail., (1854a), 72; 1866b, 70 (not *Doch. trig.* Duj.).—Bellingh., 1844a, 104.—Dies., 1840, 222; 1851a, 300 (to *Doch.*).—Dewitz, 1892b, 74.—Duj., 1845a, 277 (to D.), 278 (in *renard*; Mus. Wien).—Erc., (1852a); (1854a.—Fiebiger, 1912a), 288.—Fröhner, 1915a, 927.—Gurlt, 1831a, 60, 156, 299, 312, 363, pl. 7 figs. 29-34.—von Ihering, 1902a, 47 (in *Canis*).—Knoch, 1862e, 105.—Leuck., 1868a, 401, fig. 228.—Linst., 1906, 93.—Looss, 1902c, 422, 423 (? so. *Unc. vulpis*).—Mol., 1861a, 476 (52), 491 (67) (to *Doch.*).—Mûeh., 1898b, 9.—Muell., 1897a, 11-12, pl. 2 fig. 2.—Olfers, 1816a, 60.—Par. & Grassi, 1877b, 194.—Perronc., 1882a, 365.—Rail., 1893a, 470 (to *Unc.*); 1900, v. 15, 84-87 (Rud.'s specimens are *cernuus* Crep.), 89, 105, 106 (to *Monodontus*); 1902b, 110.—Rans., 1911a, 11-12 (to M.).—Rep. d. Thierheilk., Stuttgart, 1845, v. 6, 266 (in *Canis* fam.).—Schneid., 1866a, 126, 128, 136-137, 1 fig. (so. *tetragonoc.*), 138, 293, 294, 307, 310, 314.—Stoss., 1898, 87; 1899d, 121 (67) (to *Unc.*).—Vogt, 1878, 57.—Wallenstedt, 1847, 8.—Ward, 1895a, 343 (in C. f.).—Zuern, 1882, 262.
- trigonocephalus* Rud. of Gurlt, 1831 (of dog).—Rail., 1900, v. 15, 88 (reexamined specimens=*Unc. stenoc.*, 89 of Erc., 1859=*stenoc.*, 90, 91, 93 of Schneider from dog).
- trigonocephalus* Rud. from *Sus scrofa*, Mus. Berl., 993; see Rail., 1902, 109-110 (so. *Characost. longemucronatum*).
- trigonophalus* Rud., 1805, 36 (nomen nudum, see *trigonoc.*) (Crinons dans l'estomac du chien).
- truncatus* Nitzsch, in Gieb., 1857a, 269 (in colon. Rehbock; probably Germany).—Mûeh., 1898a, 47.—Stoss., 1899d, 131 (77) (in *Cervus capreolus*; Prussia).
- tubaciformis* Sons., 1889g, 282 (misprint for *tubæformis*).
- tubæformis* Zed., 1800a, 73-74, 75 (in *Felis dom.*; Europe); 1803a, 91, pl. 2 figs. 4-5 (in F.).—Bail., 1866b, 59 (to *Doch.*).—Cobbold, 1876, 298, pl. 21 fig. 20.—Crep., 1847a, 290 (*tubiformis*).—Dies., 1851a, 299 (to D.).—Duj., 1845a, 279 (to D.).—Gurlt, 1831a, 363-364; 1847a, 74-76, pl. 1 figs. 3-7.—Leidy, 1909, June 5, 1832 (1).—Leisering, [1871a], 20-27 (in tiger); 1871b, 33-34; 1872a, 518-521 (to D.).—Linst., 1879a, 180-181, pl. 12 figs. 27-28 (in *Koenigstiger*) (see *perniciosum*).—Looss, 1902c, 423.—Mol., 1861a, 476 (52).—Olfers, 1816a, 60.—Rail., 1886, 360; 1900, v. 15, 84 (possibly *stenoc.*), 88, 89 (in panther) (of Gurlt, 1847, possibly *perniciosa*), 90, 91, 93 (of Zed. unidentifiable), 94 (of Linst. and Leisering) (so. *Unc. pern.*) (in F. tigris).—Rud., 1809a, 236-237 (in F. catus); 1819a, 36.—Schneid., 1866a, 126, 128, 131, 140, 1 fig., pl. 9 fig. 5.—Sons., 1889g, 282 (to *Docmus*).—Stiles & Hass., 1894e, 344 (lapsus for *Str. retortæformis* in *Lepus sylvaticus*; D. C.).—Stoss., 1899d, 119 (65) (so. *Unc. pern.*), 120 (66) (to *Unc.*).—Also reported for *Felis concolor*, F. dom., F. leo, F. mellivora, F. onca, F. pardus, F. tigrina, F. viverrina.

¹ Either a confusion must have occurred in the labels, or the dog must have eaten sheep entrails containing this parasite. Later references to *trigonoc.* in the dog refer usually either to *Ancylost. caninum* or to *Unc. vulpis*.

STRONGYLUS—Continued.

- tubifex* Nitzsch in Rud., 1819a, 31–32 (in *Anas dom.*, *A. crecca*, *Colymbus arcticus*, *C. septentrionalis*, *C. cristatus*, *C. minor*, *Mergus merganser*, *M. albellus*, *M. serrator*, *Pelecanus carbo*, *P. pygmaeus*), 262–263 [Europe]. 601.—Bail., 1866b, 71.—Bellingsh., 1844a, 103.—Brems., 1824c, pl. 3 figs. 16–23.—Chaussat, 1850, CrSB, v. 1, 92–93.—Cobbold, [1861e], 122, pl. 20 figs. 1–2; 1879b, 447.—Cohn, 1902k, 47.—Crep., 1846, 145.—Dies., 1851a, 325–326 (to Eustr.).—Duj., 1845a, 129–130 (s. *papillosus*, *mergorum*, *anatis*, *elegans*) (in *Anas cr.*, *A. acuta*, *A. clypeata*, *Carbo cormoranus*, *C. pygmaeus*, *Colymbus arc.*, *C. sept.*, *Mergus merganser*, *M. ser.*, *M. alb.*, *Podiceps cristatus*; Greifsw., Mus. Wien).—Fiebiger, 1912a, 259.—Gieb., 1857a, 269.—Jägers., 1909, v. 2 (3), 24, 28 (so. *Eustrongylides excisus*, *Hystrichis tricolor*); 1909, v. 2 (3), 2, 5, 10 (to *Eustrongylides*) (so. *E. elegans*).—Lundahl, 1848a, 285.—Rail., 1893a, 423 (so. *Hys. elegans*).—Schneid., 1866a, 50, 126.—Stoss., 1899d, 59 (5) (so. *Hys. e.*).—Streckeisen, 1840, v. 4, 42.—Also reported for *Alca torda*, *Anas boschas dom.*, *Chloephaga poliocephala*.
- tubifex tantali* M. C. V. in Mol., 1861a, 609 (185). (so. *Hystrichis acanthocephalicus*) (in *Ibis nudifrons*; Brazil).
- tubiformis* Crep., 1847a, 290 (for *tubæf.*) (in intest., *Felis leopardus*; by Gurlt). [*tubiforme* Perronc., 1882a, 368, see *tubæformis*.]
- uncinatus* Lundahl, 1848a, 283–284 (in stomach wall, *Anser albifrons*, *Anas penelope*, *A. acuta*, *Fuligula nigra*; by Lundahl), 286, 287 (in *Anser a.*, *Anas pen.*, *A. a.*, *A. n.*).—Crep., 1849, 70.—Dies., 1861a, 720 (so. *nodularis*), 722 (in *A. a.*, *A. pen.*, *A. acuta*, *A. nigra*; Helsingfors).—Linst., 1909, 61 (in *A. a.*, *A. pen.*, *A. a.*).—Mol., 1861a, 520–522 (97–98) (in *A. a.*, *A. pen.*, *A. a.*, *F. n.*; Helsingfors).—Stoss., 1899d, 86 (32) (in *A. a.*, *A. a.*, *F. n.*, *Mareca penelope*; Helsingfors).
- undularis* (Rud.) Gieb., 1857a, 269 (in *Anas fuligula*, *A. segetum*) [for *nodularis*?].
- ursi* (Gmel., 1790) Rud., 1809a, 242 (s. *Tænia ursi*, *Cystic. ursi*) (in *Ursus*; teste Redi); 1819a, 28.—Dies., 1851a, 331 (to *Nematoideum*).
- ursi-maritimi* Mus. Wien in Duj., 1845a, 277 (so. *Doch. ursi*).
- vagans* Eschr., 1841f (g), 345–346 (33–34) (in trachea, sinuses of head, blood vessels, of porpoise; Europe); 1841h, 231.—Dies., 1851a, 324 (so. *Prosthecosacter minor*).—Mol., 1861a, 600 (176) (so. *P. m.*).
- vanelli* Schrank, 1790a, 122 (in *Tringa vanellus*); 1803, 206.—Rud., 1809a, 239 (in *T. v.*); 1819a, 29 (to *Spiropt.*).
- variegatus* Crep., 1849a, 64 (trachealis of *Nathusius* renamed), 67.—Dies., 1861a, 717 (so. *Sclerost. tracheale*).—Rail., 1898, 402.
- vasorum* Bail., [1854a, 72; (1862d), 49–58 (in *Canis fam.*); 1866b, 69–70 (in heart and pulmonary vessels, dog; by M. Serres).—R. Bl., 1895a, 108–119, 191–192, figs. 8–10.—Cagny & Gobert, 1904a, 696.—Campb. & Lacr., 1907, 75.—Carougeau & Marotel, 1903, 447.—Capdebielle & Hussenet, 1911, Rv, v. 68, v. 36 (3), 144–147, fig. 1; 1911, AVR, 322–323.—Dav., 1877a, cxviii, 955.—Deffike, 1889a, 121 (s. *subulatus*).—Diamare, 1897a, 463.—Galli-Val., 1896b, 68–71, 91–95, 102–106.—Gazzarri, 1915, 262–264.—Guittard, 1899, v. 12 (5), 131–133.—Hut. & Mar., 1905a, 737, 870; 1906a, 54, 57; 1910b, 70, 75, 78; 1913a, 935; 1913b, 75, 84, 713, to (*Hæmostr.*) (in *Haushund*).—Isola, 1906, v. 17, 87. (in dog).—Lafosse. (1876a), 199.—Laulanie, 1882a, 48–52 (in dog) (pathology, tuberculous parasitaire); 1886a, 82, 83.—Marsden, 1898a, 425.—Martin, 1913, 127.—Mauri, 1889, 371; 1890a, 195–197 (in *C. f.*).—Mégn., 1882t, 298.—Mingazzini, 1900d, 155.—Nev.-Lem., 1912a, 701.—Nielly, 1882a, 404.—Perronc, 1882a, 367.—Rail., 1889, 131; 1893a, 437.—Rail. & Cadiot, 1892, 482 (in *C. f.*); 1892h, 702–703; 1893a, 122–123.—Rail. & Drouin, 1897a, 570–571; 1897b, 474.—Rail. & Henry, 1907, 753 (type of *Hæmostr.*).—RT, 1878, v. 39, 139–140.—Rv, 1876.—Serres, 1854, 70 (in *C. f.*).—Sl. & Sw., 1912a, 381.—Sons., 1888, 38.—Stoss., 1899d, 68–69 (14–15) (in *C. f.*; *Tor.*).—Veterinarius, 1898, v. 21, 204–205.—Vogel in Guittard, 1899, DtW, 252.—Ward, 1895a, 343 (in *C. f.*).
- vasorum canis* Vogel (Rev. of Guittard, DtW), 1899, v. 7, 252 (see *vasorum*).—Fiebiger, 1912a, 265.—Capdebielle & Hussenet, 1911, v. 39 (3), 322–323.—Vogel in Guittard, 1899, DtW, 252 (in heart of dog).
- vasorum canis* Schneidem., 1896a, 318 (for *vasorum canis*).

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ventricosus Rud., 1809a, 222-223 (in *Cervus elaphus*; by Rud.); 1819a, 33 (in C. dama; Mus. Wien).—Bail., 1866b, 62.—Bang, 1897a, 345.—Brändle, 1898a, 283-289.—Carità, 1887a, 60.—Cobbold, 1873c, 65; 1879b, 346; 1881, 185.—Curtice, 1890c, 17, 22, 118, 145, 146, 149, 202, pl. 20.—Dies., 1851a, 301 (of Rud. pars so. Doch. hypost.), 315 (in C. e.; Griefsw.).—Duj., 1845a, 124-125 (in C. d.; Mus. Wien).—Fiebiger, 1912a, 271.—Frœhner, 1915a, 251.—Giles, 1892d, 48, 49 (s. curticei).—Hut. & Mar., 1906a, 380, 407; 1910b, 477, 515; 1913b, 475.—Ihle, 1917, 169.—Julian, 1897e, 544.—Meyer, 1896b, 72.—McFadyean, 1897c, 56, 57 (in sheep; Eng.).—Mol., 1861a, 514 (91), pl. 4 fig. 8.—Olfers, 1816a, 60.—Rail., 1888, 210; 1890d, 518; 1890e, 38-44; 1892, 197; 1893a, 441; 1898, 173 (so. curticei), 174; 1900, May (of Schneid.) (=oncophorus), 104.—Rans., 1907, 3; 1911a, 14, 47, 98-99, 123 (in C. e.; Griefsw.); 1911a, 71, 73, 77, 99 (in part so. Cooperia curticei, C. oncophora).—Schneidem., 1896a, 316.—Schneid., 1866a, 129, 131, 132, 144-145, 251, pl. 8 fig. 16.—Schnyder, 1906, 10 (in B. t.); 1906, 165.—Sl. & Sw., 1912a, 380.—Spirig, 1898a, 197, 289-294.—Stewart, 1898, 325.—Stiles, 1902hh, 185.—Stiles & Hass., 1894e, 344 (in B. t., O. a.).—Stødter, 1901a, 5, 17, 63, 64, 65, 67, 70, 80, 86, 90, 91.—Stoss., 1899d, 73 (17) (in B. indicus, O. a.; G.).—Ward, 1895a, 335, 337.—Züern, 1882, 265.

[*venuloso* Perronc., 1882a, 366, see *venulosus*.]

venulosus Rud., 1809a, 221-222 (in *Capra hircus*; by Rud.); 1819a, 33 (in C. h.; Griefsw.).—Bail., 1866b, 62, 68.—Cobbold, 1879b, 346 (in goat).—Dav., 1877a, cxvi, 235.—Dies., 1851a, 309 (in C. h.; G.).—Duj., 1845a, 125 (so. radiatus).—Gurlt, 1831a, 362-363, pl. 7 figs. 47-51.—Hummel (1898a), 1-19.—Ihle, 1917, 168.—Meyer, 1896b, 72.—Mol., 1861a, 525 (101) (in C. h.; G.).—Olfers, 1816a, 60.—Rail., 1888, v. 6, 98-99; 1890d, 518; 1893a, 450 (to Oesophagost.); 1900, 102, 103, 104, 105, 106 (to Oes.).—Rans., 1911a, 46 (to Oes.).—Schneidem., 1896a, 318.—de Reck, 1832a, 526.—Schneid., 1866a, 129, 131, 141-142, 147, pl. 9 figs. 1, 10.—Seiler, 1902, 32, 33, 34.—Stødter, 1901a, 87, 90.—Stoss., 1899d, 95 (41) (to Oes.).—Verrill, 1870, 176.—Ward, 1895a, 337 (in O. a.).—Willach, 1891, v. 17, 342, 344 (in deer, goat, sheep).—Züern, 1882, 264.

vicarius Stadelm., 1893a, 220 (in *Ovis aries*; Germany); 1894a, 142.—Alexeieff, 1913, 549.—Fiebiger, 1912a, 273.—Hut. & Mar., 1906a, 379; 1910b, 475.—Ihle, 1917, 168.—Julien, 1898a, 87.—Rail., 1893a, 444.—Rans., 1911 (127), 59, 62 (so. Ostertagia circumcincta).—Sl. & Sw., 1912a, 378.—Stødter, 1901a, 5, 34, 37, 39, 40, 44, 45, 46, 48, 53, 54, 87, 90.—Stoss., 1899d, 87 (33) (in O. a.; Berl. & U. S. A.).—Ward, 1895a, 337 (in O. a.).

viperæ Rud., 1819a, 37 (in *Vipera redii*; C. E. V.).—Dies., 1851a, 298 (to Diaphanoc.).—Stoss., 1898, 87; 1899d, 104 (50) (to Sclerost.).

viperæ-lanceolatae M. C. V. in Mol., 1861a, 549 (125) (so. *Kalic. bothropis*).

vitrinus (Looss, 1905) Sl. & Sw., 1912a, 519.

vitulorum Rud., 1809a, 245-246 (s. *Gord. viviparus*, Asc. filif. cauda rotundata, A. vituli) (in *Bos taurus*; Europe); 1819a, 37.—Dies., 1851a, 316 (so. *micrurus*).—Duj., 1845a, 126.—McCoart, 1880a, 62 (*vitutorum*) (so. *filaria*).—Oken, 1815a, 196.—Rail., 1893a, 430 (s. m.).—Stoss., 1899d, 71 (17) (so. m.).—Ward, 1895a, 335 (in B. t.), 340 (in *Equus cab.*).

vitutorum McCoart, 1880a, 62 (for *vitulorum*).

viverræ-naricæ M. C. V. in Mol., 1861a, 493 (69) (so. *Doch. bidens*) (in *Nasua narica*; Brazil).

vulgaris (Looss, 1900) Rail. & Henry, 1909b, 169; 1915, BSPE, 703.—Craig, 1915, 496, 497, 508.—Geddelst, 1911a, 123 (in donkey, horse).—Jægers, 1909, 34 (*vulgare*).—Lane, 1914, 387.—Leneven, 1915, 599, 600, 601, 602, 606.—Nev-Lem., 1912a, 742.—Rail., 1915, RMv, 477, 492, 503, 509; 1915, IVC, 734, 743, 747.—Wolffh., 1910, 17; 1911, 69-71.—Vieillard & Morel, 1909, 190-191.

vulpinus Fabr., 1794a, 12 (*Unc. vulpis* renamed).

vulpis (Frœl., 1789) Zed., 1800a, 73 (in *Canis vulpes*); 1803a, 91 (in C. v.).—Dies., 1851a, 300 (so. *Doch. trigonoc.*)—Duj., 1845a, 277 (so. *D. trig.*)—Gmel., 1790a.—Mol., 1861a, 491 (67) (so. *D. trig.*)—Par. & Grassi, 1877b, 193 (so. *D. trig.*)—Rail., 1900, v. 15, 84 (in *renard*), 87 (to *Unc.*), 93 (unidentifiable).—Rud., 1809a, 232 (so. *tetragonoc.*)—Stoss., 1898, 87; 1899d, 121 (67) (so. *Unc. trigonoc.*).

STRONGYLUS—Continued.

vulpis (Rud., 1819a) Dies., 1851a, 219 [not (Frœl.) Zed.] (in mesenteric glands, *Canis vulpes*; by Brems.).—Mol., 1861a, 526 (102) (in *C. v.*).—Stoss., 1899d, 131–132 (77–78) (in *Vulpes vulg.*).

vulpis glandularis Rud., 1819a, 36, 266 (in *Vulpes*; Mus. Wien).—Stoss., 1899d, 131 (77) (so. *vulpis*).—Also reported for *Canis vulpes*.

vulpis œsophageus Rud., 1819a, 36, 266 (in *Vulpes*; Mus. Wien).—Also reported for *Canis vulpes*.

vulturis Cat. RQSL, 1830, 41 (in vulture).

STRORGYLUS Galeb, 1878b, 361 (misprint for *Strongylus*).

STROUGILUS Graham, 1906, v. 5 (2), 241 (for Str.).

STRUGGLUS Shaw, 1901a, 180 (misprint for Str.; *S. contortus*).

SUBULURA Mol., 1860e, 332–333 (mt. *acutissima*).—Hall, 1916a, 51, 52, 53, 54.—Lane, 1914, IJMR, 655 (g. of *Kathlaniinae*); 1916, IJMR, 100, 101.—Olss., 1869b, 487.—Rail. & Henry, 1912, 258.—Seur., 1914, 198; 1917, CrSB, 354.—Skrj., 1916, 53–54, 127–128; 1916, 499.—Stiles & Hass., 1905b, 140.—Trav., 1913, MIOC, 272, 297; 1914, MIOC, v. 6 (2), 138 (g. of *Heterakidae*), 139.

acuticauda (Linst., 1901) Rail & Henry, 1914, ICZ, 680 (in *Numida rikwae*).

acutissima Mol., 1860e, 332–333 (s. *Physalopt. saginata strigis brasiliensis*, *P. strongylina cuculi-seniculi*) (in *Cuculus melacoryphus*, *Strix atricapilla*; Brazil).—Dies., 1861a, 644.—Drasche, 1883, 120.—Hall, 1916a, 52.—Rail. & Henry, 1912, 258; 1914, ICZ, 679 (in *S. a.*, *C. m.*).—Seur., 1914, 198.—Skrj., 1916, 54.—Trav., 1913, 297, 298, 300, 303, pl. 29 figs. 24–25 (in *Pisorhina atricapilla*, *Coccyzus melacoryphus*).

allodapa (Crep., 1853) Seur., 1914, CrSB, 154–157, figs. 1–4 (in *Cariama cristata*; Brazil) to *S.* (Het.).—Rail. & Henry, 1914, ICZ, 680 (in *C. c.*).—Skrj., 1916, 54, 55, 128.

andersoni (Cobbold, 1876) Rail. & Henry, 1914, ICZ, 680 (in *Sciurus* sp.; India).—Hall, 1916a, 52–53, fig. 58 (in *S. sp.*; N. E. India).

annulata (Mol., 1860) Trav., 1913, 298 (Het.).

boueti (Gendre, 1911) Trav., 1913, 298.—Hall, 1916a, 52, 54, 56 figs. 60–63 (in *Euxerus erythropus*; Dahomey) to *S.* (*Oxynema*).—Rail. & Henry, 1914, ICZ, 682 to (*Oxynema*).

crassispiculum (Sons., 1889) Rail. & Henry, 1914, ICZ, 682 to *S.* (*Oxynema*) (in *Vulpes* (*Megalotis*) *zerda*).

curvata (Linst., 1883) Rail. & Henry, 1914, ICZ, 680 (in *Perdix græca*).—Skrj., 1916, 500 (in *Caccabis chukar*; *Aoulié-ata*).

differens (Sons., 1890) Rail. & Henry, 1912, BSPE, 257; 1914, ICZ, 680 (in *Gallus dom.*).—Trav., 1913, 298.

distans (Rud., 1809) Rail. & Henry 1912, BSPE, 258; 1914, ICZ, 680 (in *Cercocebus collaris*, *C. fuliginosus*, *Cercopithecus callitrichus*, *C. cephus*).—Trav., 1913, 297, 300–301, pl. 29 fig. 23 (in *Callicebus galigata*, *Callithrix chrysoleucos*, *C. jacchus*, *C. melanurus*, *Cercocebus fuliginosus*, *Cercopithecus sabæus*, *Midas bicolor*).

forcipata (Rud., 1819) Rail. & Henry, 1914, ICZ, 680 (in *Cuculus nævius*, *C. tingazu*, *C. seniculus*).—Seur., 1914, CrSB, 156, 157 (in *Otis tetrax*); 1914, 201–202, figs. 1–3 (in *O. t.*; *Maison-Carrée*).

gracilis (Linst., 1899) Rail. & Henry, 1914, ICZ, 680 (in *Francolinus* sp.).

jacchi (Dies., 1861) Rail. & Henry, 1914, ICZ, 680 (in *Callicebus caligata*, *Callithrix chrysoleucus*, *C. jacchus*, *C. melanurus*).

leprincei (Gendre, 1909) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Caprimulgus fossii*, *Macrodipteryx macrodipterus*).—Seur., 1914, CrSB, 156.

otolicni (Ben., 1890) Rail. & Henry, 1914, ICZ, 680 (in *Galago demidoffi*, *G. galago*).

papillosa (Mol., 1860) Rail. & Henry, 1912, BSPE, 257; 1914, ICZ, 680 (in *Corvus cajanus*).—Trav., 1913, 298.

perarmata (Ratzel, 1868) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Tarsius spectrum*).

plotina Baylis, 1919, AMNH, 459–461, fig. 2 (in *Plotus rufus*; Uganda).

poculum (Linst., 1909) Trav., 1913, 298 (for *poculum*).

poculum (Linst., 1909) Rail. & Henry, 1914, ICZ, 680 (in *Francolinus adspersus*).

SUBULURA—Continued.

- rectum* (Linst., 1899) Rail. & Henry, 1914, ICZ, 681 (in *Vulpes* (*Megalotis*) *zerda*, *V. vulpes ægyptiaca*) to *S. (Oxyntema)*.
- recurvata* (Linst., 1901) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Eurystomus afer*).
- rima* (Linst., 1906) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Otis houbara*).
- rimula* (Linst., 1903) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Centropus sinensis*).
- sarasinorum* (Meyer, 1896) Rail. & Henry, 1914, ICZ, 680 (in *Stenops gracilis*).
- schebeni* (Linst., 1909) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Cynictis penicillata*).
- similis* (Gendre, 1909) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Zenotropus monachus*, *Coracias abyssinicus*, *Eurystomus afer*, *Scops leucotis*).
- strongylina* (Rud., 1819) Rail. & Henry, 1912, BSPE, 258; 1914, ICZ, 680 (in *Tetrao uru*, *Tinamus tataupa*).—Trav., 1913, 297–298, 299, 300, 301–302, pl. 29 fig. 22 (in *Bucco capensis*, *B. melanoleucos*, *B. rufiventris*, *B. striolatus*, *B. swainsoni*, *B. tamatina*, *Caprimulgus ruficollis*, *C. nacandua*, *C. urutas*, *Chelidoptera tenebrosa*, *Crypturus* sp., *C. tatuapa*, *Cuculus melanorhynchus*, *C. tinguacu*, *Gallus dom.*, *Malacoptila torquata*, *Microdactylus cristatus*, *Monasa leucops*, *M. tranquilla*, *Nonnula rubecula*, *Odontophorus capueira*, *Podager nacunda*).
- subulata* (Rud., 1819) Rail. & Henry, 1914, ICZ, 680 (in *Caprimulgus ruficollis*).—Seur., 1914, CrSB, 156, 157; 1914, 198–201 (in *C. ægyptius saharae*; *Algesira*, *Corse*).
- suctoria* (Mol., 1860) Rail. & Henry, 1912, BSPE, 257; 1914, ICZ, 680 (in *Caprimulgus campestris*, *Gall. dom.*, *Numida meleagris*).—Seur., 1914, CrSB, 154.—Skrj., 1916, 54–56, 128.—Trav., 1913, 298, 300, 302–303, pl. 30 figs. 26–27 (in *C. c.*, *Microdactylus cristatus*).
- uncinata* (Rud., 1819) Hall, 1916a, 52, 53–54, fig. 59 (in *Cavia aperea*, *Cuniculus paca*; *Brazil*).
- SUBULURINÆ Trav., 1914, v. 6 (2), 138 (subf. of *Heterakidæ*, contains: *Subulura* and *Oxinema*).—Hall, 1916a, 44, 51–52, 56, 60; 1916b, 518.—Lane, 1916, IJMR, 101.
- SYMPLECTA Carus, 1863, v. 2, 460 (for *Synplecta*) [not *Symplecta* Meig., 1830, dipt.].
- pendula* (Leidy, 1851) Carus, 1863, v. 2, 460 (in *Schildkroeten*).
- SYMPLOCOSTOMA Bast., 1865c, 94, 132–134 (tsd. *longicollis*).—Büetsch., 1874b, 272 (so. *Anoplost.*).—Stiles & Hass., 1905b, 140–141 (type *longicollis*).—Villot, 1875a, 456, 462.
- antarcticum* Linst., 1896a, 11–12, fig. 19 (aquatic; *Uschuaia*).
- barbata* (Carter, 1859) Bast., 1865c, 134 (salt water; *Bombay*).
- lacustris* Daday, 1894, Mte, v. 12, 138–139; 1897, v. 2 (1), 103, figs. 92–94 (free; *Balaton*).
- longicollis* Bast., 1865c, 133, pl. 11 figs. 119–122 (in tide pools; *Falmouth & Brighton*).—Man, 1907, 87 (*longicolle*) (*Zealand*).—Southern, 1914a, 41 (*Blacksod Bay*, *Ballynakill Harbor*, *Clew Bay*, *Clare Isl.*) (*longicolle*).—Villot, 1875a, 465 (*Manche*, *Med.*).
- murmanicum* Savelev, 1912, TSN, 118 (im schlammigen Sande; *Catharinahafen*).
- ornata* (Eberth, 1863) Bast., 1865c, 134.
- pauli* Villot, 1875a, 466 (free; *Med.*).
- species* Linst., 1903u (1904a), 275 (12) (free; *Ararat*, *Mare Azov*).
- tenuicollis* (Eberth, 1863) Bast., 1865c, 133.—Villot, 1875a, 466 (free; *Med.*).
- vivipara* Bast., 1865c, 133–134, pl. 11 figs. 123–125 (surface mud. marine estuary; *Falmouth*).—Büetsch., 1874b, 272.—Man, 1907, v. 10, 233 (to *Anoplost.*) (free; *Veere*, *Ierseke*, *Falmouth*); 1910, v. 10, 50 (to *An.*) (free; *V.*, *I.*, *F.*).—Villot, 1875a, 465 (*Eng.*).
- SYNGAMEÆ Rail. & Henry, 1909b, 170 (group of *Ankylostominae*, contains *Syngamus*); 1912, 565.—F., S., & T., 1916a, 459.—Nev.-Lem., 1912a, 649.
- SYNGAMIDÆ Rail., 1915, 743, 744 (contains *Syngamus*); 1915, RMv, 505, 521.
- Syngamosis (name of infection with *Syngamus*).—Neum., 1908, v. 33 (9), 549, 560 (*syngamose*).—Vet. J., 1909, v. 65 (403), 52–53.

- SYNGAMUS** Sieb., 1836a, 105-116 (mt. trachealis).—Bail., 1866b, 59.—Braun, 1895b, 213; 1903a, 253, 261; 1915a, 362.—Carré & Fraimbault, 1899a, 108-109.—Chatin, 1881k, 394-395.—Cobbold, 1864a, 361.—Daniels, 1910a, 152.—Duj., 1845a, 260-261.—F., S., & T., 1916a, 459, 460.—Gedöelst, 1911a, 128.—Hut. & Mar., 1906a, 60; 1910b, 82.—Leiper, 1913, v. 184, 170.—Leuck., 1867b, 75; 1879a, 88; 1886d, 66.—Linst., 1909a, 48-62.—Looss, 1892a, 64.—Mol., 1861a (1861b), 436, 561-564 (12, 137-140).—Neum., 1908, v. 33 (9), 549-560.—Nev.-Lem., 1912a, 649.—Pratt, 1916a, 222.—Rail., 1898e, 402; 1912, 565.—Rail. & Henry, 1909b, 171.—Rans., 1904a, 43.—Schlotthauber, 1860a, 127.—Schneid., 1866a, 110.—Schneidem., 1896a, 305.—Shipley, 1896a (1901b), 142, 144, 161, 163.—Skrj., 1915, v. 27 (17), 645-658, figs. 1-5 (Turksetan); 1916, 463-464.—Stiles, 1901p, 530 (g. of Strongylidæ); 1902, 186; 1903k, 14.—Stiles & Hass., 1905b, 141.—Stoss., 1899d, 56, 97 (2, 43).
- boularti* (Mégn., 1884) Rail., 1898e, 402 (trachee du casoar).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 655 (in *Casuarius galeatus*; Turksetan); 1916, 468, 471 (in C. g.; Australia).
- boris* Willach, 1896e, 192-193 (in *Bos taurus*; Germany); 1896f, 231.—Rail., 1897a, 1135 (=“filaments fibrineux”).
- bronchialis* Müehlig., 1884a, 265-271, pl. 13 figs. 1-4 (in Bronchi, Japanese goose; Leipzig).—Edelm., 1914a, 390.—Fiebiger, 1912a, 279.—Fröhner, 1915a, 791.—Gedöelst, 1903a, 54, 106 (in *Anser cinereus* dom.); 1911a, 128.—Hut. & Mar., 1906a, 60; 1910b, 82; 1913b, 89, 90.—Linst., 1909a, 62 (in A. anser).—Martin, 1913, 38, 127.—Nev.-Lem., 1912a, 751.—Rail., 1893a, 453; 1898f, 364-365 (in oie dom.); 1898e, 400, 402; 1899e, 175; 1901h, 209-210; 1915, 744 (in g.); 1915, RMv, 505.—Rail. & Henry, 1909b, 171.—Schneidem., 1896a, 319.—Skrj., 1915, 654 (in A. a. dom.; Turksetan); 1916, 468.—Stoss., 1899d, 99 (45) (in A. dom.; Alfort, Japan).
- cælebs* Schlotthauber, 1860a, 127 (in *Falco lagopus*).
- dispar* (Dies., 1851) Mol., 1861a (b), 565 (141) (in *Felis concolor*; Jauru).—Leiper, 1913, 278, 280.—Linst., 1899b, 18.—Rail., 1899e, 174 (in F. c.; Brazil).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 657 (in F. c.; T.); 1916, 472 (in F. c.).—Stoss., 1899d, 100 (46) (in F. c.; B.).
- kingi* Leiper, 1913, JSTMH, 277-280, figs. 22-24 (in *Homo*; St. Lucia).—F., S., & T., 1916a, 459, 460, figs. 337-338.
- lari* (R. Bl., 1849) Linst., 1909a, 62 (in *Larus ridibundus*).—Rail., 1898e, 402.—Rail. & Henry, 1909b, 171.—Rans., 1904a, 5, 43-44, 47 (s. *Nematoideum lari-ridibundi*, Str., sp., S. *lari-ridibundi*, Sclerost. cyathost.). (in L. fuscus, L. r., L. sp.; Europe).—Skrj., 1915, 655 (in L. r.; Turksetan); 1916, 469, 471 (in L. r.).—Stoss., 1899d, 100-101 (46-47) (s. *Sci. cy.*) (in L. r.).
- laryngeus* Rail., 1899e, 174-176 (in bœuf; Annam); 1899, 104; 1899, 108-109; 1915, 744; 1915, RMv, 505.—Carré & Fraimbault, 1899, 104 (in calf; Annam).—Fiebiger, 1912a, 279.—Fröhner, 1915a, 732, 748.—Gedöelst, 1911a, 128 (in cattle; Sud de l'Annam).—Hall, 1915, v. 10, 395-396 (1-2), figs. 1-3.—Hut. & Mar., 1906a, 65; 1910b, 85; 1913b, 89.—Leiper, 1913, 278.—Nev.-Lem., 1912a, 745.—Rail. & Henry, 1909b, 171.—Skrj., 1915, 657 (in B. t.; Turksetan); 1916, 471 (in B. t.).—Stoss., 1899d, 100 (46) (in B. t.; Annam.).
- microscopiculum* Skrj., 1915, 646-648, figs. 1-5 (in *Phalacrocorax carbo*; Turksetan); 1916, 461, 467-471, figs. 1-4 (in P. c.; Aoulié-ata, T. russe).
- mucronatus* Schlotthauber, 1860a, 127 (in *Canis canis*, P. major) (s. trachealis Sieb.).
- nasicola* Linst., 1899b, 18-19 (in *Capra hircus*, *Cervus rufus*; Rio Grande do Sul, Kamerun).—Gedöelst, 1911a, 128 (in goats; K.).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 657 (in C. h., C. r.; Turksetan); 1916, 472 (in C. h., C. r.).
- primitivus* Mol., 1861a (1861b), 565-566 (141-142) (s. *Fasciola trachea*, Dist. lineare, *Syngamus trachealis*, Str. trachealis, S. *meleagris-gallopavonis*, S. pictus) (in *Anas boschas* dom., *Corvus pica*, C. cornix, *Cypselus apus*, *Meleagris gallopavo*, *Pavo cristatus*, *Perdix cinerea*, *Picus viridis*, *Phasianus gallus*, P. colchicus, *Sturnus vulg.*; Europe, N. America); 1889, 316 (trachealis).—Hass., 1896a, 6 (so. t.); 1896b, 2.—Land., 1882, 23.—Müell., 1889, v. 15 (4-5), 316 (in A. b. d., Cor. corn., Cyp. ap., *Gallus gallinaceus*, M. g., *Pavo cristatus*, *Picus viridis*, *Pica caudata*, *Perdix cinerea*, *Phasianus colchicus*, S. v.); 1904a, 120.—Nev.-Lem., 1912a, 745.—Rail., 1893a, 453 (so. t.).
- pugionatus* Schlotthauber, 1860a, 127 (in *Corvus pica*, *Sturnus vulg.*; by Schlotth.).

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- sclerostomum* Mol., 1861a, 566-567 (142-143) (s. Str. trachealis, S. variegatus, Sclerost. tracheale) (in Ciconia nigra; teste Crep.).—Dolley, 1894a, 1012 (s. t.) (in fowl).—Linst., 1890c, 259-261, figs. 1-3 (in Grus viridirostris).—Skrj., 1916, 471.
- species de Does, 1907, 263-266, pl. 1 (in Rund; Java).
- tadornæ* (Chatin, 1874) Rail., 1898e, 402.—Linst., 1909a, 62 (in Tadorna tadorna).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 655-656 (in T. t.; Turkistan); 1916, 469, 471.—Stoss., 1899d, 99 (45) (in T. vulpanser).
- trachealis* Sieb., 1836a, 104-116, pl. 3 figs. 1-2 (Fasc. trachea renamed) (in Cypselus apus, Phasianus gallus, Picus viridis): 1837c, 253-261; 1867a, 172-173 (in birds).—AJCGH, 1892, 158; 1892, v. 5 (6), 90 (in turkeys): 1894, v. 7, 423-424; 1895, v. 8, 580.—[Agronome, 1813, 476-477.]—AE, 1870, v. 2 (5), 157-158.—Anacker, 1887c, 513; 1893c, 146.—Anthony, 1877, 16 (in pheasants).—Ball., 1866b, 59.—Bertolet, 1877a, 150.—Bassi, 1881a, 67-81 (in Phasianus colchicus).—Ben., 1858a, 1861a, 188, 201.—Ber. Senkenb. n. Ges., 1908, 132 (in Otis tarda).—Braun, 1895b, 220.—BG, 1904, v. 45, 1044; 1913, v. 63, 284; 1913, v. 64, 242-244.—Brumpt, 913a, 414.—Bugnion, 1881, v. 17, xxxvi.—Cagny & Gobert, 1907, 657-658, figs. 733-736.—Campb. & Lacr., 1907, 76, 77.—Clouet, 1872.—Cobbold, 1879b, 445.—Cognetti de Martiis, 1909, 699.—Conard, 1870, v. 2 (5), 157.—Cordier, 1894, v. 41 (11), 500-503 (treatment, pheasants).—Craig, 1915, 507 (treatment).—Crisp, 1873a, 272-275, figs. a-h.—Dewitz, 1892b, 135, 136, 146, fig. 101.—Dies., 1851a, 302.—Duj., 1845a, 261-262.—Dungl., 1893 (1895a), 992, 1068.—Edelm., 1914a, 390.—Eggeling, 1908, 28 (in Fasanen).—Ehlers, 1872a, 43-48; 1872b, 236-240.—F., S., & T., 1916a, 461, fig. 339.—Farmer's Bull., U. S. Dept. Agric., 1898 (84), 28-29, fig. 8 (in chicken).—Fiebiger, 1912a, 273.—Francis, 1894, 450.—Frœhner, 1915a, 789.—Galli-Val., 1901c, 361 (in Sturnus vulg.).—Gardiner, 1904, 1134 (treatment); 1904, 191-196.—Garman, 1897, 107; 1898a, 71-73.—Geddelst, 1903a, 54, 103, 104, 105 (in Gallus gallinaceus, Meleagris gallopavo dom., Ph. c., Pavo cristatus); 1911a, 128, fig. 173 (in chicken, pheasant, peacock, turkey, etc.).—Gordon, 1870, v. 2 (5), 157.—[Hansen, 1904, v. 16 (8), 257-268.]—Hass., 1896a, 6 (s. F. t. Sclerost. syngamus, Syngamus primitivus) (in Gallus dom.): 1896b, 2 (in Meleagris gallopavo).—[Hearn, 1899, v. 54 (19), 6; 1900, v. 97 (19), 419.]—Henwife, 1892a, 90.—Horne, 1910, v. 22 (6), 159-164, figs. 1-2.—Hut. & Mar., 1906a, 60; 1910b, 82; 1913b, 89, fig. 14.—[Indiana Farmer, 1900, v. 55 (14), 7; 1900, v. 55 (16), 7 (coal oil); 1900, v. 55 (17), 6-7; 1900, v. 55 (22), 11; 1900, v. 55 (39), 6 (turpentine).]—Kholodk., 1899a, 175, fig. 207; 1902d, 7 [25] (in G. d.; Lwów).—Klee, 1899a, 465-468; 1899b, 1-11, figs. 1-3.—Kowal., 1902d (e), 25 (in G. d.; Lwów).—Leiper, 1913, 278, fig. 25; 1913, L. v. 1, 170.—Leuck., 1868a, 428; 1876a, 882; 1879a, 14, 167 (to Str.).; 1886d, 11, 130.—Lichtenstern, 1910, v. 54 (50), 844-845 (in geese).—Lignol, 1884, 226.—Linst., 1906, v. 3 (11), 171 (in dom. fowl; Colombo): 1909a, 62, fig. 32 (in Anser anser).—Looss, 1892a, 14.—M'Fadyean, 1900f, 994.—Magal., 1899a, 260-261 (in poule: Rio de Janeiro).—[MNH, 1832, 206-208, 3 figs.]—Martin, 1913, ASn, 37-38, 127.—Mégn., 1830n, 121-141, pls. 5-6, figs. 1-8; 1880x, 683-684; 1881a, 388-389; 1881b, 45-67, pls. 1-2 figs. 1-12; 1881g, 274-275; 1881q, 1140-1141; 1881aa, 759-760; 1881gg, 602; 1881z, 726; 1882hh, 990-998, 1045-1058, pls. 1-2 figs. 1-11; 1882n, 348-350; 1883a, 1-22, pls. 1-2; 1883g, 5-12, 39-42, figs. 1-6, 55-56, 73-75, 85-89, figs. 7-13, 106-108, 122-125, 134-137, 151-152; 1885b, 280-296, pl. 1 figs. 1-11; 1890c, 89.—[Month. Bull. Div. Zool. Penn. St. Dept. Agric. Harrisb., 1904, v. 1 (3), 20.]—Müh., 1898b, 12, 47-48 (in Corvus cornix, Cypselus apus, Ph. g. [=Gallus dom.], Picus viridis).—Nev.-Lem., 1912a, 745.—Noel, 1908, v. 30, 203-204.—Mordw., 1908, 186.—Mote, 1914, 31, 46-47, figs. 16-17.—[Ohio Farmer, Cleveland, 1900, v. 97 (12), 255; 1900, v. 97 (25), 511.]—Ostertag, 1899a, 420.—Parsons, 1870a, 157.—Pearson & Warren, 1896a, 29-32, figs. (in chickens; Baltimore, U. S. A.).—Perrier, 1875b, 586-595.—Perronc., 1882a, 372.—Pocci, 1904a, 102-118, figs. 1-3, pl. 1 figs. 1-5; 1908, v. 2 (1), 102.—Poultry Keeper, Parkesburg, 1895, v. 12 (9), 135; 1895, v. 12 (10), 145; 1895, v. 12 (10), 151; 1896, v. 13 (1), 6; 1897, v. 14 (1); 1897, v. 14 (4), 73.—[Poultry Success, 1905, July, 36.]—Pratt, 1916a, 222.—[Purvis, 1908, v. 53 (23), 1261; 1909, v. 56 (2), 56 (in chicken); 1909, v. 56 (3), 95-96 (in turkey; Va.).]—QAJ, 1902, v. 10 (2), 142.—Rail., 1893a, 453-455, fig. 312 (s. F. t., Sci. syn., Syn. p.); 1898e, 400, 402; 1898g, 626-627; 1899e, 175; 1901c, 207-209; 1915, 743, 746 (in birds); 1915, RMv. 505, 508.—Rail. & Henry, 1909b, 171.—Rans., 1904a, 43 (genotype).—Rollest., 1888a, 678, 683, 685, 688.—Rossi, 1906a, 73,

SYNGAMUS—Continued.

trachealis—continued.

82; 1906c, 35–36; 1907a, 276.—Salmon, 1885d, 550–553; 1886c, 274–277.—Sambon, 1908f, 34.—Sanborn, 1906a, 41–42.—Seur., 1916, 350.—Shipley, 1896a (1901b), 130, 142, 144, 161, 163, 164, fig. 70 (in poultry & game birds); 1908d, 10–11 (in fowls, grouse, pheasant; Argylshire); 1909f, in 263–279; 1911, 213–214 (in grouse).—Signol, 1884a, 226, fig. 219 (in gallinacé); 1894a, 272–273, fig. 235 (in faisan, gallinacé).—Skrj., 1915, 648–649 (in *Corvus cornix*, *C. monedula*, *C. frugilegus*, *C. corone*, *Ciconia nigra*, *C. alba*, *Cypselus apus*, *Lagopus scoticus*, *Ph. col.*, *P. pictus*, *Pavo cristatus*, *Perdix cinerea*, *Pica caudata*, *Picus viridis*, *P. canus*, *Pyrrhocorax alpinus*, *Pelecanus onocrotalus*, *Sturnus vulg.*, *Strix noctua*, *Tetrao urogallus*; Turkestan); 1916, 464–467, 468 (in *Corvus corone*, *C. frug.*; Aoulié-ata.).—Smith, 1884, 103–121.—Smith, A. J., 1908a, 268 (in *Phasianus reevesi*; Phila. Zool. Gard.).—Sons., 1897e (f), 257–259 (5–6).—[Spalding, 1887, v. 4 (7), 291.]—Stiles & Hass., 1894e, 345 (in *Gallus dom.*, *Meleagris gallopavo*).—Stoss., 1899d, 98–99 (44–45) (s. *Str. meleagris-gallopavonis*, *S. pictus*, *Scl. syn.*, *Syn. sclerostomum*, *S. p.*) (in *anas boschas*, *Ciconia nigra*, *C. alba*, *Corvus cornix*, *Cypselus apus*, *Gallus dom.*, *Meleagris gallopavo*, *Perdix cinerea*, *Pica caudata*, *Picus viridis*, *Sturnus vulg.*; Prussia, Tor., Germany, Eng., Ireland, America, Rennes).—[Theobald, 1896, 84; 1899b, 157–163.]—Thézé, 1916, 402.—Vauil., 1901a, 126 (in gallinacés, oiseaux; Eng.).—Verrill, 1870, 180, 244 (fig.).—Veterinarian, Lond., 1841, v. 14 (161), 267–268.—Walker, 1884a, 271–272; 1886a, 47–71; 1897a, 1–30.—Walsingham, 1888a, 324–325; 1888b, 740.—Warburton, 1893, 815.—Ward, 1916, 698.—[Webster, 1900, v. 97, 217 (in chicken).]—Wiesenthal, 1799a, 204–205, figs. 1–2.—Woman's Mag., 1904.—Wucherer, 1866, 63.

variegatus (Crep., 1849) Rail., 1898e, 401, 402.—Rail. & Henry, 1909b, 171.—Skrj., 1915, 656–657 (in *Ciconia nigra*, *C. alba* (?), *Grus viridirostris*; Turkestan); 1916, 469, 471 (in *C. n.*, *C. a.*, *G. v.*).

SYNHIMANTUS Rail., Henry, & Sis., 1912, CrSB, 624 (tod. laticeps) (subg. of *Acuaria*) (contains also: *alata* R., *crassicauda* C., *brevicaudata* D., *elliptica* M., *denticulata* M., *sygmoidea* M., *longevaginata* M., *hamata* L., *involuta* L., *invaginata* L.).

laticeps (Rud., 1819) R., H., & S., 1912, 624.

SYNÆCNEMA Magal., 1905a, 314–318 (mt. fragile).—Stiles & Hass., 1905b, 141.

fragile Magal., 1905a, 314–318, figs. 1–4 (in *Pheritima* (*Perichæta*); Brazil).

SYNONCHUS Cobb, 1894c, 411–413 (tsd. fasciculatus) [not *Synonycha* Chevrolat, 1833, coleopt.].—Stiles & Hass., 1905b, 141.

fasciculatus Cobb, 1894c, 411–413, figs. 10, i–vi (Bay of Nap.).

hirsutus Cobb, 1894c, 413 (Bay of Nap.).

SYNPLECTA Leidy, 1851b, 239–240 (mt. pendula); 1852; 1904a, 57.—Carus, 1863, v. 2, 460.—Stiles & Hass., 1905b, 141.

pendula Leidy, 1851b, 240 (stom., intest., *Emys guttata*; by Leidy); 1856b, 52 (E. g.); 1886e, 313 (s. *Hedruris androphora*); 1904a, 57–58, 97, 193.—Carus, 1863, v. 2, 460.—Also reported for *Chelopus guttata*.

SYNTHETOCAULUS Rail. & Henry, 1907a, 752 (tod. commutatus); 1909a, 86; 1912, 566; 1913, BSpE, 454.—Gedøelst, 1911a, 117.—Hall, 1916a, 163, 166; 1916b, 519.—Nev.-Lem., 1912a, 644.

abstrusus (Rail., 1898) Rail., 1907a, 753 (3); 1915, 744 (in cat.); 1915, 505.—Craig, 1915, 507 (treatment).—Gedøelst, 1911a, 117.—Nev.-Lem., 1912a, 700.—Rail. & Henry, 1907a, 753 (in chat).

capillaris (A. Müell., 1889) Rail. & Henry, 1907a, 753 (in chèvre, mouton).—Craig, 1915, 506, 507 (treatment).—Gedøelst, 1911a, 117.—Nev.-Lem., 1912a, 705.—Rail., 1915, 744 (in goat, sheep); 1915, RMv, 505, 519.

commutatus (Dies., 1851) Rail. & Henry, 1907a, 752 (in lièvre).—Gedøelst, 1911a, 117, fig. 156 (in dom. rabbit).—Hall, 1916a, 163 (so. pulmonalis); 1916b, 519.

linearis Marotel, 1913, Pv, 155–159 (in *Ovis aries*; Lyon) (pneumonie).—Rail., 1915, 744 (in sheep); 1915, RMv, 505.

ochreatus Nev.-Lem., 1912a, 1224 (for ocreatus).

ocreatus Rail. & Henry, 1907a, 753 (in mouton; Algeria).—Gedøelst, 1911a, 117 (in sheep; Algeria).—Nev.-Lem., 1912a, 705.—Rail., 1915, 744 (in sheep); 1915, RMv, 505 (in mouton, chèvre).

SYNTHETOCAULUS—Continued.

pulmonalis (Frœl., 1802) Hall, 1916a, 163–166, figs. 209–212 (in *Lepus europæus*; Europe); 1916b, 519.

rufescens (Leuck., 1865) Rail. & Henry, 1907a, 753 (in chèvre, lapin dom., mouton).—Craig, 1915, 506, 507 (treatment).—Fiebiger, 1912a, 263 (Synthetocaulus).—Gedœlst, 1911a, 117 (in dom. rabbit, goat, sheep).—Hall, 1916a, 163, 166–167, figs. 213–215 (in *Oryctolagus cuniculus*; Europe); 1916b, 519.—Hut. & Mar., 1913b, 74–75 to Str. (Synthetocaulus) (in Schaf, Ziege, Kaninchen, Rph, Gemse).—Nev.-Lem., 1912a, 696.—Pillers, 1914, 51.—Rail., 1915, 744 (in dom. rabbit, goat, sheep); 1915, RMv, 505.—Wolffh., 1911, 64.

sagittatus (Muëll., 1890) Rail. & Henry, 1907a, 753 (in ccrf).

unciphaurus Nev.-Lem., 1912a, 705 (misprint for unciphorus).

unciphorus Rail. & Henry, 1907a, 753 (3) (in chèvre, mouton; lng.).—Gedœlst, 1911a, 117 (in goat, sheep).—Hut. & Mar., 1913b, 75 (in Schaf, Ziege).—Rail., 1915, 744 (in goat, sheep); 1915, RMv, 505.

SYNTHETOKAULUS Fiebiger, 1912a, 423 (for Synthetocaulus).

SYNYAMUS Mégn., 1890c, 89 (misprint for Syngamus).

trachealis (Sieb., 1836) Mégn., 1890c, 89.

SYPHACIA Seur., 1916, CrSB, 64–67 (tod. obvelata).—Hall, 1916a, 65, 83, 225 (so. Oxyuris).—Rail. & Henry, 1916, CrSB, 114 (type obv.).

hilgerti (Seur., 1914) Maupas & Seur., 1916, CrSB, 617.

obvelata (Rud., 1802) Seur., 1916, CrSB, 65–67, fig. 2 (in *Arvicanthus barbarus*; N. Africa).—Hall, 1916a, 81, 225 (to Oxyuris).—Maupas & Seur., 1916, 617.—Rail. & Henry, 1916, CrSB, 114.

pallaryi (Seur., 1915) Seur., 1916, CrSB, 66.—Maupas & Seur., 1916, CrSB, 617.

SYPHACIINÆ Rail., 1916, RMv, 521.

SYRINGOLAIMUS Man, 1888, 34–36 (mt. striatocaudatus).—Stiles & Hass., 1905b, 141.

striatocaudatus Man, 1888a, 35–36, pl. 3, 4 fig. 16 (Walcheren); 1907, 87 (Zealand).

TACHYGONETRIA Wedl, 1861b (1862), 471 (mt. vivipara).—Rail. & Henry, 1916, CrSB, 114 (type v.).—Stiles & Hass., 1905b, 141.

vivipara Wedl, 1861b (1862), 471–472, 482, figs. 24–26 (in *Uromastix spinipes*; Egypt).—Rail. & Henry, 1916, 114.—Seur., 1912, 223, 224, 225–226 (13) (to Oxyuris), figs. 4–6, 10, 11 (in *U. acanthinurus*; N. Africa).

TACHYHODITES Bast., 1865c, 95, 155 (tsd. natans).—Stiles & Hass., 1905b, 141 (type n.).

natans Bast., 1865c, 155–156, pl. 13 figs. 182–184 (tide-pools; Falmouth).—Villot, 1875a, 465 (England).

parvus Bast., 1865c, 156, pl. 13 figs. 185–186 (tide-pools; Falmouth).—Villot, 1875a, 465 (Eng.).

TÆNIOLA “Pall., 1760, 52” [nv.] [not *Tæniola* Dall, 1904, mollusk]; 1768, 289.—See also *Haerucula*.

TANQUA R. Bl., 1904, AdP, v. 8, May 15, 478 (=Ctenocephalus Linst., 1904, nec Kolenati, 1857, renamed, hence type tiara).—Baylis, 1916, AMNH, v. 17, 223–232, figs. 1–4.—Stiles & Hass., 1905b, 141.

anomala (Linst., 1904) Baylis, 1916, 229–230, 231, 232 (in *Tropidonotus piscator*; Ceylon).

diadema Baylis, 1916, 227–229, 231, 232, figs. 3, 4 (in *Helicops angulatus*; from S. A.).

tiara (Linst., 1879) Stiles & Hass., 1905b, 141.—Baylis, 1916, 223, 224–227, 228, 229, 231, 232, figs. 1, 2 (in *Tropidonotus quincunciatus* (=asperrimus), *Varanus ornatus* (=? *albicularis*), *V. bengalensis*, *V. exanthematicus*, *V. gouldii*, *V. niloticus*, *V. salvator*).—Leiper, 1908, RWRL, 189 (in *V. n.*; Taufikia, White Nile).

TENTACULARIA Zed., 1800a, 5 (*Hamularia* Treutler renamed, hence type subcompressa=lymphatica) [not *Tentacularia* Bosc, 1797]; 1803, 45.—Blainv., 1828, 591.—Bosc, 1819, v. 33, 54–55 (in *Coryphænes dorades*).—Cast. & Chalm., 1910a, 424; 1913a, 539 (so. H.).—Crepe, 1846b, 161 (so H.).—Looss, 1902m, 756.—Lûche, 1905a, 337–338 (cf. Bosc).—Rud., 1801, 57–58; 1809, 20, 320.—Schneid., 1866a, 12 (s. H.).—Slawikowski, 1819, 61.—Stiles, 1907b, 41.—Stiles & Hass., 1905b, 141.—Vaull., 1899, 19.

TENTACULARIA—Continued.

cylindrica Zed., 1803a, 45, pl. 1, fig. 2 (ad bronchia Lanii collurion.; by Zed.).—Nordm., 1840a, 666 (to Hamularia).—Rud., 1809a, 83.—Stoss., 1897b, 36 (24) (so. Fil. nodulosa).

subcompressa Zed., 1803a, 45 (s. H. lymphatica) (in Homo; Treutler, 1793a, 10-13, figs. 3-7).—R. Bl., 1890a, 15 (so. Fil. lymphatica).—Braun, 1903a, 276 (so. F. equina); 1908a, 309; 1915a, 325.—Cast. & Chalm., 1910a, 424; 1913a, 539.—Chiaie, 1825a, 3 (so. F. hominis bronchialis).—Dolley, 1894a, 1018 (so. F. l.) (in Homo).—Nordm., 1840a, 665 (to Hamularia).—Rud., 1809a, 82 (to H.).—Stiles, 1907b, 41.—Stoss., 1899d, 90 (36) (so. Str. paradoxus).

TERATOCEPHALUS Man, 1876a (b), 137-138 (60-61) (mt. terrestris).—Jägers., 1909, SFD, 6, 21.—Menz., 1914, AN, 55.—Oerley, 1880, 67, 101; 1885, MtK, v. 21 (1), 72-73.—Stiles & Hass., 1905b, 142.

crassidis Man, 1880a, 46 (in moist soil: Holland).—Hofmæn. & Menz., 1915, 167.—Jägers., 1909, 21, 22, fig. 27.

cornutus Cobb, 1914, TAMS, 73, 84-85 (39, 50-51, 90), pl. 4 fig. 8 (Maple River, Mich.).

palustris Man, 1880a, 47 (in fresh water; Holland).—Jägers., 1909, 21, 22, fig. 28.—Menz., 1914, 56.—Steiner, 1916, ZA, v. 46, 329.

palustris crassicauda Daday, 1896, Mte, v. 14 (5), 414-415.

spiralis Micol., 1913, SAW Wien, 116-117 (in fresh water; Ostalpen); 1913, 11; 1914, ZJ, 451-453, pl. 16 figs. 19a-c.

spiraloides Micol., 1913, SAW Wien, 117 (in fresh water; Ostalpen); 1914, ZJ, 453-454, pl. 16, figs. 20a-b (Lunz).—Stefanski, 1916, ZA, 364.

terrestris (Buetsch., 1873) Man, 1876a (b), 138-139 (61-62), pl. 7 fig. 25 (on plants); Leyden).—Brakenhoff, 1914, v. 22, 291.—Hofmæn. & Menz., 1915, 166-167.—Jägers., 1909, 21-22, fig. 26.—Menz., 1913, ZA, 413; 1914, AN, 32, 34, 40, 41, 56, 82, 83, 90.—Micol., 1914, ZJ, 449-450.—Oerley, 1880, 101, pl. 4, fig. 20.—Steiner, 1916, ZA, v. 46, 334, 347.

TERNIDENS Rail. & Henry, 1909b, 169 (2) (tod. deminutus); 1912, 564, 567; 1913, BSPE, 506.—Braun, 1915a, 351.—Brumpt, 1910a, 333, 396; 1913a, 457.—F., S., & T., 1916a, 439.—Gedølst, 1911a, 122.—Sl. & Sw., 1912a, 330.—Ward, 1916, 698.

deminutus (Rail. & Henry, 1905) Rail. & Henry, 1909b, 169 (2) (in Homo, Macacus cynomolgus; M. sinicus; India, Saigon); 1912, 566, 567, 577-581, pl. 24 (in M. c., M. s.); 1912, v. 14, 557-581, pl. 24 figs. 1-8 (in H., M. c., M. s.; Mus. Paris, Johannesburg, India, Saigon, Africa).—Braun, 1915a, 351, fig. 301.—Brumpt, 1910a, 397; 1913a, 457.—Cast. & Chalm., 1913a, 549 (in H., monkeys; Africa).—F., S., & T., 1916a, 439-441, fig. 318.—Gedølst, 1911a, 122, fig. 164 (in negroes); 1911, 122, 262.—Graham-Smith, 1913, 201.—Sl. & Sw., 1912a, 330, 402 (deminutus).—Stiles, 1914, MM, v. 2, 294.—Ward, 1916, 698.

TERRANOVA Leiper & Atkinson, 1914, PZSL, 226 (tod. antarctica); 1915, 28.—Rail. & Henry, 1915, BSPE, 271.

antarctica Leiper & Atkinson, 1914, 226 (in Mustelus antarcticus); 1915, 28 (in M. a.; Bay of Isl., New Zealand).—Baylis, 1916, P, 368.

TERSCHELLINGIA Man, 1888a, 11-12 (mt. communis); 1907, 87.—Cobb, 1914, 10.—Stiles & Hass., 1905b, 142.

communis Man, 1888a, 12, pl. 1 fig. 7 (marine; Terschelling); 1907, v. 10, 230; 1907, 39, 40, 42, 43, 87.

filiformis Man, 1907, v. 10, 230-231 (free; Veere, Ierseke, Falmouth); 1907, 33, 41-43, 87, pl. 1 fig. 5 (Zealand).

longicauda Man, 1907, v. 10, 230 (free; Veere, Ierseke); 1907, 33, 39-41, 87, pl. 1 fig. 4.

polaris Cobb, 1914, SE, 8, 9, 14-15, 1 fig. (Bay; Cape Royds).

TETRACANTHUS Hempr. & Ehrenb., MS. in Schneid., 1866a, 104 (mt. Ancyranthus longicornis) (so. Ancyranthus) [not Tetracanthus Hope, coleopt.].—Rail., 1916, 102 (so. Schistorophus).

TETRACANTHUS Almond, 1916, VN, 125-126 [very doubtful whether this is intended as a generic name, probably intended for Str. tetracanthus] [not Tetracanthus Hope, coleopt.; not Popofsky, 1907, prot.].

- TETRACHEILONEMA** Dies., 1861a, 621, 711 (mt. quadrilabiatum).—Olss., 1869b, 488.—Stiles & Hass., 1905b, 142.
quadrilabiatum (Mol., 1858) Dies., 1861a, 711 (in *Tinamus maculosus*, *T. rufescens*; Brazil).—Stiles, 1907a, 10 (s. *Fil. tinami*) (in *T. m.*, *T. r.*; B.).
- TETRACHEILOSTOMI** Mol., 1858c, 417 (division of Cheilostomi of Fil.) (for *Fil. quadrilabiatum*).
- TETRADENOS** Linst., 1904n, 301 (*Ctenocephalus* Linst., 1904. not *Kolenati* 1857 renamed, hence type *tiara*); 1906, v. 3 (1), 173.—Stiles & Hass., 1905b, 142.
tiara (Linst., 1879) Linst., 1904n, 301; 1906, v. 3 (11), 173 (in *Varanus bengalensis*; lng.).
- TETRAMERES** Crep., 1846a, 130, 135, 142 (*Tropisurus* Dies. renamed, hence type *T. paradoxus*) [not *Tetrameres* Schaufuss, 1877, coleopt.].—Leuck., 1867b, 6, 96, 113.—Rail., 1916, v. 2 (3), 99.—Skrj., 1916, 526.—Stiles & Hass., 1905b, 142.—Trav., 1914, MIOC, v. 6 (3), 150–162 (1–14), pls. 16–23, figs. 1–21; 1915, Bm, v. 29, 297–298 (1–5).
bispinosa (Mol., 1860) Trav., 1914, 153 (in *Scincus officinalis*); 1915, 297 (4).
certa (Leidy, 1866) Trav., 1914, 154 (in *Diomedea exulans*); 1915, 297 (4).
coccinea (Seur., 1914) Trav., 1914, 154 (in *Phœnicopterus roseus*); 1915, 297 (4).—Skrj., 1916, 528, fig. 42 (in *Platalea leucorodia*; Lac Kultamar).
contorta (Wiedmann, 1913) Trav., 1914, 154 (in *Dichoceros bicornis*); 1915, 297 (3) to (*Microtetrameres*).
cruzi Trav., 1914, 154, 158–159, pl. 17 figs. 3–4 (in *Bucco swainsoni*, *Melanerpes flavifrons*); 1915, 297 (3) to (*Microtetrameres*).
fissispina (Dies., 1861) Trav., 1914, 153–154, 156–158, pl. 16 fig. 1, pl. 17 fig. 2, pl. 18 figs. 6–7, pl. 19 figs. 9–10 pls. 20, 21 (in *Anas boscas*, *Fulica atra*, *Gallus dom.*); 1915, 297, 298 (3, 5) to (*Tetrameres*) (in *Cignus melanocoryphus*, *Columba livia dom.*, *Meleagris gallopavo*).—Barber, 1916, 40 (in chickens; Guam).—Rail., 1915, RMv, 494; 1915, IVC, 736 (in duck).—Skrj., 1916, 527–528 (in *A. b. dom.*; *Aoulié-ata*).
globosa (Linst., 1879) Trav., 1914, 154 (in *Fulica atra*) (also *glabosa*); 1915, 297 (4).
gynæcophala (Mol., 1858; Dies., 1861) Trav., 1914, 152–153 (in *Nycticorax nycticorax*); 1915, 297 (3).
hæmochrous Crep., 1846a, 130 (in *Falco peregrinus*), 135 (s. ? *Spr. inflata*) (in *Ciconia nigra*).—Dies., 1851a, 207 (so. *Tropidocerca paradoxa*); 1861a, 675 (so. *Trop. inflata*).—Also reported for *Anas glacialis*, *Charadrius pluvialis*, *Grus cinerea*, *Mergus serrator*.
inermis (Linst., 1879) Trav., 1914, 154 (*inermes*) (in *Astur palumbarius*); 1915, 297 (4) (*inermis*).—Skrj., 1916, 528, figs. 40–41 (in *Corvus frugilegus*, *C. corone*; Russian Turkestan).
inflata (Mehlis, 1846) Trav., 1914, 153 (in *Anas boscas*, *Charadrius pluvialis*, *Ciconia nigra*, *Harelda glacialis*, *Merganser serratus*, *Mergus albellus*, *Numenius arquatus*, *Somateria molissima*); 1915, 297 (3) to (*Microtetrameres*).
micropenis Trav., 1915, 297 (3, 4) (in *Nycticorax violaceus*, *Cancroma cochlearia*; Manguinhos, Rio de Jan.; Angra dos Reis-Estado do Rio) to *T. (Tetrameres)*.
minima Trav., 1914, 154–155, 159–160, pl. 19 fig. 8, pls. 22, 23 (in *Tachyphonus cristatus bruneus*); 1915, 297 (3) to (*Microtetrameres*).
nouveli (Seur., 1914) Trav., 1914, 154 (in *Himantopus himantopus*); 1915, 297 (3) to (*Tetrameres*).
paradoxa (Dies., 1835) Trav., 1914, 151, 152, 155 (in *Anthropoides virgo*, *Anser ferus*, *Catharistes atratus*, *Falco com.*, *Grus grus*, *Mergus albellus*, *Numenius arquatus*, *Pellidina alpina*, *Scolopax rusticola*, *Sirnum perspicillatum*); 1915, 297 (3) to (*Tetrameres*).
pusilla Trav., 1915, 297–298 (3, 4–5) (in *Turdus rufiventris*, *Platycichla flavipes*; Angra dos Reis, Estado do Rio) to (*Microtetrameres*).
species Skrj., 1916, 529 (in *Aquila imperialis*; Turkestan russe); 529 (in *Falco cenchris*; Turkestan russe); 529 (in *Fuligula nyroca*; Turkestan russe); 529 (in *Vanellus cristatus*; Turkestan russe).
spiralis (Seur., 1915) Trav., 1915, 297 (3) to (*Microtetrameres*).
unispina (Dies., 1861) Trav., 1914, 153 (in *Corono cornix*); 1915, 297 (3).
- TETRAMERIDAE** Skrj., 1916, 526.—Rail., 1916, RMv, 521.—Trav., 1917, Bm, v. 31, 65.

- TETRAMERIDEA** v. Drasche, 1884a, 114 (supergeneric name—includes *Tropidocerca*).
- TETRAMERINÆ** Rail., 1915, 494; 1915, 736 (subf. of *Spiruridæ*, contains *Tetrameres*).
- THALASSIRONUS** Man. 1889b, 4 (mt. *britannicus*).—Stiles & Hass., 1905b, 142.
britannicus Man, 1889b, 4–5 (free; Penzance).—Southern, 1914, *PRIA*, v. 31, 26 (Blacksod Bay).—Stiles & Hass., 1905b, 142.
- THALASSOALAIMUS** Man. 1893, 81–83 (mt. *tardus*).—Stiles & Hass., 1905b, 142.
tardus Man, 1893a, 82–83, pl. 5 fig. 1 (marine; near Falmouth); 1907, v. 10, 227–228 (free; côtes des Cornouailles, côtes de l'Escaut oriental, Ierseke); 1907, 33, 34–35, 86, pl. 1 fig. 1 (free; Zealand).
- THELANDROS** Wedl. 1861b (1862), 470–471 (mt. *alatus*).—Rail. & Henry, 1916, *CrSB*, 114.—Stiles & Hass., 1905b, 142.
alatus Wedl. 1861b (1862), 470–471, 482, figs. 20–23 (in *Uromastix spinipes*; Egypt).—Fraip., 1882a, 104, figs. 14–15 (in *U. acanthinurus*).—Rail. & Henry, 1916, 114.—Seur., 1912, 223, 224, 225, 226, figs. 1, 2, 3, 7, 8, 9 (in *U. a.*); 1915, 4 (so. *Oxyuris uromasticola*).
- THELASTOMA** Leidy. 1849a. 231 (mt. *attenuatum*) (subg. of *Aorurus*); 1850e, 101; 1851b, 208; 1851d, 285; 1853b, 46; 1856b, 50 (*Thelastomum*); 1904a, 20–21, 36–38, 50, 66, 94.—Dies., 1851a, 558; 1861a, 630 (subg. of *Anguillula*), 632.—Galeb, 1878b, 289, 290.—Johnst., 1914, *PRSQ*, v. 26, in 76–84, pls. 1–2.—Rail. & Henry, 1916, *CrSB*, 115 (type at.).—Stiles & Hass., 1905b, 143.
alatum Johnst., 1914, v. 26, 80–82, pl. 10 figs. 3–7 (intest. of *Cacachroa decorticata*; N. Queensland).
- appendiculatum* Leidy, 1850e, 101 (intest., *Blatta orientalis*; Leidy); 1851d, 285 (s. *Oxyuris blattæ-orientalis*); 1853b, 47, pl. 7 fig. 3 (in intest. of *B. o.*); 1856b, 50 (s. in part *Anguillula macrura*); 1857, 50 (to *Aorurus*); 1904a, 37–38, 66, 94.—Dies., 1861a, 630–631 to *Anguillula* (*Thelast.*).—Galeb, 1878b, 289.
- attenuatum* Leidy, 1849a, 231 (in large intest., *Julus marginatus*; by Leidy); 1850, 315–316 (in *J. m.*); 1851d, 285; 1853b, 46–47, pl. 6 fig. 4, pl. 7 figs. 1, 23 (in *J. m.*); 1856b, 50 (in *J. m.*); 1904a, 20–21, 66, 94 (in *J. m.*).—Conte & Bonnet, 1904, 67 (in *J. m.*).—Dies., 1851a, 559 (to *Aorurus*); 1861a, 630 to *Anguillula* (*Thelast.*).—Magal., 1900a, 62.—Rail. & Henry, 1916, *CrSB*, 115.
- brevicaudatum* Leidy, 1851b, 208 (in intest., larval lamellicorn insect (*Scarabæus relictus*); near *Phila.*); 1851d, 285; 1853b, 48 (in *S. r.*); 1856b, 50 (so. ? *robustum*); 1904a, 50–51, 66, 94.—Dies., 1861a, 631 (so. *Anguillula* (*Thelast.*) *robusta*).
- depressum* (Hamm., 1838) Leidy, 1853b, 48 (s. *Oxyuris dilatata*, *Thelast. dilatatum*).—Dies., 1861a, 632 (s. *dilatatum*) to *Anguillula* (*Thelast.*) (in *Cetonia marmorata*; Wien).
- dilatatum* (Hamm., 1847) Leidy, 1851d, 285; 1904a, 66.—Dies., 1861a, 632 (so. *Anguillula* (*Thelast.*) *depressa*).
- gracile* (Hamm., 1838) Leidy, 1851d, 285; 1853b, 48; 1904a, 66.—Dies., 1861a, 631 (to *Anguillula* (*Thelast.*)) (in ? *Melolonthæ fullonis* larva).
- labiatum* Leidy, 1850e, 101 (in *Polydesmus virginensis*; by Leidy); 1851d, 285; 1853b, 47–48, pl. 7 fig. 13 (in ventriculus and large intestine of *P. v.*); 1856b (1904a), 50 (94); 1904a, 38, 66, 94 (in *P. v.*).—Dies., 1861a, 631 (to *Anguillula* (*Thelast.*)).—Magal., 1900a, 62.—Skrj. [1916], 61, 62, 63, 131, 132.
- laticolle* (Hamm., 1847) Leidy, 1851d, 285; 1853b, 48; 1904a, 66.—Dies., 1861a, 632 (to *Anguillula* (*Thelast.*)).
- robustum* Leidy, 1850e, 101–102 (in larva of lamellicorn insect; by Leidy); 1851d, 285; 1853b, 48 (in intest. of larva of lamel. coleopt. insect); 1856b, 50; 1904a, 38, 66, 94.—Dies., 1861a, 631 (to *Anguillula* (*Thelast.*)).
- venustum* Leidy, 1856b, 50 (in *Testudo polyphemus*; Georgia, U. S. A.); 1904a, 94.
- THELASTOMUM** Dies., 1851a, 558 (for *Thelastoma*).—Leidy, 1853b, 46.—Magal., 1900.
- THELAZIA** Bosc, 1819, 214–215 (mt. *rhodesii*, la Thelazie de Rhodes, Bosc, 1819, 214–215, figs. 1–2) (from cattle); Bosc in Blainv., 1819, 8.—Blainv., 1828a, 547.—Deslgch., 1824eee, 741–742; 1830c, 216–217.—Geddelst, 1911a, 108.—Nev.-Lem., 1912a, 652.—Rail., 1915, 749; 1916, *JP*, v. 2 (3), 99, 100.—Rail. & Henry, 1910, *CrSB*, v. 68, 213–216, 783–785.—Rayer, 1843d, 148 (in *bœuf*).—Stiles, 1907b, 38, 40.—Stiles & Hass., 1905b, 143.

THELAZIA—Continued.

- alfortensis* Rail. & Henry, 1910, 214-215 (2-3) (s. Fil. lacrymalis Gurlt of Rail., 1893, pars) (in bœuf; Alfort); 1910, 209 (in bœuf).—Gedœlst, 1911a, 108 (in ox).—Nev.-Lem., 1912a, 810.—Rail., 1916, 101 (in Bos taurus).
- anolabiata* (Mol., 1859b) Rail. & Henry, 1910, 216 (in Crax fasciolata).—Rail., 1916, 101 (in C. fasciata).
- callipæda* Rail. & Henry, 1910, 785 [2-3] (in chien; Rawal Pindi, N. Punjab); 1913, 209, 211-213, figs. 1-3 (in chien).—Gedœlst, 1911a, 109 (in dog).—Nev.-Lem., 1912a, 812.—Rail., 1916, 101 (in Canis fam.).
- campanulata* (Mol., 1858) Rail. & Henry, 1910, 216 (in Rupornis magnirostris).—Rail., 1916, 101 (in R. m.).
- cirrura* (Leidy, 1886) Rail., 1916, 101 (in Megaquiscalus major).
- gulosa* Rail. & Henry, 1910, 214 (in bœuf; Alfort, Sumatra); 1910, 784; 1910, v. 67, 150 (in bœuf; Alfort, Madan en Deli, Sumatra); 1913, 209 (in bœuf).—Gedœlst, 1911a, 108 (in ox).—Nev.-Lem., 1912a, 809.—Rail., 1916, 101 (in Bos taurus).
- lacrymalis* (Gurlt, 1831) Rail. & Henry, 1910, 215 (s. Fil. lacrymalis pars; F. palpebralis Wilson, 1844, not Pace, 1867) (in eye, horse; teste Gurlt); 1910, 784; 1910, v. 67, 150 (in horse); 1913, 209 (in cheval).—Gedœlst, 1911a, 109 (in horse).—Nev.-Lem., 1912a, 811.—Rail., 1916, 101 (F. palp.) (in Equus cab.).
- leesei* Rail. & Henry, 1910, 215 (3) (in chameau; Punjab); 1910, 784-785; 1910, v. 67, 150 (in chameau; by R. & H.).—Gedœlst, 1911a, 109 (in camel).—Leese, 1910, v. 5 (1), 89-92, figs. 1-2 (in eye, camel; India).—Rail., 1916, 101 (in Camelus dromedarius).
- leesi* Nev.-Lem., 1912a, 811 (for leesei).—Rail. & Henry, 1913, 209 (in dromadaire).
- papillosa* (Mol., 1860) Rail. & Henry, 1910, 216 (in Falco destructor, F. gracilis).—Rail., 1916, 101 (in Geranospizias caerulea, Thrasaetus harpyia).
- rhodesii* Rail. & Henry, 1910, CrSB, v. 68 (5), 214 (for rhodesii) (s. Thelazia de Rhodes Bosc, 1819; Thelazius rhodesii, Thelasia rhodesii, Fil. bovis Bail., 1858, F. palpebrarum Bail., 1858, F. lacrymalis Gurlt of Bail., 1866, and Rail., 1895) (in buffalo & cattle; France, Egypt, Sumatra); 1910, v. 67, 150 (s. Fil. palpebrarum Bail.) (in bœuf; Alfort, Toulouse, Egypt; buffle; Sumatra); 1913, 209 (in bœuf, buffle).—Gedœlst, 1911a, 108 (in buffalo, ox).—Nev.-Lem., 1912a, 809.—Rail., 1916, 100 (s. Fil. bovis, F. lacrymalis, F. palpebrarum, Thelazius rhodesii, Thelazia rhodesii) (in Bos taurus, Buffelus bubalis).—[Rhodes, 1819, v. 88, 214-215, 1 pl., figs. 1-2.]
- rhodesii* (Desm., 1828) Blainv., 1828a, 547 (in horse [type host is apparently Bos taurus]).—[Bosc, 1819, 8 (in cattle).]—Mol., 1858c, 406 (so. Fil. papillosa).—Rail., 1893a, 527 (so. Fil. lacrymalis).—Rail. & Henry, 1910, 214 (rhodesii) (in bœuf, buffle; France, Sumatra).—Ward, 1895a, 335 (in Bos taurus).
- rhodii* Gurlt, 1831a, 347 (for rhodesii, so. Fil. lacrymalis Gurlt).
- stereura* (Rud., 1819) Rail. & Henry, 1910, 216 (in Aquila nævia).—Rail., 1916, 101 (in A. maculata).
- THELAZIIDÆ Rail., 1916, JP, v. 2 (3), 99-105 (type Thelazia, Spiruroidea; contains also Galeiceps, Serticeps, Schistorophus, Rhabdochona, Cystidicola, Ceratospira, Oxyspirura); 1916, RM, v. 521.—Skrj., 1916, 524 (new fam.; contains Thelazia, Schistorophus).
- THELAZIUS Bosc, 1819, 498-499 (for Thelazia).—Desm., 1828a, 79.—Stiles & Hass., 1905b, 143.
- rhodesii* Desm., 1828a, 79-81 (in Bos taurus; by Rhodes).—[Chaignaud, 1828a, 77-79 (in eye of ox).]—Mol., 1858, 406.—Rail., 1916, JP, v. 2 (3), 100.
- THERISTUS Bast., 1865c, 95, 156-157 (tsd. acer) [not Theristis Hüb., 1816, lepidopt.].—Stiles & Hass., 1905b, 143.
- acer* Bast., 1865c, 156-157, pl. 13 figs. 187-188 (marine mud; Falmouth).—Man, 1907, 86 (Monohystera (Th.) acris).—Villot, 1875a, 465 (Eng.).
- normandica* Man, 1890b, 169-170, pl. 3 fig. 1 (Calvados, de la Manche) to Monohystera (Th.).
- setosa* (Büetsch., 1874) Man, 1907, 56, 86 (Zealand) to Monohystera (Th.).
- velox* Bast., 1865c, 157, pl. 13 figs. 189-191 (tide-pools; Falmouth).—Büetsch., 1874b, 262-263 (in Kieler Bucht) (to Monohystera).—Man, 1889, 7 to Monohystera (Penzancia [type]).—Villot, 1875a, 465 (Eng.).

- THOMINX Duj., 1845a, 3, 22-23 (only positive species, hence type manica).—Eberth, 1863, 44.—Rail. & Lucet, 1890b, 19.—Stiles & Hass., 1905b, 143.—Trav., 1915, MIOC, v. 7 (2), 154, etc., to Cap. (Th.).
- aerophila* (Duj., 1845) Trav., 1915, v. 7, 154 (in *Vulpes vulpes*), to Cap. (Th.).
- bacillata* (Eberth, 1863) Trav., 1915, v. 7, 155 (in *Mus norvegicus*), to Cap. (Th.).
- blomei* (Trav., 1914) Trav., 1915, v. 7, 156 (s. *Trichosoma papillosum*) (in *Tetrao urogallus*), to Cap. (Th.).
- collare* (Linst., 1873) Trav., 1915, v. 7, 155 (in *Gallus dom.*), to Cap. (Th.).
- contorta* (Crep., 1839) Trav., 1915, 154-155, 160, 162, pl. 25 fig. 11 (in *Accipiter nisus*, *Ægalitis hiaticola*, *Alle alle*, *Buteo vulg.*, *Corone corone*, *C. cornix*, *Corvus monedula*, *Erihacus rubecula*, *Larus canus*, *L. ridibundus*, *Nettion crecca*, *Pavoncella pugnax*, *Recurvirostra avocetta*, *Ruticilla tithys*, *Sturnus vulg.*, *Sterna maxima*, *Trypancorax frugilegus*, *Vanellus vanellus*), to Cap. (Th.).
- dispar* (Duj., 1845) Trav., 1915, v. 7, 155 (in *Buteo vulg.*, *Falco subbuteo*), to Cap. (Th.).
- dubius* Trav., 1917, Bm, 149 to Cap. (Th.) (in *Atilia cinerea*).
- falconua* (Rud., 1819) Trav., 1915, v. 7, 153 (in *Aceipiter nisus*, *Buteo vulg.*, *Circus cyaneus*, *C. pygargus*, *Milvus iclinus*), to Cap. (Th.) (for *falconum*).
- filliforme* (Linst., 1885) Trav., 1915, v. 7, 156 (in *Triton alpestris*, *T. cristatus*), to Cap. (Th.).
- gracilis* (Mol., 1858) Dies., 1861a, 690 (to *Trichosomum* (Th.)) (in *Merlucius vulg.*; Padua); 1861c, 280.—Carus, 1884, 173.—Stoss., 1890a, 25 (to *Trichosoma*).
- gracile* Trav., 1915, v. 7, 154 (in *Merlucius esculentus*, *M. vulg.*), to Cap. (Th.) (for *gracile* Bellingh.).
- hydrochari* Trav., 1916, Bm, 314 to Cap. (Th.) (in *Hydrochærus capibara*; Brazil).
- manica* Duj., 1845a, 22-23 (in *Fringilla cœlebs*; Rennes).—Trav., 1915, v. 7, 155 (in *F. c.*), to Cap. (Th.).
- meleagris* Trav., 1915, v. 7, 156 (s. *Trichosoma meleagris gallopavo*) (in *Meleagris gallopavo*) to Cap. (Th.).
- pachyderma* (Linst., 1877) Trav., 1915, v. 7, 155 (in *Podicipes fluviatilis*), to Cap. (Th.).
- papillifer* (Linst., 1877) Trav., 1915, v. 7, 155 (in *Chelidon urbica*, *Hirundo rustica*), to Cap. (Th.).
- parile* (Kowal., 1903) Trav., 1915, v. 7, 156 (in *Bubo ignavus*), to Cap. (Th.).
- spinulosa* (Linst., 1890) Trav., 1915, v. 7, 156 (in *Nyroca ferina*), to Cap. (Th.).
- striata* (Linst., 1879) Trav., 1915, v. 7, 155 (in *Accipiter nisus*), to Cap. (Th.).
- strumosa* (Reibisch, 1893) Trav., 1915, v. 7, 156, 160, 162, pl. 26 fig. 14 (in *Gallus dom.*, *Phasianus colchicus*), to Cap. (Th.).
- tenuis* (Duj., 1845) Trav., 1915, v. 7, 155 (in *Erinaceus europæus*), to Cap. (Th.).
- tenuissima* (Rud., 1803) Trav., 1915, v. 7, 153-154 (in *Archibuteo lagopus*, *Asio otus*, *Bubo ignavus*, *Carine noctua*, *Glaucidium passerinum*, *Nyctala tengmalmi*, *Sirniun aluco*, *Strix flamme*), to Cap. (Th.).
- totani* (Linst., 1875) Trav., 1915, v. 7, 155 (in *Tringoides hypoleucos*), to Cap. (Th.).
- tridens* Duj., 1845a, 23 (in *Sylvia luscinia*; Rennes).—Dies., 1851a, 257 to *Trichosomum* (Thominx).—Trav., 1915, v. 7 (2), 155 (in *Erihacus luscinia*), to Cap. (Th.).
- triloba* (Linst., 1875) Trav., 1915, v. 7, 155 (in *Vanellus vanellus*), to Cap. (Th.).
- THORACOSTOMA Mar., 1870a, 25-30 (? tsd. echinodon).—Büetsch., 1874b, 277.—Cobb, 1914, SE, 10.—Maupas & Seur., 1916, 616.—Stiles & Hass., 1905b, 143 (type probably echinodon).
- acuticaudatum* Jægers., 1901a, 4, 33-49 (free; near Kristineberg); 1904b, v. 35 (2), 421.
- antarcticum* Linst., 1907, v. 3, 2 (quotes Man).
- arcticum* Savelev, 1912, TSN, 124-125 (in *Lithothamnium murmanicum*; Palafjord).
- cœcum* Savelev, 1912, TSN, 124 (in *Lithothamnium*; Palafjord).
- comes* Tüerck, 1903 (1903-1904a), 330-334, pl. 11 figs. 1-3 (marine; Gulf of Nap.).

THORACOSTOMA—Continued.

- denticaudata* (Schneid., 1866) Büetsch., 1874b, 279.—Man, 1907, 87 (Zealand).—Southern, 1914a, 39 (in Blacksod Bay).
- dorylaimus* Mar., 1870a, 27, pl. H fig. 2 (free; Pharo, Endoume).
- echinodon* Mar., 1870a, 26, pl. H figs. 1-1k.—Villot, 1875a, 457 (so. *Leptosomatum coronatum*).
- figuratum* (Bast., 1865) Man, 1907, v. 7, 12.—Southern, 1914, v. 31, 38-39 (Blacksod Bay, Ballynakill Harbor, Bofin Harb., Clew Bay, Clare & Annagh Isl.).
- globicaudata* (Schneid., 1866a) Büetsch., 1874b, 278, fig. 34a-b.—Villot, 1875a, 457 (so. *Leptosomatum coronatum*).
- montredonense* Mar., 1870a, 27-29, pl. I figs. 1-1f (free; Marseille, Montredon).
- polare* Cobb, 1914, SE, 8, 9, 31-33, fig. 1 (Bay; Cape Royds).
- schneideri* Büetsch., 1874b, 278-279, figs. 33a-d (Austernbänke bei Sylt).
- setosum* Linst., 1907, v. 26 (6), 471 (free; Scotia Bay, S. Orkneys); 1907, v. 3, 1, 2; 1909, 50 (free).
- species* Linst., 1908, 28 (free; Lüderitzbucht, Africa).
- strasseni* Tüerck, 1903 (1903-4a), 284-330, pl. 10 figs. 1-19, pl. 11 figs. 4-13 (marine; Nap.).
- zolæ* Mar., 1870a, 29-30, pl. 1 figs. 2-2e.—Villot, 1875a, 458 (to *Leptosomatum*).
- Thrombosis.—Megee, 1915, VR, v. 27, 451-454, 454-460, 1 pl. (anterior mesenteric artery, horse).
- THUBUNÆA Seur., 1914, CrSB, v. 76 (15), 724-727 (mt. *pudica*) (Acuariidæ).
- pudica* Seur., 1914, 724-727, figs. 1-4 (in *Cerastes vipera*, caméléon, *Scincus officinalis*; Bou-Saâda, Oved Souf); 1916, 143.
- TILARIA Koch, 1898, AHMc, 388 (misprint for *Filaria*) (*T. sanguinis*, in *Homo*).
- TILENCHUS Huber, 1909, 6 (for *Tylenchus scandens*).
- TINEA Pre-Linnæan.—[Not *Tinea* Fabr., 1775, lepidopt.]
- rotunda* Pliné.—R. Bl., 1888a, 661 (so. *Asc. lumbricoides*).
- TOXASCARIS Leiper, 1907, BMJ, 1297 (tod. *Asc. leonina*; contains also *A. marginata*, *A. tigris*); 1907, DmW, v. 33, 983; 1907, MR, v. 71, 1043; 1907, JTVS, 444-445; 1907, JRMS, 555.—Braun, 1915a, 367.—Cast. & Chalm., 1910a, 442; 1913a, 546.—F., S., & T., 1916a, 465-466.—Gedœlst, 1911a, 132.—Glaue, 1910, ZA, 745, 756, 757 (type l.).—Nev.-Lem., 1912a, 642.—Rail. & Henry, 1911, CrSB, v. 70 (1), 14-15 (type A. l.).—Stiles, 1914, MM, v. 2, 271, 288.—Stitt, 1916a, 331.—Ward, 1916, 702.
- canis* (Werner, 1782) Cast. & Chalm., 1913a, 1293, 1317 (in *Homo*).—Stiles, 1914, MM, v. 2, 288, 289.
- leonina* (Linst., 1902) Rail. & Henry, 1911, 15 (s. *Asc. leptoptera*) (in *Felis jubata*, *F. leo*, *F. serval*).—Maupas & Seur., 1913, CrSB, 38.—Seur. & Neuville, 1913, 16-21, figs. 1-6.
- limbata* Rail. & Henry, 1911, v. 70, 15 (s. *Toxasc. marginata* (Rud.) of Leiper, 1907; *Asc. canis* Werner of Glaue, 1909) (in *Canis aureus*, *C. fam.*, *Homo*; Alfort).—Braun, 1915a, 367.—Brumpt, 1913a, 414.—F., S., & T., 1916a, 466, fig. 343.—Gedœlst, 1911a, 132 (in dom. dog, accidentally in man).—Graham-Smith, 1913, 198, 201.—Ihle, 1916, 276, 277; 1916, 1, 2.—Maupas & Seur., 1913, CrSB, 38.—Nev.-Lem., 1912a, 670.—Rail., 1915, 491; 1915, 734 (in dog).—Seur., 1914, 641.—Stiles, 1914, MM, v. 2, 288.—Ward, 1916, 702.
- marginata* (Rud., 1802 of Leiper, 1907) Rail. & Henry, 1911, 15 (of Leiper, not of Rud., 1802, so. *Toxasc. limbata*).—Braun, 1915a, 367.—Nev.-Lem., 1912a, 670.
- microptera* (Rud., 1819) Rail. & Henry, 1911, 15 (in *Canis lupus*; Mus. Wien).
- TOXOCARA Stiles, 1905, MS., in Stiles & Hass., 1905b, 150 (tod. *Lumbricus canis* Werner, 1782).—Rail. & Henry, 1911, CrSB, v. 70, 13.
- canis* (Werner, 1782) Johnston, 1916, 99.
- TRACHYPHARYNX Leiper, 1911, PZSL, 552-554 (tod. *nigeriæ*).—Hall, 1916a, 108, 109-110 (type *nigeriæ*) (*Strongylæ*); 1916b, 518.
- nigeriæ* Leiper, 1911, 552-554, figs. 142-143 (in large rodent; Nigeria).—Hall, 1916a, 110, fig. 134.
- TREFUSIA Man, 1893a, 84-86 (mt. *longicauda*); 1907, 47.—Stiles & Hass., 1905b, 143.
- longicauda* Man, 1893a, 85-86, pl. 5 fig. 3 (free; Falmouth).

- TRIBACTIS** Duj., 1845a, 3, 653 (renamed *Rhabditis* Duj., 1845a, 230, 239-246, 653, hence same type) [not *Tribacis* Billb., 1820, lepidopt.].—Stiles & Hass., 1905b, 143.
- TRICHEILONEMA** Dies., 1861a, 710-711 (mt. *megalochilum*) (*Schizoeilonema* renamed).—Stiles & Hass., 1905b, 143.
megalochilum (Dies., 1851) Dies., 1861a, 711 (in *Zacholus austriacus*; M. C. V.).
- TRICHEILOSTOMI** Dies., 1851a, 264, 278-279 (subsection of *Cheilostomi*, of Fil., only species *F. megalochila*. See *Tricheilonema*).—Mol., 1858, 417.—Stiles & Hass., 1905b, 143.
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- cystika* Schneidem., 1896a, 306 (for *cystica*) (so. *Fil. sang. hom.*).—Stiles, 1907b, 50.
- dispar* Polonio, 1860b, 23 (cf. *Fil. dispar*) (in *Corvus corax*; Ticini).—Seur., 1916, 352, 362.
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- inflexa* Duj., 1845a, 294 (in *Mullus*; Med.).—Antoinette, Edwards, 1879, 60.—Ardenghi, 1880, 48, 53, 55.—R. Bl., 1887e, 167.—Chaussat, 1850b, 85 (in *M.*; *M.*).—Stiles, 1914, MM, v. 2, 302.
- [*intestinale* Acqua Felici, 1869, 116 [not as specific name].]
- lacertæ* Dies., 1851a, 114–115 (in *Lacerta agilis*; by Rathke, 1837a 335–336, & Sieb.).—R. Bl., 1887e, 167.—Seur., 1916, 362.—Stiles, 1914, MM, v. 2, 302.

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- reticulata* Dies., 1851a, 287 (for *reticulata equi-caballi*) (to *Onchocerca*).—Rail., 1893a, 538 (to *Spiropt.*).—Ward, 1895a, 335 (in *Bos taurus*), 340 (in *Equus cab.*).
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- spiralis* Owen, 1835a, 315–324, pl. 41 figs. 1–9 (in *Homo*; Eng.); 1835b, 23–27; 1835c, 452–456; 1835l, 393–394; 1835n, 526–528; 1835q, 125–127; 1835t, 241–245; 1835u, 472–473; 1835v, 299–300; 1836b, 65–67; 1836c, 119–120; 1836d, 241; 1837e, 273–274; 1882a, 571–575.—Reported also for *Canis fam.*, *C. vulpes*, *Capra hircus*, *Cavia aperea*, *Cricetus frumentarius*, *Columba dom.*, *Erinaceus europæus*, *Felis dom.*, *Fœtorius putorius*, *Hippopotamus amphibius*, *Lepus cuniculus*, *L. timidus*, *Mus decumanus*, *M. musculus*, *Mustela martes*, *Ovis aries*, *Scalops aquaticus*, *Spermophilus 13-lineatus*, *Sus scrofa*, *S. s. dom.*
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(ZURICH) Eichhorst, 1901a, 305-311, fig. 50.

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(BOSTON) Frothingham, 1908, JMR, v. 19, v. 14 (2), 301-308, figs. 1-2, pl. 11 figs. 1-5; 1909, CfB, v. 44 (5), 143.

(DEUTSCHLAND) Böhm, 1890, ZFM, v. 18 (10), 319-324, figs. 1-3, pls. 1-2; 1908, DtW, v. 16 (39), 560-561.

(LOND.) Bristowe & Rainey, 1854a, 274-298, pls. 13-15; 1854b, 1-24, pls. 13-15.

(MOSKOW) Tikhomirov, 1880a, 1-23, figs. 1-17.

(OXFORD, ENG.) Rollest., 1888a, 677, 679, 680, 682, 683, 685, 686, 688.

(WIEN) Wedl, 1866a, 30-31; 1866b, 127; 1866c, 135-137; 1866e, 94.

(WIESBADEN) Stäubli, 1909, 1-300, pls. 1-14 figs. 1-18.

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(KJØBENHAVN) Høeyberg, 1906, 1-32; 1906, LB, v. 39 (33), 421, 423; 1907, ZT, v. 11, 209-236; 1910, ZT, v. 14, 74-79; 1910, DtW, v. 18 (28), 419.

(PETROGRAD) Schmidt, Ponomarer, Savelier, 1915, CrSB, v. 78 (10), 306-307; 1915, Pm, v. 33 (26), 212.

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(BERL.) Lion, 1864a.—PmZ, 1864, 38, 135.—[?—, 1868, 2 Aufl., 1-38.]

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(BERL.) Langerhans, 1892a, 205-216; 1892b, 222-223; 1893a, 118-119; 1893b, 465; 1894a, 174 (regressive changes in).—Ostertag, 1898b, 11-12, figs. 1-2 (ungewöhnliche Fettgewebesentwicklung an den Polen von).

(HEIDELBERG) Bischoff, 1840a, 232.

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(BRAUNSCHWEIG) Müell., 1866a, 253-255.

(BRESLAU) Land., 1912, BkW, v. 49 (34), 1638 (im Röntgenbilde).

(ELDENA) Fűrstenberg, 1865a, 551-552.

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(BERLIN) ZFM, 1896, v. 6 (7), 136.

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(AUGSBURG) May, 1865a, 17-18.

(BERL.) Virchow, 1859b, 660-662; 1859c, 737-738; 1860a, 330-346, pls. 9-10; 1860e, 13-16; 1860f, 109-112; 1860g, 440-441; 1860h, 563-564; 1860i, 76; 1860k, 538-540.

(BRAUNSCHWEIG) Sieb., 1850c, 668.

(FRANCE) Chatin, 1882f, 413-421.—Duj., 1845a, 293, 294.

(LEIPZIG) Fiedler, 1864a, 1-29.

(ST. LOUIS) Wadgyrmar, 1866a, 97-109, figs. 1-3.

(U. S. A.) Tyzzer & Heneij, 1917, JP, v. 3 (2), 43-96, pl. 1 figs. 1-3.

—, experiments:

(AUGSBURG) WTV, 1863, v. 7 (51), 411-412.

(BERL.) Virchow, 1859a, 430.—ZFM, 1893, v. 3 (5), 108 (Uebertragungsversuche mit amerikanischen Tr.).

(BUCAREST) Alexandresco, 1893, 310; 1894, 137-146 (rabbits).

(CHICAGO) Belfield & Atwood, 1879a, 288-289; 1880a, 47; 1880, GC, v. 34 (18), 2.

(DRESDEN) Haubner, Leisering & Kũech., 1863a, 114-120; 1863b, 411-412.

(GETT.) Herbst, 1851a, 260-264; 1852a, 183-204; 1852b, 135-136; 1852c, 63-64; 1853a, 209-211; 1853b, 491.

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(HEIDELBERG) Pag., 1865a, 1-116, pls. 1-2; 1865c, 622-623; 640-641; 1865d, 938-942; 1866a, 147-151; 1866b, 1-112, pls. 1-2; 1867a, 277-280; 1868c, 83-84.

(ITALY) Perronc., 1879f, 60-92, pls. 1-2; 1880, AAA, v. 22, 401-457, figs. 1-7; 1880b, 452-487, figs. 1-7; 1880q, 601-603; 1880x, 179-180; 1881r, 136-137.

(LOND.) Cobbold, 1867l, 205-212; 1867m, 91-92.

(MÜNCHEN) Stæubli, 1905d, 353-361, pls. 6-7; 1905e, 352; 1905f, 548-549; 1905k, 827.

(PARIS) Rebourgeon, 1881b, 208; 1882a, 117-118.

(PHILA.) Keilty, 1914, PPS, v. 16, 15-16.—Leidy, 1860b, 96.

(SCHMIEGEL BEI KUSCHEN) Peters, 1865a, 66-71.

(WASH., D. C.) Rans., 1915, JP, v. 1 (4), 200-201.

— — —, feeding:

(BERL.) Virchow, 1860d, 535-536.

(DRESDEN) Kûech., 1861n, 385-386.

(WIEN) Claus, 1860c, 155-157.

— — —, feces of rats:

(DENMARK) Høeyberg, 1906, CfB, v. 41, 210-211.

(DEUTSCHLAND) Ræbiger, 1911, VGdNA, 541-543; 1911, ZIpKHH, v. 9, 120-154, tables 1-6.—Rissling, 1910, ZT, v. 14, 279-309.

— — —, trichinized meats:

(ALGERIA) Decroix, 1881a, 85.

(BERL.) Müell., 1864a, 485-505; 1865a, 1-15; 1865b, 71-76; 1865c, 331-346.—ZFM, 1892, v. 2 (11), 225; 1893, v. 3 (4), 86; 1893, v. 4 (2), 39.—Klaphake, 1892a, 152-153; 1901a, 197-203.

(ELDEN) Fûerstenberg, 1864a, 274-276, 283-286; 1864, OVwV, v. 22 (2), 168-170.

(FRANKFURT A. MAIN) Schenk, 1893a, 87.

(GIESSEN) Mosler, 1864a, 554-555 (pigs).

(MASSACHUSETTS) Mark, 1895a, 757-762 (pigs).

(PARIS) Rebourgeon, 1881a, 1-17.

(WESSELBUREN) Janssen, 1892a, 109-110; 1892b, 237-238; 1892c, 381-382; 1892d, 197-198; 1892e, 172; 1893a; 411-412; 1894a, 141.

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(ALABAMA) Graham, 1897a, 219-275, pls. 1-27; 1897b, 219-273; 1897c, 12-16, figs. 1-4; 1898b, 245; 1899a, 341; 1903a, 18.

(BERL.) Virchow, 1866b, 1-47.

(BRESLAU) Long, 1875a, 1-9; 1878a, 1-16.

(LOND.) Mans., 1901c, 551-552.

(MÜNCHEN) Hertwig & Graham, 1895a, 12-16, figs. 1-4; 1895b, 504-505, figs. 1-4; 1896a, 32-33, figs. 1-4; 1896b, 425-426; 1897a, 97; 1897b, 208; 1897c, 474-475.

(MÜNSTER) Reeker, 1898a, 42-45; 1899a, 194-195.

(PHILA.) Tyson, 1903a, 1191-1192.

(TÜBINGEN) Luschka, 1851a, 69-80, figs. 1-6.

— — —, adult:

(LEIPZIG) Leuck., 1860g, 259-262; 334-335; 1860h, 1-4 to 1-2; 1860i, 18-21; 1860k, 168-171; 1860o, 503-504; 1860p, 198-199.

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(ERFURT) Wallmann, 1897a, 32, figs. 1-3 (zur Differentialdiagnose).

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(MÜNCHEN) Steubli, 1905g, 163-176; 1905h, 514; 1905i, 312; 1905l, 29; 1906g, 112; 1906h, 606-607; 1906i, 167; 1907b, 19.

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(MÜNCHEN) Stæubli, 1908a, 2601-2603; 1908b, 956; 1908c, 95.

(U. S. A.) Herrick & Janeway, 1909, AIM, v. 3 (3), 263-266, pl. 1; 1909, FM, v. 27 (36), 1381.—Janeway, 1909, AIM, v. 3, 262; 1909, CPA, v. 20 (19), 889-890.—Lamb, 1911, AJMS, v. 142, 395-402, fig. 1; 1911, NYMJ, v. 94 (12), 601; 1911, JAMA, v. 57 (15), 1236; 1912, MSRP, v. 9, 145-154, pl. 1.—Packard, 1910, JAMA, v. 54 (16), 1297, figs. 1-2; 1910, NYMJ, v. 91 (17), 871; 1910, MR, v. 77 (18), 766.—Simmons, 1909a, 302-303.

—, larva, in muscle:

(BERL.) ZFM, 1893, v. 3 (11), 228-229.

(BONN) Weber, 1862a, 129-130.

(DETROIT) Reynolds, 1886a, 190-191.

(DEUTSCHLAND) Fränkel, 1905, Jan. 3, 48.—Heitzmann, 1891b, 373-379; 1892a, 94; 1892b, 739.—Meyer, 1909, DFZ, v. 6 (3), 35, figs. 1-3 (Lebensäusserung durch Eigenbewegung).

(DRESDEN) Edelm., 1897d, 34.

(MILAN) dell'Acqua, 1869, 116.

(MOSKOW) Ossipov, 1903a, 1-16, pls. 1-2; 1903b, 253-268, figs. 1-13; 1903c, 1887; 1904a, 156-157 (histologische Veränderungen in Spätstadien).

(PARIS) Chatin, 1881f, 1528-1530; 1881g, 160-161; 1881h, 1-25; 1884a, 1-22, figs. 1-14.—Ordóñez, 1862a, 325-330, pl. 17 figs. 1-3 (distinction des sexes); 1863d, 656-657; 1864a, 61-62.

(PARMA) Ardenghi, 1880a, 48, 53, 54, 55, fig. 2.

(PHILA.) Köhn, 1888a, 177-178 (blood supply).—Richardson, 1878a, 568-569 (in biceps).

—, longevity:

(DEUTSCHLAND) Babès, 1906, CfB, v. 42, 541-545, 616-619, figs. 1-2; 1907, CPA, v. 18, 185; 1907, ZFM, v. 17 (6), 214-215; 1907, Cv, v. 30, 154; 1907, H, v. 2, 22-23; 1908, HR, v. 18, 99.—Boehm, 1910, ZFM, v. 20 (7), 244.—Busse, 1910, T, v. 49 (6), 137.

(HANOVER) Dammann, 1876a, 92-95; 1877a, 103-104.

(LOND.) Lawson, 1889, L., v. 1 (15); 1892, MpT, v. 3 (11), 511.

(MILAN) Clin. Vet., 1898, v. 21 (24), 304.

(POSEN) TAMS, 1910, v. 19 (2), 177.

(WASH., D. C.) Stiles, 1907e, 527.

(ZWICKAU) Ludw., 1910, BVK Sachs., v. 54, 164; 1910, DFZ, v. 7 (12), 187.

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(DEUTSCHLAND) Boehm, 1909, ZFM, July —; 1909, H, v. 4 (7), 54-55; 1910, RV, v. 35 (4), 231-232.

—, —, adipose tissue:

(ANN ARBOR, MICH.) Microscope, 1882, v. 2 (5), 172.

(NEW YORK) AVR, 1883, v. 6, 573.

(PARIS) Chatin, 1881o, 737-739; 1881q, 224; 1881r, 376; 1881s, 62; 1881t, 395-396; 1882a, 502.

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(BERL.) Hirschberg, 1875a, 421-423.

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(JENA) Dahl, 1907, NW, v. 22, v. 6 (13), 206.

(PARMA) Ardenghi, 1880a, 48, 53, 55.

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(BERL.) Mosler, 1864a, 1-89.—PmZ, 80.

(EDINB.) Turner, 1860a, 209-216; 1860b, 223-224; 1860c, 294-298.

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(ELDENA) Fürstenberg, 1865c, 191-193.

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(HANOVER) Gerlach, 1866b, 1-90, pls. 1-6; 1873a, 1-90, pls. 1-6.

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—, Pseudotrachinæ:

(ANN ARBOR, MICH.) P&S, 1881, v. 3 (9), 432.

(DEUTSCHLAND), Glage, 1910, DFZ, v. 7 (4), 58.

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(FRANCE) Mégn., 1881w, 332-333; 1881dd, 196; 1881ee, 1004; 1881ff, 163-166; 1881ii, 189-198, figs. 1-6; 1881kk, 1-10, figs. 1-6; 1881ll, 937-948, fig. 1-6; 1882b, 275-287, figs. 1-6, 299-301; 1882k, 183-186; 1882aa, 86-87; 1888cc, 49-53, 65-72, figs. 1-6; 1882rr, 342; 1882ss, 178; 1882tt, 217-218.

(GREIFSW.) Gerst., 1866a, 436-477; 1866b, 1-12.

(KASSEL) Wiederhold, 1865a, 549-552; 1865b, 193-194.

(LEIPZIG) Beckers, 1889a, 57-67, fig. 1.

(MAGDEBURG) Michaelis, 1866a, 158-159.

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(LÆWEN, BELGIUM) Ben., 1859e, 452-453.

(PARIS) Milne-Edwards, 1859a, 457.

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(ALGERIA) Bellen, 1879a, 146-153.

(ALFORT) Colin, 1884b, 219-240; 1884c, 121-137; 1884d, 347-358.

(BAHIA) Chernowitz, 1868, GmB, v. 3, 111-112; 1869, *ibid.*, v. 3, 123-124, 135-136.

(BAYERN) Arnold, 1910, Diss., Giessen; 1912, ZFM, v. 23 (2), 38; 1912, BtW, v. 28 (5), 92.

(BERL.) Richter, 1865a, 1-32.—Schmidt, 1865a, 1-32.

(BRESLAU) Lebert, 1866a, 181-183; 1866b, 465-570; 1866c, 195-199, 217-219, 254-257, 294-298, 321-324, 349-351; 1866d, 1-63.—Ostrowicz, 1866a, 1-23.

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(DETROIT) Bradley, 1875a, 13-18, 33-34.

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(FRANCE) Robin, 1865a.

(ITALY) Dancsi, 1881, G. l'Impar., v. 11 (2), 212-213, 254-255.—Volpino, 1917, Pol.; 1917, MR, 1157.

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(MADRID) Prieto y Prieto, 1879a, 237-269.

(MILAN) dell'Acqua, 1866, 652-658; 1869, 113-122, 129-134.—Antonietti, 1879, 58-65.—Guzzoni, 1879a, 1-29; 1879b, 77-78, 101-116, figs. 1-4; 1879c, 641-642.—Valerani, 1869a.

(MONTPELLIER) Farjou, 1865a.

(NEWARK, N. J.) Eyrich, 1866a, 421-424; 1867a, 90-94.

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(PARIS) Acloque, 1913, Cosmos, v. 68, 92-94, fig. 1.—Barth, 1884b, 609-614.—R. Bl., 1887e, 113-170; 1881i, 412-413.—Cagny & Gobert, 1910, Dv, v. 2, 951, 952, fig. 1938.—Chatin, 1883a, 1-257; 1883b, 227-229; 1883c; 1883, AZeg, v. 1, xxvii-xxx.—Dav., 1881a, 249-263.—GhMC, 1866, v. 3 (9), 131-133; (10), 148-149.—GmP, 1866, v. 21, 193-194, 232-233.—Laborde & Dassy, 1881a, 101-103, 111-113; 1881b, 254-255.—Lab., 1879b, 163, 178.—Levy, 1879a,

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(PAVIA) Visconti, 1879b; 1879c, 1–21, pls. 1–2.

(PETROGRAD) Petropavlovsky, 1905a, 595–638, 714–743, 841–879, figs. 1–7.

(PRAG) Fleckles, 1866a.

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(TORINO) Moriggia, 1868a, 11–19.—Tommasi-Crudeli, 1863a, 349–371, 413–477.

(U. S. A.) Ashford, 190?, 123 (army).—Wilson, 1881, RCUSC, v. 13 (11), 355–359.

(WARSAW) Seifman, 1864a, 219–251, figs. 1–6.

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(BERLIN) Ostertag, 1892, 45–50.—Rohowsky, 1909, DFZ, v. 6 (9), 131–133.

(KIEL) Geisse, 1894a, 1–18; 1895a, 150–160, 1895b, 912; 1895c, 655; 1895d, 437; 1895e, 12; 1895f, 533; 1895g, 795–796; 1895h, 588; 1896a, 196; 1897a, 96–97; 1897b, 208; 1897c, 474.

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(DEUTSCHLAND) Braun, 1903a, 244, 248, 250, 253; 1906a, 19, 311 (in *Calliphora vomitaria*); 1908a, 283, 313; 1915a, 285, 289, 332.—Hempel., 1912a, 101, 103, 105.—Looss, 1911a, 188.—Neum. & Mayer, 1914a, 412.

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(NETHERLANDS) Sl. & Sw., 1912a, 339–348.

(U. S. A.) Hall, 1913, S, v. 37, 197–198; 1916a, 9, 10, 178.—Pratt, 1916a, 221.—Rans., 1911a, 15, 110, 120, 121.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 143.—Ward, 1903l, 207, 217; 1916, 677, 678, 694.

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(BUENOS AIRES) Wolffh., 1911, LZ, 57.

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- (DEUTSCHLAND) Böhm, 1908, WTV, v. 52 (31), 592-593; v. 52 (35), 667; v. 52 (37), 702-703; 1908, ZFM, v. 19 (1), 16-17; 1908, H., v. 3 (11), 87-88; 1912, MtW, v. 56 (31), 562; 1915, *ibid.*, v. 66 (8), 146; 206-207.—DtW, 1906, v. 14 (24), 288.
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- (CHICAGO) Bloch, 1915, JAMA, v. 65 (25), 2140-2141, fig. 1 (larvæ in spinal fluid); 1916, IMJ, v. 29 (5), 369-373.—Chester, 1914, IMJ, v. 26 (1), 27-28.—Chic. Vet. Coll. Quart. Bull., 1915, v. 14 (2), 32-33.—Cross, 1910, JAMA, v. 55 (15), 1324; 1910, AIM, 301-302, fig. 1 (tr. found in blood from an ordinary ear puncture).—Cummins & Carson, 1916, JAMA, v. 66 (24), 1856-1857 (embryo in spinal fluid).—Elliott, 1916, JAMA, v. 66 (7), 504-505 (larvæ in spinal fluid).—Fenger, 1881a, 208-212, 1 chart.—Lintz, 1916, JAMA, v. 66 (24), 1856 (and the cerebro-spinal fluid).—Packard, 1897a, 59-63, figs. 1-2.—Pietrowicz, 1903a, 201-202; 1903b, 738.—Preble, 1916, MC, v. 1, 1163-1171 (tr. in the spinal fluid).
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- (DANVILLE, KY.) Jackson, 1867a, 82-102, figs. 1-4; 1867b, 1-21, figs. 1-4.
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- (DOWNEVILLE, CALIF.) Jump, 1891a, 216-218.

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- (CLAY CO., ILL.) Boyles, 1869a, 322-324.
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- (DE KALB CO., ILL.) NMYJ, 1870, v. 11 (1), 107-108.
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- (LOND.) Beadles, 1898, TPSL, v. 49, 262-289, pl. 8, figs. 1-6 (associated with Myxodema).
- (MAGDEBURG) Voigtel, 1865a, 837-841, 853-856.
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(HOMBERG) Schleiss, 1903a, 1799; 1903b, 693-694; 1904a, 59-62; 1904b, 1-38, figs. 1-2; 1904c, 580-581; 1904d, 572; 1904e, 653-654; 1904f, 1717; 1904g, 65; 1904h, 1176; 1904i, 1046-1047; 1904k, 1026; 1904l, 878; 1904m, 274-275.

(MASSACHUSETTS) Cutler, 1902, TAAP, v. 17, 356-362.

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- (CALBE A. D. S.) Kanzler, 1863a, 259-262.—Simon, 1862a, 297-301, 305-307.
- (CARTAGENA) Ruiz y Sanchez, 1887a, 115-120, 135-6, 147-151, 166-170, 179-185, 195-201, 211-217.
- (CELLE) Baring, 1864a, 236-238; 1864b, 338-343.—Møelleney, 1879, 32.—Scheller, 1864, *ZpHMW*, v. 1 (2), 236.
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- (DINGELSTAD) Union méd., 1880, v. 30 (164), 972.
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- (DRESDEN) Erdmann, 1871a, 9-10.—Fiedler, 1865b, 503-513; 1865c, 461-462 (Verlauf der Körpertemperatur).—Küech., 1866e, 11-12 (Frenzer).
- (EMERSLEBEN, DEESDORF, NIENHAGEN, THORN) Bouley, 1884a, 32-3, 57, 58.—Grancher, 1884b, 13-17; 1884c, 34-5, pls. 1-2; 1884d, 47-56; 1884e, 143-157, pls. 1-2; 1884f, 147-154.—Hanlo, 1884a, 37-39.—*NYMJ*, 1884, v. 39 (3), 71.—Stammer, 1884a, 2-3; 1884b, 7-8; 1884c, 180-182.—Vallin, 1883a, 969-973.—Wagner, 1884a, 1-79, charts 1-13.—Winselmann, 1884a, 13-4; 1884b, 180-182.
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- (FRANCE) Lab., 1879b, 163, 178 (la première observée en France); 1881b, 206-218.
- (GARHWAL, CALCUTTA) Thomps., 1907, *IMG*, v. 42 (10), 373-374.
- (GIESSEN) Mosler, 1865a, 422-429.
- (GIVES) Riedel, 1888, *AMv*.
- (GOES, HOLLAND) Hendrickx, 1888a, 645-648; 1889a, 473-474.
- (GETEBORG, SWEDEN) Ammitzboell, 1882, 101-3, 104, 105.—Bostroem, 1882a, 184-187.
- (GOTT.) Husemann, 1895a, 519-520, 537-9, 554-5 (16th century).
- (GREIFSW.) Grohe & Mosler, 1866a, 473-477.—Land., 1863c, 29-30.
- (GR. GOTTERN) Seyferth, 1875a, 47-8.
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- (HALLE) Haring, 1866, *Savannah JM*, v. 5 (2), 83-87.
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- (HOMBURG) Seifert, 1908a, 554.
- (IGLAU) Schwartz, 1891a, 206-207.
- (INOWRAZLAW) AmCZ, 1887, 88, 1282.—VkG., 1887, v. 11 (46), 665.
- (IOWA) Albert, 1910, AJMS, 167-174; 1910, BMJ, Ep., 65; 1910, JAMA, v. 55 (10), 886; 1910, NYMJ, v. 92 (8), 386-387.—Albert & Norris, 1908, 5-15, charts a-b; 1908, BMJ, 1902-1903; 1909, VR, 495-496 (boiled ham; eosinophilia).—McClure & Ware, 1915, JISMS, v. 5 (5), 182-191.
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- (KJØBENHAVN) Petersen, 1904a, 679-686.—MfD, 1905, v. 17 (7-8), 271.—Støedter, 1902a, 695-696; 1903a, 153; 1903b, 188.
- (KLEIN-QUENSTADT) Strassner, 1895a, 500-504; 1896a, 91-92.
- (LEIPZIG) Wagner, 1864a, 183-187; 1864b, 348; 1864c, 226-227.
- (LINDEN) Hundøgger, 1875a, 20-24.
- (LOND.) Vet., 1884, v. 57 (674), 115-116.—VJACP, 1880, v. 10, 367; 1894, v. 38, 391.
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- (MADRID) de Segovia, 1908a, 212-215; 1908b, 1604.
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- (PENN.) Ballagi, 1913, NYMJ, v. 98 (24), 1166-7.
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- (QUEDLINBURG) Wolff, 1864a, 151-4, 172-4.
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- (TULÁ) Dedüelin, 1912, ZFM, v. 22 (10), 315–316.
- (VLADIKAVKAZ) Maksimovitch, 1890a, 751–755.
- (WARSAW) Chelchowski, 1906, G, v. 26, 625–659.
- (WEGELEBEN) Mosler, 1865a, 414–422 (diagnosis, symptoms).
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- (ALGER, MURCIA) Ve, 1914, v. 58 (3), 59–60.
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- (ANGERSBURG) VJACP, 1878, v. 6, 218.
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- (AUGUSTENBURG) BtW, 1905 (18), 334.
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- (AUSTRALASIA) Johns., 1902a, 120–1; 1902b, 415; 1903a, 200.
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- (BARCELONA) Linares Enriquez, 1883a, 405–8.
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- (BRAUNSCHWEIG) Nicol, 1887a, 383–4; 1888a, 9–12 (das Schlachthaus).
- (BROOKLYN) NYMJ, 1880, v. 17, 599.—Shrady, 1880a, 599–600.
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- (CHINA) Gray, 1912, BMJ, v. 1, 846–7 (reports from consulates).
- (CONSTANTINOPLE) Gabuzzi, 1879a, 27–30.
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- (HANOVER) Schuchardt, 1864b, 641-4.
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- (HOMBURG) MN, 1903, v. 83 (11), 515.
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- (INDIA) Lancet, 1864, 24 Dec.—MN, 1865, v. 23, 79.
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- (NORMANDY) Spalikowski, 1897a, 1056-7; 1898a, 352-3.
- (NÜRNBERG) ZFM, 1900, v. 10, 159.
- (OBERCUNEWALDE) Riedel, 1888a, 340-8.
- (OESTERREICH) ZFM, 1893, v. 4 (2), 39; 1894, v. 4 (7), 142; 1904, v. 14 (7), 246.
- (OPATOW) ZFM, 1895, v. 5 (6), 122.
- (OREGON) Mon. Rep. Dept. Agric., 1870, 293.
- (OTSEGO, MICH.) Mitchell, 1878a, lxxii-lxxiii.
- (PAKOSLAW) VkG, 1896, v. 20 (47), 887.
- (PENN.) AVR, 1884, v. 8, 102.
- (PETROGRAD) DmW, 1885, v. 11 (16), 263-264.—Kryloff, 1866a, 488.—Seps, 1877, v. 2 (2), 124.
- (PORTUGAL) da Silva Amado, 1869a; 1869b, 359.
- (POSEN) Busse, 1909, CfB, v. 52, 368-377; 1910, JRMS, (1), 36; 1910, ZFM, v. 20 (9), 315 (Vorkommen, Verbreitung).
- (PREUSSEN) Hentschl, 1905, ZFM, v. 16 (3), 101.—JCMS, 1886, v. 7 (2), 230.—RT 1875, v. 36, 428.—Thierarztl. Mitth. 1868, v. 3 (8), 128.—VkG, 1896, v. 20 (14), 257.—Vet., 1880, v. 53 (627), 195-6; 1882, v. 55 (652), 251; 1883, v. 56 (663), 196-7.—Wölf, 1885, 34, 309.—ZFM, 1894, v. 5 (2), 38 (Häufigkeit); 1900, v. 10, 159; 1905, v. 16 (12), 101.
- (RAABS, N.-OE.) Grassl, 1876a, 350, 361-2.
- (RADOMNO I. WESTPR.) ZFM, 1912, v. 22 (8), 262.
- (RHEINLAND) ZFM, 1907, v. 18 (1), 38.
- (ROUMANIA) Paun, 1910, Av, v. 7 (4), 236-250; (5) 293-318.—WTV, 1874, v. 18, 139.
- (RUSSIA) Knoch, 1874a, 528; 1880a, 125-7.—Kryloff & Favr, 1876a, 320-331.—Nebykov, 1884a, 601-4; 1885a.—Rudnev, 1866a, 600-4; 1866b, 193-6 (figs. 1-2), 204-6 (fig. 1), 213-5, 225-7, 237-240.—ZFM, 1893, v. 4 (2), 39.
- (SACHSEN) Merbach, 1864a, 436-8.—PmZ, 1863, 328 (raw Bratwurst eaten in Sachsen).
- (SACHSEN-ALTENBURG) Geinitz, 1868a, 61-3.
- (SCHLESWIG-HOLSTEIN) Borstelmann, 1912, DFZ, v. 9 (21), 246.
- (SCHWABEN) Walser, 1866a, 219-221.
- (SEVILLA) Tuñon, 1880a, 73-7, 93-7.
- (SPAIN) AVR, 1881, v. 5, 33.—Beltran, 1916, DFZ, v. 13 (4), 36-37.—Brea, 1901a, 484-5.—Garcia é Izcara, 1901a, 113-5, 121-4, 136-8, 145-6, 157-160.—Mauri, 1879a, 109-112, 148-150.—Mendez Alvaro, Pereda y Martinez & Casas de Batista, 1879a, 193-203.—NYMJ, 1883, v. 37, 577.—Suarez, 1877a; 1878a, 1-104; 1879a.—Vic, 1879a, v. 4; 1880a, 531-2; 1881a, 76.—ZFM, 1901, v. 11 (12), 373.
- (SÜDDEUTSCHLAND) Göering, 1874a, 261-3.—Ostertag, 1908, WTV, v. 52 (35), 667; ZFM, (11).—ZFM, 1896, v. 6 (10), 205-6.
- (SVERIGE) MfD, 1908, v. 19 (11), 438.
- (SWEDEN) Key, 1866a, 216-223; 1867a, 1-18; 1867b, 1-18; 1867c, 302-4; 1867d, 65-74; 1867e, 1-21; 1869a, 15-16; 1875a, 800.—Nystedt, 1908, MfD, (11), 1908, BtW, (47), 848; 1908, ZFM, v. 19 (3), 117.—Sandeberg, 1909, ZFM, v. 19 (10), 373 (bei Schlachtthieren; Finnen, Tuberculose).
- (SWITZ.) Nägeli, 1905a, 645-650; 1905b, 1772; 1906a, 770; 1906b, 384.—Roth, 1880a, 129-133.—Visconti, 1869b; 1869c.—Zäslin, 1881a, 684.—Züendel, 1868a; 1869a, 284.

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(SYRIA) AVR, 1879, v. 3, 199.—MR, 1881, v. 19, 222.—Monsally, 1881a, 430-1.—Shrady, 1881a, 222.—Wortlabet, 1881a, 553-4; 1881b, 519-520; 1881c, 376-7; 1881e, 102-3; 1883b, 183; 1884a, 80-81.

(TEPLITZ) ZFM, 1903, v. 13 (11), 375.

(TESSIN) Med. vet., 1869, v. 4; RT, 1869, v. 30, 268-9.

(TICINO) Beroldingen, 1869a, 84; 1870a, 156-9.—Jau ch, 1869a, 72-83 (Ravecchia).—Pavesi, 1874a, 25-27 (Ravecchia).

(TIFLIS) Vartonov, 1892a, 23-4; 1893a, 563.

(U. S. A.) Beecher, 1908, JAMA, v. 47, 1617; 1907, VMM, v. 13 (7), 164-175, figs. 1-3.—Pietra Santa, 1884a, 1-41; 1884b, 233-5.—Seymour, 1911, JAMA, v. 56 (14), 1030-1 (in Italians, from eating raw ham or "prosciutto").—VkG, 1887, v. 11 (10), 144.—Verrill, 1870c; 1870d, 111-119.—Vet., 1881, v. 54 (638), 90-1.—VJACP, 1879, v. 9, 212.—Williams, 1902g, 17.

(VALENCIA) Gomez y Reig, 1883a, 97-102.

(WESTFALEN) Müell., 1876a, 155-8, 169.

(WIEN) Flamm, 1867a, 1171-4, 1380-2, 1494-7, 1571-3; 1868a, 139-142, 730-733.

(WITTENBERG) Aerztl. Int.-Bl., 1870, v. 17 (20), 262-3; (51), 626.

(WLOCLAWKA, KUTNOW, AND GOSTIN DISTRICTS) Mojkowski, 1913, Zdrowie, v. 29, 573-9.

(WÜRTEMBERG) Pfeilsticker, 1887a, 161 (no trichinosis).—VkG, 1898, v. 22 (44), 960.

—, historical data, Geschichte:

(BERL.) DSVZ, 1909, v. 9 (28), 403.

(BRUXELLES) Van den Corput, 1866, JdM Bruxelles, v. 43, 341-345.

(DEUTSCHLAND) Böhm, 1910, ZFM, v. 20 (5), 157-159; (8), 277; 1910, MtW, v. 54 (22), 377-379.—Schroeder, 1911, DFZ, v. 8 (3), 33-35.

(ERLANGEN) Zenker, 1865b, 477-480.

(LEIPZIG) Huber, 1897a, 684-686; 1897b, 34.

(LOND.) Cobbold, 18661, 224-225; 1866m, 291; 1866n, 302; 1882k, 911; 1882l, 1056.—Nunneley, 1866a, 252-253.—Owen, 1882b, 989; 1883, JAP, v. 19, 108-110.—Paget, 1866a, 269.—Peacock, 1828a.—Wilks, 1866a, 269-270.—Windsor, 1866a, 319-320.

(NEW YORK) MR, 1899, v. 51, 504.

(PHILA.) Phila. Press, 1890, 8 Jan.

(ROTTENBURG A. N.) Ritter, 1864a, 97-98, 105-110, 113-115, 121-123.

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(BERL.) DFZ, 1912, v. 9 (14), 163-164.—ZFM, 1891, v. 1 (10), 183; 1895, v. 5, 120 (influence of meat inspection); 1896, v. 6 (12), 244-5.—Zwicke, 1841a, 28.

(DEUTSCHLAND) Knorr, 1912, DAKM, v. 108, 137-159, figs. 1-2; 1912, Diss. München, Dec.; 1912, 1-23; 1912, DmW, v. 38 (47), 2236; 1912, MmW, v. 59 (50), 2746; 1913, CfB, v. 57 (5), 140.

(DRESDEN) Zenker, 1860a, 561-572 (probably first time word Trichinenkrankheit was used).

(EDINB.) Knox, 1836a, 133; 1836b, 89-94, pls. 1-3 figs. 1-12; 1837a, 1-14, pl. 1; 1843a, 805 (s. *Vibrio humana*; statistics).

(FRANCE) GmO, 1865, v. 8, 38-44 (exposé historique).

(KASAN) Pozaryski, 1909, Kaz. MJ, v. 9, 332-336; 1910, CPA, v. 21 (4), 163-164 (acute).

(KJØBENHAVN) Bergh, 1862a, 203-204.—Cv (Milan), 1903, v. 26 (10), 62.—Ditlevsen, 1868a, 169-171.—Ring, 1868, 153-162.—ZFM, 1903, Feb.

(LOND.) Gamgee, 1864b, 141-148, pl. 6.

(OHIO) Abbott, 1889, 146.

(PARIS) Chatin, 1883, BSpP, v. 7 (2), 107-112 (histological).—Gschwender-Oswald, 1872a, 1-74.—Scoutette, 1866a, i-viii, 1-108.

(SACHSEN) Kûech. & Zûern, 1881a, in 5-582, figs.—Leuck., 1860q, 151-160.

(TORINO) Franchini, 1864a, 224-229.

(WIEN) Engelsberg, 1860a, 326-328.

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(BERL.) Vkg, 1891, v. 15 (23), 356-357.

(BOSTON) Billings, 1884a, 2-41.

(HARTFORD, CONN.) Cressy, 1882a, 245-260, figs. 1-3, pl. 2, figs. 1-5; 1882b, 1-18, figs. 1-3, pl. 1 figs. 1-5 (nat. hist., path.).

(LEIPZIG) Hübn., 1910, DmW, v. 36 (52), 2445.

(NASHVILLE, TENN.) White, 1910, AVR, v. 37 (5), 641.

(NETHERLANDS) Sl. & Sw., 1912a, 339-348.

(NÜRNBERG) Böhm, 1910, ZFM, v. 20 (5), 159-167; 1910, BkW, v. 47 (9), 405; 1910, T, v. 49 (4), 84; 1910, DtW, v. 18 (19), 289-290; 1910, MtW, v. 54 (22), 377-379.—Merkel, 1861a, 1-6 (Einwanderung).

(PARIS) Delpech, 1866a, 659-742; 1866b, 21-119, figs. 1-4; 1866c, 1-104; 1866d, 346-347.—Tigri, 1866a, 346-347.

(TORINO) Demarchi, 1879a, 97-109, 145-156; 1879b, 648-671, figs. 1-9, 1879c, 97-121, figs. 1-9.

— in animals:

(LEIPZIG) Flury & Groll, 1913, AEPP, v. 73 (3), 214-232 (Stoffwechseluntersuchungen).

—, badger:

(BERL.) Schmaltz, 1899a, 171.—ZFM, 1897, v. 7 (100), 205.

(GLASGOW) Thoms., 1855a, 186.

(HEIDERSDORF) Drexl (Drechsel), 1904, TC, (3), 46; 1904, T, v. 43 (3), 52; 1905, Cv, v. 28 (17), 105.

(LOND.) VJACP, 1878, v. 7, 352.

(MOHRUNGEN) Lüebke, 1903a, 116-117, fig. 1; 1903b, 72-73; 1904a, 924; 1904b, 276; 1904c, 798.

(PARIS) Rail., 1899i, 300-302.

(WARIN) Teetz, 1897a, 83; 1897b, 618; 1897c, 153.

—, bear:

(BERL.) Böhm, 1913, ZFM, v. 23 (12), 284 (Eisbaren); 1913, ZFM, v. 23, 208.—ZFM, 1908, v. 18 (7), 239.

(HALLE A. S.) Bockum, 1888a, 1867 (Bærenschinken).

—, birds:

(DEUTSCHLAND) Høeyberg, 1908, ZT, v. 12, 26-33 (Immunität gegen die Muskeltrichinose); 1908, DtW, v. 16 (23), 344-345; 1908, HC, v. 4 (12), 381-382.

—, Blaps mortisaga:

(FRANCE) Dav., 1881a, 262.—Jolicœur, 1867a, 289-292.

—, Canis fam.:

(BERL.) Piper, 1906a, 243.

(CHEMNITZ) Misselwitz, 1889a, xxiv.—Tempel, 1898a, 8-9; 1898c, 506; 1898d, 756-757; 1899a, 51-52; 1901b, 41-42.

(DEUTSCHLAND) Hempel, 1909, DFZ, v. 6 (11), 176.

(FILEHNE) Dlugay, 1894a, 246; 1894b, 873; 1895a, 911-912.

(GLASGOW) Thoms., 1855a, 186.

(HEIDELBERG) Erb, 1864a, 849-850.

(ITALY) Perronc., 1877c, 131-136, figs. 1-4; 1877g, 49-52; 1877k, 106-108; 1877n, 319-320; 1877r, 176-178; 1877s, 272; 1877v, 364-365; 1877aa, 200-203; 1878e, 67 (nel connetivo muscolare).

(KJØBENHAVN) Hjortlund, 1912, MkvLs, (24), 1-10.

(LEIPZIG) Dobbertin, 1908, Diss.; 1908, ZFM, v. 18 (11), 358; 1909, BVImKP, 38; 1909, CfB, v. 44 (5), 135-136 (weissen Blutkörperchen).

—, domestic:

(U. S. A.) Hunt, 1882a, 13-28; 1883a, 155-167.—Salmon, 1883-84, RDA, 269-288.

—, duck:

(OHIO) Monthly Sanitary Rec., 1888, v. 1 (2), 23.

—, eel:

(GR. BRIT.) Bowman, 1839-47, TCAP, v. 3, 512, fig. 296; 1840a, 480-481.

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- (DEUTSCHLAND) Rathke, 1837a, in 335-336 (im Gehirn eines Eidechsen-Fötus).
 ———, Equus:
 (WIEN) Csokor, 1884b, 248; 1884, ZFM, v. 3 (13), 139-140 (experimentelle Infektion).—Herrmann, 1841a, 88-89; 1841b, 199-200.
 ———, Felis dom.:
 (BERL.) Ciurea, 1911, ZFM, v. 21, 171-172.
 (DORPAT) Unterberger, 1866a, 193-194.
 (ERLBACH) Herrmann, 1910, DFZ, v. 7 (4), 53-54.
 (KJØBENHAVN) Hjortlund, 1912, MkvLs, (24), 1-10.
 (PHILA.) Cattell, 1893a, 282 (in tongue).
 ———, fish:
 (ITALY) Vitali, 1881a.
 (LOND.) Cobbold, 1878, L, v. 2, 708-709.
 (NEW YORK) M. R., 1878, v. 14, 460.
 (OSTENDE) Clendmin, 1880, GC, v. 34 (18), 3.
 ———, fox:
 (BERL.) Virchow, 1866e, 149-158.
 ———, furet:
 (PARIS) Rail., 1894b, 1045-1046; 1894c, 350-351; 1894d, 6; 1895b, 33 (experimental).
 ———, Gallus dom.:
 (BUDAPEST) Bakody, 1872a, 422-427, pl. 34, figs. 1-12; 1873, RT, v. 34, 108; 1874, Fr. méd., v. 21, 166; RMv, v. 51, 147.
 (KENTUCKY) Bryant, 1868a, 253-254, figs. 1-4.
 (LOND.) Cobbold, 1867, Vet., v. 40, 143 (freedom from tr.).
 (SPANDAU) Züern, 1884a, 155-156.
 (TORINO) Demarchi, 1879a, 29-30; 1879b, 69.
 (U. S. A.) Am. J. Micr., 1881, v. 6 (1), 15.
 ———, Hippopotamus:
 (AIX-MARSEILLE) Heckel, 1879a, 1139-1140.
 (LOND.) Vet., 1879, v. 52 (622), 731.
 (NEW YORK) AVR, 1879, v. 3, 196-197.
 ———, Igel:
 (DEUTSCHLAND) Pag., 1868, VnmVH, v. 4, 11.
 ———, Iltis:
 (BERL.) Virchow, 1866e, 149-158.
 (GOTT.) Linst., 1868a, 379-381; 1870a, 349; 1870b, 620-633.
 ———, insects:
 (DEUTSCHLAND) Lies, 1867a, 78-80 (in fly larvæ); 1867b, 98.
 (SWITZ.) Duplessis, 1870a, 734 (dans les muscles).
 ———, Maulwurf:
 (LEIPZIG) Fiedler, 1864c, 345-346.—Vogel, 1865c, 259.
 ———, Mus (rats):
 (BERL.) Virchow, 1866e, 149-158.
 (BUDAPEST) Bakody, 1866a, 435-436, figs. 2-12.
 (DRESDEN) Leisering, 1866c, 97-100, 101-104; 1868a, 38-39.
 (EDINB.) Stirling, 1872a, 425-426.
 (HAMBURG) Rodig, 1875a, 91-92.
 (HEIDELBERG) Erb, 1866a, 85.
 (KJØBENHAVN) Bahr, 1906, MfD, v. 18 (4), 136-139; 1906, BtW, (51), 936; 1907, BtW (19), 329; 1906, ZIpKHH, v. 2, 62-65.
 (LEMBERG) Rektorzik, 1866a, 453-454.
 (LOND.) Baker, 1909, JSDV, v. 1, 113-115.
 (NÜRNBERG) Boehm, 1915, MtW, v. 66 (11), 206-207.

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- (STOCKHOLM) Forsell, 1866a, 213-215.
 (UTRECHT) van Oijen, 1913, *TvV*, v. 40 (8), 322.
 (WIEN) Roell, 1866, *OVwV*, v. 26 (1), 88-90.—Roell & Wedl, 1866a, 113; 1866b, 100-102.—Wedl, 1866g, 130-131.—Wedl & Roell, 1866, *OVwV*, v. 25 (2), 148-150.
 ———, *Ovis*:
 (FRANCE) Tigri, 1866b, 357-358; 1866c, 533; 1867a, 84-90.
 ———, quadrupeds:
 (DEUTSCHLAND) Thudichum, 1865a, in 303-467, figs. 1-53, 1 table.
 ———, *Regenwürmer*:
 (BERL.) Schneid., 1864b, 186-187; 1864, *PmZ*, 152.
 ———, *Scalops aquaticus*:
 (ILLINOIS) Brendel, 1867a, 323-324.
 ———, *Schlachttieren*:
 (DEUTSCHLAND) Monatsbl. f. öff. Ges., 1888, 74-75.—*VkG*, 1888, v. 12 (21), 319; (42), 616; (52), 780.—*WTV*, 1888, 408.
 ———, *Spermophilus 13-lineatus*:
 (IOWA) Stiles, 1894x, 777-778 (experimental); 1895a, 727-728; 1895b, 953; 1896a, 76-77.
 ———, *Sus scrofa dom.*:
 (ALSACE-LORRAINE) Moulé, 1885, *RMv*, v. 2, 502.
 (BALERNA) TR, 1909, v. 15 (14), 108.
 (BAYERN) Böhm, 1912, *ZFM*, v. 23 (2), 44; 1915, *MtW*, v. 66 (29), 554; 1915, *MtW*, v. 66 (31), 594.—Edelm., 1904, 275-276.—*ZFM*, 1903, v. 13 (11), 375.
 (BERL.) Junack, 1913, *ZFM*, v. 24 (4), 73-75.—Köhne, 1864a, 383-384; 1865a, 210-215.—Moellinger, 1880a, 187.—Müell., 1880a, 62-63, 71-72 (Verbreitung).—*Trichenenschau*, 1903, v. 15 (15), 131-132.—Virchow, 1884a, 534-547; 1884c, 296-304; 1884d, 527-533.—Zeeb, 1909a, 690-692.—*ZFM*, 1895, v. 5 (7), 141; 1895, v. 5 (10), 202 (ausländische); 1896, v. 7 (2), 41.
 (BREMEN) Pauli, 1894a, 40.
 (BUCKLAND, ENG.) Fedard, 1868a, 73-76, fig. 1; 1868, *AMv*, v. 17 (10), 574-575; 1869a, 63-64.
 (CHICAGO) CME, 1866, v. 7, 300-310.
 (DEUTSCHLAND) Edelm., 1906, *DtW*, v. 14 (38), 462 (Ermittlung der Herkunft).—Engelbrecht, 1883a, 1-32 (cause of sickness, death, and loss to national wealth).—Messing, 1907, *DFZ*, (1), 16.—Pag., 1868a, 20-22 (und Psorospermien).—Raebiger, 1912, *DtW*, v. 20 (10), 154.—*VJACP*, 1890, v. 31, 389.
 (FRANCE) Chatin, 1881m, 1065-1066; 1881n, 299-300; 1881o, 167 (dans les parois intestinales).—Sanson, 1867.
 (GÖRLITZ) Simon, 1897a, 74-75; 1897b, 548; 1898a, 322 (microscopically visible trichinæ).
 (HALLE) Kühn, 1865b, 1-84, figs. i-vi; 1886a, 37.
 (ITALY) de Capitani, 1869a, 467-483.
 (LEIPZIG) DZTvP, 1890, v. 16 (3-4), 296.—Johne, 1884a, 280-284; 1885a, 213-216.
 (LOND.) *VJACP*, 1879, v. 9, 27-33.
 (MADRID) Ros, 1916, *Ve*, v. 60 (3), 150-152 (y la psorospermiosis y la cisticercosis).
 (MAGDEBURG) Wohltat, 1868a, 487-492.
 (MASSACHUSETTS) Mark, 1889a, 113-134; 1890a, 44; 1890b, 101; 1890c, 91.
 (MILAN) Cv, 1899, v. 22 (47), 564.
 (NAP.) d'Antonio, 1865.—Zoccoli, 1874a, 177-180.
 (NETHERLANDS) Levens, 1912, *ZFM*, v. 33 (5), 116.
 (NÜRNBERG) Böhm, 1904, *ZFM*, v. 14, 271-272.
 (PARIS) Martel, 1906, 84-85.
 (PETROGRAD) Cazov, 1909, *MMvs*, v. 21, 28-30 (Verbreitung in Muskulatur).
 (PHILA.) Leidy, 1846b, 107-108; 1847b, 358-359 (in extensor muscle).—MN, 1893, v. 62 (12), 333.

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- (PREUSSEN) Rauch, 1879a, 100-101 (in den Muskeln).
 (RUSSIA) Rusanov, 1904a, 269-276; 1906a, 36-37.—ZFM, 1903, v. 13 (6), 195; 1899, v. 9 (12), 238.
 (SACHSEN) DFZ, 1913, v. 10 (21), 246.
 (SWEDEN) Vkg, 1888, v. 12 (8), 124.
 (TORINO) Perronc., 1868b.
 (U. S. A.) AVR, 1881, v. 5, 436 (southern hogs).—Law, 1896a, 10-11.—Payne, 1882a, 50-51 (southern).—Vacher, 1879a, 354; 1880a, 90; 1880b, 145.—Vkg, (1880), (45); 1890, v. 14 (46), 723.
 (VERDEN) Dyes, 1864a (prevention).
 (VERVAY, IND.) Boemer, 1875a, 57.
 (VILLAMAGNA, ITALY) Briantisini, 1865a.
 (WARSAW) Seifman, 1867a, 697 (causes).
 (WESTDEUTSCHLAND) Rieger, 1909, DFZ, v. 6 (3), 35-36.
 (WIEN) Klob & others, 1866a, 53-88 (Erforschung).—Koch, 1876a, 5.
 —, —, Waschbar:
 (SACHSEN) Leisering, 1868a, 38-39.
 —, —, wild boar:
 (BERL.) ZFM, 1897, v. 7 (11), 225; 1906, v. 16 (7), 243; 1907, v. 18 (1), 38.
 (LOND.) VJACP, 1893, v. 36, 71.
 (MÜNSTER) Land., 1895a, 66-67.
 (NEW YORK) Am. J. Micr., 1876, v. 1 (2), 21.
 (ORANIENBURG) SPmW, 1886, v. 11; v. 3 (10), 94.
 (PIRNA) Rost, 1910, BVK, Sachs, v. 54, 164.
 (SACHSEN) WTV, 1889, v. 19, 104.
 (SYRIA) Wortlabet, 1881b, 454-455 (cases in man).
 —, observations on:
 (DEUTSCHLAND) Hüb., 1911, KJ, v. 25, 569-584; 1911, MmW, v. 58 (43), 2287; 1911, BIP, v. 8 (24), 1101; 1912, HR, v. 22 (19), 1269-1270.
 (FELSBERG) Heuser, 1870a, 303-305.
 (HEIDELBERG) Friedreich, 1872a, 459-479.
 (MÜNCHEN) Putter, 1915, MmW, v. 62 (37), 1265-1266.—Feldærztl. Beilage, 1915, 601-602.
 (NEW YORK) MR, 1896, v. 49 (15), 516.
 —, pathology:
 (BERL.) Fiedler, 1864e, 67; 1864f, 461-464, figs. 1-2 (Kernwucherung in den Muskeln).—Virchow, 1890a, 505; 1891a, 130-131 (Färbung des Darms).
 (BOEHM-LEIPA) Kittel, 1871a, 254; 1871b, 559 (Augen).
 (BOSTON) Coriat, 1910, BM&SJ, v. 163, 992-994; 1911, MR, v. 79 (2), 75; 1911, BkW, v. 48 (6), 265-266 (case resembling Myotonia in adult).—Frothingham, 1906, JMR, v. 10, 483-490, figs. 1-5; 1907, HC, v. 2 (19-20), 606; 1909, CPA, v. 20 (5), 219 (in man, lesions); 1909, AIM, v. 2 (6), 505-516, figs. 1-10; 1909, JTMH, v. 12 (9), 140; 1909, CPA, v. 20 (19), 890 (in rats, lesions).
 (BRAUNSCHWEIG) Schuchard, 1864a, 270-271.
 (BROOKLYN) Segur, 1879a, 95 (embolism of pulmonary artery).
 (CHARKOW) Coveroff, 1911, Khark. MJ, v. 12, 21-47, pls. 1-4.
 (HALLE) Colberg, 1864a, 188-189 (muscle regeneration); 1865a, 174-176.
 (HEIDELBERG) Friedreich, 1862a, 399-413; 1863a, 118-120.
 (HEDERSLEBEN) Cohnheim, 1866a, 161-186; 1885a, 63-86.
 (LOND.) Owen, —?—, v. 1, 212.
 (NEW YORK) Thornbury, 1895a, 332-333; 1897a, 64-79, figs. 1-10; 1900a, 1-16, figs. 1-10.
 (PARIS) Cornil & Ranvier, 1881a.—Cruveilhier, 1852a.—Sudakevich, 1892a, 13-20, figs. 1-7.
 (PHILA.) Gross, 1845a, 214-216.
 (PREUSSEN) Ehrhardt, 1896a, 1-42; 1896b, 940-941; 1896c, 43-50; 1896d, 941.
 (STRASSBURG I, E.) Gruber, 1914, MmW, v. 61 (12), 645-648.

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- (SAO PAULO) Lutz, 1888g, 151-153, 175-178; 1888h, 734.
- (SAN FRANCISCO) Abrams, 1886, 149-151.
- (SPAIN) Gilabert, 1914, PdlC, v. 2 (17), 293-307, 345-361.
- (WIEN) Hein, 1883d, 152.—Pleischl, 1866a, 181-182.—Flögel, 1874a, 490-491.
- (ZÜRICH) Eichhorst, 1901a, 311.
- , —, alcohol:
- (VALENCIA) Ferrer y Genoves, 1883a, 169-173.
- , —, aqua chlorini:
- (CHICAGO) CMJ, 1869, v. 26 (21), 743.
- , —, baths:
- (PHILA.) Tyson, 1903a, 1193.

Trichinosis treatment, benzin:

(DRESDEN) Fiedler, 1864b, 337-344.

(GIESSEN) Mosler, 1864b, 317-321; 1864c, 395; 1864d, 703; 1864e, 444; 1864f, 465; 1864g, 381-382.

(LEIPZIG) Leuck., 1864c, 467-269.—Mosler, 1864, 1-89.

(PHILA.) Tyson, 1903a, 1193.

—, —, benzol:

(STRALSUND) Puëtter, 1891a, 507; 1892a, 80.

—, —, calomel:

(LOND.) Fagge & Pye-Smith, 1902a, 471.—Mans., 1901c, 553.

—, —, castor oil:

(LOND.) Fagge & Pye-Smith, 1902a, 471.

—, —, Gallenstoffe (Leberthrau, Ochsen gall):

(FRANKFURT A. MAIN) Clemens, 1866a, 214-215.

—, —, glycerine:

(PHILA.) Lockwood, 1901a, 825.—Tyson, 1903a, 1193.

—, —, mercury:

(PHILA.) Rand, 1881a, 107; 1881b, 317.

—, —, morphine:

(PHILA.) Tyson, 1903a, 1193.

—, —, natrum & kali picroniticum:

(DRESDEN) Fiedler, 1863b, 573-579.

—, —, neosalvarsan:

(TACOMA, WASHINGTON) McNerthey & McNerthey, 1916, JAMA, v. 67 (15), 1086.

—, —, nux vomica:

(PARIS) RMv, 1895, v. 2 (11), 396 (from Rev. scient.).

—, —, picrate of potash:

(LOND.) Fagge & Pye-Smith, 1902a, 472.

—, —, picric acid:

(PHILA.) Tyson, 1903a, 1193.

—, —, rest:

(MINNESOTA) Beard, 1887a, 341-345.

—, —, salvarsan:

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—, —, serum therapy:

(CHICAGO) Schwartz, 1917, JAMA, v. 69, 884-886 (1-7).

(FAR ROCKAWAY, N. Y.) Salzer, 1916, JAMA, v. 67, 579-580.

—, —, thymol:

(LOND.) Fagge & Pye-Smith, 1902a, 471-472.—Lockwood, 1901a, 825.—Mans., 1901c, 553.

(U. S. A.) Both, Gœhring, & Kahn, 1916, JAMA, v. 67 (27), 2000.

—, zur Casuistik:

(HEIDELBERG) Frommann, 1871a, 501-508.

(NEUSTADT, HESSEN) Braun, 1868a, 434-435.

(PETROGRAD) Schroeder, 1886a, 439-442, 447-450.

(STOLBERG) Ficinus, 1863a, 63-64.

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(BERL.) Virchow, 1865a, 332-371; 1865c, 892-896, 980-982; 1865d, 66; 1866g, 10.

(DRESDEN) Fiedler, 1865a, 67-71.

(ERLANGEN) Zenker, 1865c, 90-124; 1871a, 387-421; 1871b, 227-331.

(KÖNIGSB.) Askanazy, 1894, CfB, 225-227; 1894, ZFM, 113-114; 1895a, 42-71, pls. 1-2; 1895b, 294-295; 1896a, 196-197; 1896b, 774-775; 1896, Vet., 739; 1896, AB, v. 13, 125; 1896c, 113.

(LEIPZIG) Meissner, 1863a, 45-56.—Pag., 1866c, 251-255.

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- (ALFORT) Colin, 1868a, 1127-1131; 1868b, 863-868; 1868c, 618-619; 1869, AMv, v. 18 (3), 150-155.
- (BARCELONA) Badia, 1879a, 41-43, 49-51.
- (BELGIUM) Van den Corput, 1866, 1-42.
- (BERL.) Lion, —.—Virchow, 1864a, 1-55, pl. 1; 1864b, 1-64, pl. 1; 1865, ZR, v. 1, 611; 1864, DK, v. 16, 119-120; 1866a, 1-86, figs. 1-7, pl. 1 figs. 1-5; 1866c, 1-82; 1868a, 1-80, pl. 1.
- (BOSTON) Billings, 1881b, 392-396; 1882a, 445-449, 497-502, 548-554; v. 6, 11-16, 54-58, 110-114, 226-231, 282-287.
- (BRAUNSCHWEIG) Klencke, 1864a, 1-30.
- (BRUXELLES) Van Esschen, 1866a, 1-40; 1866, Amb, v. 3, 189-194, 275-292.
- (CHICAGO) Chic. MJ, 1870, v. 27 (2), 65-81.—JAMA, 1914, v. 62 (9), 699-700.
- (DETROIT) Glazier, 1883a, 1-20, figs. 1-17.
- (DEUTSCHLAND) Böhm, 1909, ZFM, v. 20 (3), 80-81; 1909, H, v. 4 (12), 95.—Klusemann, 1864, DK.—Pag, 1864a, 97-108, figs. A-B; 1864b, 193-194.
- (DRESDEN) Ministerium d. Innern, 1864, 1-22, pl. 1.—Johne, 1879a, 1-20, pl. 1.
- (ELSASS-LOTHRINGEN) Zündel, 1864d, 507-528, pl. 1 figs. 1-3; 1881b, 1-13; 1881c, 336-344, 423-443.
- (FRANCE) Chatin, 1881l, 277-288.—Tirard, 1881a; 1882a; 1882b.
- (GENEVA) Gosse, 1866a, 1-97, pl. 1.
- (HAMBURG) Nonne & Hœpfner, 1899a, 455-474.
- (HETTSTEDT) Rupprecht, 1866a, 1-16, 89-106, 169-192; 1866b, 1-57.
- (INDIANA) Redding, 1885a, 258-303.
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- (LEIPZIG) Kûech., 1863a, 12-16.—Reyher, 1862a, 1-30.
- (LOND.) Althaus, 1864a, 1-34, figs. 1-11; 1864b, 362-364, 390-392, figs. 1-11.—Wheelhouse, 1866a, 253.
- (LOUISVILLE) RLMJ, 1868, v. 5 (3), 212.
- (MADRID) Maloni, 1901a, 3-5.
- (MÜNCHEN) Besnard, 1864a, 26-30; 1864b, 117-126; 1864c, 574-582, 590-593; 1864d, 1-38; 1865a, 674-680; 1867a, 317-322.
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- (PHILA.) Anders, 1903a, 1251-1254.—Tyson, 1903a, 1191-1193.
- (PRAG) Ott, 1865a, 20-28, 34-38.
- (ROCHESTER) Phin, 1881a, 1-20, pl. 1 figs. 1-9; 1882a; 138-152, figs. 1-9; 1882b 62.
- (ROUEN) Pannetier, 1865a, 1-26, pl. 1 figs. 1-6.
- (SACHSEN) Schultze, 1864a, 269-298; 1864b, 1-23.
- (TORINO) Perosino, Peyrani & Sella, 1869a, 431-438, 494-499.
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- (WIEN) Roell, 1866b, 37-38; 1866d, 137-140; 1866e, 94-96.—Wedl, 1866c, 135-137; 1866f, 101-105.—WmW, 1866, v. 16, 237-240, 254-257, 272-274, 286-288, 318-320, 334-336, 400-402, 432-434, 448-450.

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(INDIA) Powell, 1898, IMG, v. 33 (12), 441-443.

(LILLE) Verdun, 1907a, 322, 354-357.

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- , cholera:
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- (CHICAGO) Wade, 1911, JAMA, v. 56 (10), 643.
- (LYON) Garin, 1908, AWMZ, v. 53, 141, 198; 1908, FM, v. 26 (25), 806-807; 1908, Pm, v. 24, 163-165; 1909, CfB, v. 44 (5), 143; 1911, 1-127, pls. 1-6; 1912, Lm, v. 118, 70-72.
- (PARIS) Cade & Garin, 1910, AMAdN, v. 6, 305-324; 1911, BMJ, v. 1, 45.—Vigouroux & Collet, 1905a, 270-274.
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- (DEUTSCHLAND) Christoffersen, 1914, BpAaP, v. 57, 474-515, pl. 1.
- (FRANCE) Garin, 1912, GHcm, v. 85, 1651-1656.—Stcherbak, 1910, RdM, v. 30, 642-665; 1910, BkW, v. 47 (36), 1675; 1910, JAMA, v. 55 (15), 1328; 1910, FM, v. 28 (42), 1339; 1911, MmW, v. 58 (14), 754.
- (PETROGRAD) Ostrovsky, 1900a, 1206-1207; 1900b, 826.
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- (FRANCE) Berrio, 1911, RMHt, v. 8, 191-193; 1912, RMHt, v. 9, 178-195; 1912, AHMc, v. 15, 382; 1913, TDB, v. 1 (8), 436-437; 1914, AJTDPM, v. 2 (3), 220-221.
- , thymol:
- (FRANCE) Brumpt, 1912, GdOC, v. 33 (2), 1344.—Engel, 1912, Prog. méd., (12), 148.—Garin, 1912, Lm, v. 118, 70-72.
- (ITALY) Sons., 1889m, 284.
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- (MILAN) Barabaschi, 1910, GdOC, v. 31 (25), 257-272; 1910, JAMA, v. 54 (16), 1347-1348.—Messedaglia & Carletti, 1907, AiCm, v. 3, 97; 1908, CfB, v. 42 (4-5), 140-141.

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(PARIS) R. Bl., 1904, AdP, v. 9, 122-123; 1904, 1665; 1905, 322-323.—Chantemesse, 1908, BAM, v. 59, 407-411.—Guiart, 1904, BAm, v. 52, 239-245; 1904, BSp, v. 10, 264-273; 1904, 966; 1904, Mc, v. 7 (45), 362-363; 1904, 1384-1385; 1905, 546; 1905, 286-288.—Lacomme & Vanlande, 1908, JPPg, v. 10, 127-132, fig. 1; 1908, CPPS, v. 3 (11), 437; 1908, BIP, v. 6(17), 798-799.

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(MISCELLANEOUS) Bettmann, 1916, 255.—Biland, 1905, 281.—Cattoi, 1905, 13.—Cautley, 1911, 527-528.—Da Costa, 1884, 922; 1891a, 932 (in H.).—Darling, 1908, 110.—Deeks, 1908, 1010.—Faies, 1830, 19, 29, 39.—Graham-Smith, 1913, 209.—Güenth., 1858, 193-194.—Higgins, 1906, 882.—Kahane, 1907, BMJ, v. 2, 45; 1907, v. 25, 430 (*Trichocephalus*).—Keating, —?, v. 3, 224, 229; v. 5, 697.—King, 1911, 184.—Long, 1909, 199.—Nicholls, 1912, 82 (eggs carried by *Limosina punctipennis*).—Packard, 1896a, 504.—Reaney, 1912, 66.—Rindfleisch, 1884, 208.—Risque, 1911, 45.—Robledo, 1909, 246.—Scholander, 1830a, 7-8 (*Tricoc.*).—Shaw, 1901a, 1028-1029; 1901, 619, fig. 220 (Shaw in Butler); 1905, 1137-1138.—Sistrunk, 1911, 1507.—Sjöbeck, 1830a, 9.—Swart, 1862, 39-41.—Westwood, 1851, 644.

Also reported for *Cercopithecus mona*, *C. patas*, *C. sabæus*, *Cynops sphinx*, *C. porcarius*, *Inuus ecaudatus*, *I. erythræus*, *Lemur mongoz*, *Mycetes seniculus*, *Pithecus satyrus*, *Sus scrofa*, *S. s. dom.*, *Troglodytes tschego*.

echinatus Rud., 1809a, 98-100 (*lacertæ* renamed) (s. *Tænia spirillum*) (in *Lacertæ apodis ventriculo*; by Pall.); 1819a, 18.—Blainv., 1824a, 518 (*sclérotique*).—Brems., 1824a, 124.—Crep., 1839a, 279 (in L. a.).—Lam., 1816, 213.—Lûche, 1905b, 336, 337 (s. T. s.).—Mayer, 1841a, 4.—Nordm., 1840a, 659-660 (s. *Sclerothricum echinatum*, T. s.) (in L. apus).—Oken, 1815a, 193 (in *Lacerta apus*).—Olfers, 1816, 56.

echinophallus Nitzsch in Crep., 1849a, 58 (in *Camelus dromedarius*).—Hut. & Mar., 1913b, 503.—Nev.-Lem., 1912a, 758.—Rail., 1893a, 483 (s. *cameli*); 1896m, 491.—Rans., 1911 (127), 116 (so. *Trichuris cameli*).

echinophyllus Rail., 1893a, 483 (for *echinophallus*).

equi Schrank, 1788a, 4 (in *Equus cab.*; Gœze, 1782a, 117, pl. 6 fig. 8).—Anacker, 1890h, 446.—Bennet & Olivier, 1826a, 22 (in horses).—Bosc, 1802a, 25.—Dies., 1851a, 141 (so. *Oxyuris curvula*).—Galeb, 1878b, 286 (so. O. c.).—Gmel., 1789a, 3038.—Nordm., 1840a, 663 (so. O. c.).—Rail., 1893a, 415.—Rud., 1802a, 8-10 (in Stute); 1809a, 100 (so. O. c.).—Ward, 1895a, 341 (in E. c.).

felis Dies., 1851a, 295 (in *Felis tigrina*; Brazil).—Heine, 1900a, 780.—Linst., 1889c, 239, 240.—Rail., 1893a, 484 (=? *campanula*).

gibbosus Rud., 1819a, 639-640 (in *Scomber thynnus*; Brazil).—Duj., 1845a, 41-42.

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- giraffæ* Dies., 1851a, 294 (in *Camelopardalis giraffæ*) (intest. giraffe; Cairo, Clot-Bey, 1840, v. 6 (6), 94-95); 1839, 663.—Heine, 1900a, 780.—Linst., 1878a, 55 (in C. g.).—Rans., 1911a, 117 (to *Trichuris*).
- globulosus* Linst., 1901c, 182-183, pl. 8 figs. 1-3 (in *Camelus dromedarius*; Mus. Frank.).—Rans., 1911a, 115 (to *Trichuris*).
- gracilis* Rud., 1819a, 638-639 (in *Cavia aguti*; Brazil).—Cobbold, 1879b, 318 (in *Dasyprocta*).—Duj., 1845a, 38.—Hall, 1916a, 23 (to *Trichuris*).—Heine, 1900a, 780.—Also reported for *D. aguti*, *D. rufa*.
- hepaticus* Bancroft, 1893a, 86-90, pls. 7-8 figs. 1-7 (in "common rat" [Mus]; N. S. W.).—Hall, 1916a, 31 (to *Hepaticola*); 1916b, 517.—Rail., 1898b, 173 (to *Trichosomum*).—Tidswell & Johnst., 1912, v. 2, 112 (in *Mus alexandrinus*, *M. decumanus*, *M. musculus*, *M. rattus*).
- hominis* Schrank, 1788a, 4 (in *Homo*; Gœze, 1782a, 115, pl. 6 figs. 1-5); 1803, 189.—Baird, 1853a, 3 (s. dispar).—Bennet & Olivier, 1826, 21-22 (in H.).—R. Bl., 1887e, 115; 1888a, 774, 776, 787; 1900g, 486 (= *trichiurus*).—Bosc, 1802a, 25, pl. 11 fig. 11.—Braun, 1903a, 278; 1908a, 312; 1915a, 330.—[Brera, 1803a, 16, pl. 4 figs. 1-5].—Brumpt, 1910a, 401; 1913a, 466.—Caland., 1889a, 68 (in *Homo*; Sicily); 1890a, 95, 107-110.—Cast. & Chalm., 1910a, 428; 1913a, 563.—Cat. RCSL, 1830, 38.—Chiaje, 1825a, 4 (so. d.).—Cobbold, 1866a, 5.—Cuv., —?—, pl. 25 fig. 1.—Dav., 1858e, 295-300; 1858f, 1217-1219; 1859b, 157-159.—Deslgch., 1824ggg, 744.—Eberth, 1863a, 48, 51, 53.—Girard, 1901, 442; 1901b, 265-266 (appendicitis); 1902a, 49.—Gmel. [1744]; 1790a, 3038 (s. *Tricuris*) (in H.).—Guiart, 1910a, 389.—Hémond, 1827a, 35.—Hoche, 1908, 246-249.—Huber, 1896a, 590-593 (s. d.) (in H.; Cosmopolitane).—Jerdens, 1802a, 17-19, pl. 1 figs. 6-10 (in H.).—Lam., 1801a, 338 (*Tricoc*); 1816b, 212.—Nev.-Lem., 1902a, 109; 1908a, 460.—Nordm., 1840a, 658-659 (so. d.).—Previtera, 1900a, 9.—Rud., 1793a, 15-16; 1802a, 5 (renamed dispar); 1809a, 89 (= d.).—Shiplev, 1896a (1901b), 145.—Simon, 1897a, 209, 227.—Sl. & Sw., 1912a, 338.—Stiles, 1907, 603; 1914, MM, v. 2, 295.—Vauil., 1901a, 98, 136.—Ward, 1895, 313; 1895, 332; 1903, 216.
- infundibulum* Linst., 1906, AN, v. 1 (3), 257, fig. 19 (in *Hystrix cristata*; Zool. Mus. Koenigsb.).—Hall, 1916a, 23 (to *Trichuris*).
- krenatus* Schneidem., 1896a, 309 (for *crenatus*).
- lacertæ* Schrank, 1788a, 5 (in *fusslosen Eidechse*; by Pall., *Comment. petrop.*, 19, pl. 10 fig. 16).—Bosc, 1802a, 26.—Gmel., 1790a, 3039.—Nordm., 1840a, 660 (so. *echinatus*).—Rud., 1809a, 98 (so. e.).
- lemuris* Rud., 1819a, 18, 228 (intest. cœc., *Lemur mongoz*; Mus. Wien).—R. Bl., 1888a, 774.—Braun, 1895b, 229; 1903a, 279; 1906a, 311; 1908a, 313; 1915a, 331.—Heine, 1900a, 780.
- leporis* Rud., 1809a, 93 (so. *unguiculatus*) (quotes Frœl., 1789a, 144).—R. Bl., 1891t, 484-485 (s. u.) (in *Lepus variabilis*; Briançon, Haute-Alpes).—Hall, 1916a, 24 (to *Trichuris*).—Rail., 1893a, 484 (so. *unguiculatus*).
- [*megalocephala* (Krabbe, 1869) Fuhrm., 1908, 115, 118 (lapsus for *Trichocephaloides megalocephala*) (in *Totanus calidris*). See *Cestode Catalog.*]
- milvi* (Frœl., 1802) Rud., 1814a, 87 (in *Falco milvus*).
- minutus* Rud., 1819a, 638 (in *Didelphis cayopollin*; Brazil).—Cobbold, 1879b, 433.—Duj., 1845a, 40.—Heine, 1900a, 780.—Also reported for *Didelphyæ azaræ*, *D. cancrivorus*, *D. dom.*, *D. nudicaudata*, *D. virginiana*.
- muris* Schrank, 1788a, 4 (in *Mus musculus*; Gœze, 1782a, 119-121, pl. 7 figs. 1-5).—Bennet & Olivier, 1826a, 22 (in M. m.).—Bosc, 1802a, 26.—Frœl., 1802a, 30-31 (in M. m.).—Hall, 1916a, 26 (to *Trichuris*).—Nordm., 1840a, 659 (so. *nodosus*).—Rud., 1809a, 96, 97 (so. n.).—Schrank, 1803, 189-190.
- nitzschii* Gieb., 1866a, 276 (in *Mustela martes*; by Nitzsch).—Linst., 1878a, 38 (in M. m.).
- nodosus* Rud., 1809a, 96-97 (*muris* renamed) (in *Mus musculus*; by Gœze); 1814a, 86-87; 1819a, 17-18, 227-228.—Bellingh., 1845a, 478.—Blainv., 1824a, 518 (to "Capillaire").—Braun & Lûche, 1909a, 111; 1910a, 122.—Brumpt, 1910a, 401; 1913a, 466.—Cobbold, 1879b, 316 (in lemmings, rats, voles, mice).—Duj., 1845a, 35-36.—Eberth, 1863a, 47, 48, 52, 53, 63.—Hall, 1916a, 26 (so. *Trichuris muris*).—Heine, 1900a, 780.—Lam., 1816a, 213.—Leuck., 1868a, 464.—Linst., 1909a, 78, fig. 74 (in *Arvicola amphibius*).—Nordm., 1840a, 659.—Oken, 1815a, 192-193.—Olfers, 1816a, 56.—Rail., 1889p, 63, 64 (in *souris*, rats).—Risso, 1826a (b), 260 (in *souris*; Alpes Maritimes).—Tidswell

TRICHOCEPHALUS—Continued.

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& Johnst., 1912, 112 (in mice; N. S. W.).—Also reported for *A. arvalis*, *Echinomys antricola*, *Georhynchus capensis*, *Hesperomys physoides*, *Holochilomys brasiliensis*, *Loncheres bistrata*, *Mus amphibius*, *M. arvalis*, *M. rattus*, *M. sylvaticus*.

ophisaurus Froriep MS. in Rud., 1809a, 98 (so. *echinatus*) (in *Lacertæ apodis ventriculo*).

ovis Abildg., 1795 [nv.].—Hall, 1916a, 28 (to *Trichuris*).—Rail., 1893a, 481 (=affinis).—Rans., 1911a, 112 (to *Trichuris*).—Verrill, 1870, 176.—Ward, 1895a, 335 (in *Bos taurus*), 338 (in *Ovis aries*).

palæformis Rud., 1819a, 16, 19, 223-225 (in *intestinis crassissimæ sphingis*, *S. ursinæ*, *S. sylvani*, *S. patæ*, *S. sabææ*; Berlin, etc.).—R. Bl. 1888a, 774 (so. *hominis*).—Braun, 1895b, 229; 1903a, 279; 1906a, 311; 1908a, 313; 1915a, 331.—Crep., 1845, 326 (*paliformis*) (in *Macacus rhesus*).—Duj., 1845a, 33-34.—Heine, 1900a, 780.—Schneid., 1866a, 171 (so. *dispar*).

paliformis Crep., 1845, 326 (for *palæformis*) (in *Macacus rhesus*).

serratus Linst., 1879b, 334-335 (in *Felis dom.*; Coll. Hering); 1889c, 240; 1889a, 13 (in *F. d.*).—Fiebiger, 1912a, 246.—Heine, 1900a, 781 (in *F. d.*).—Hut. & Mar., 1913b, 503.—Nev.-Lem., 1912a, 758.—Rail., 1893a, 483.

[*simix* Treutler, 1793a, 26 (apparently not as specific name) (in *Simia pata*; by Treutler).]

simix-patas (Treutler, 1793) R. Bl., 1888a, 774 (so. *hominis*).

species Rail., 1892v, 116-117 (in *furet*).

species Schnyder, 1906, 28, 36, 44, 48, 51 (in *Bos taurus*).

species Reported for *Erethizon dorsatus*, *Oryx leucoryx*, *Putorius*.

[*sphærocephalus* in Salmon & Stiles, 1898b, 15 (lapsus for *Trichodectes sph.*).]

spirillum (Pall., 1781a) Blainv., 1828a, 539 (to *Mastigodes*).

subdepressus Blainv., 1828a, 538 (refers to Brems., 1824c, *Icones*, pl. 1 fig. 15-19, i. e. *depressiusculus*, in *Canis fam.*).

subspiralis Dies., 1851a, 294 (cecum, *Dasypus loricatus*, *D. tricinatus*, *D. unicinctus*, *D. gymnurus*; Brazil).—Cobbold, 1879b, 321 (Brazilian armadillos).—Heine, 1900a, 780.

suus Schrank, 1788a, 5, 8 (in *Sus scrofa fera*; Goeze, 1782a, 112, pl. 6 fig. 6).—Rail., 1893a, 481 (=crenatus).—Rud., 1809a, 96 (so. c.).

tenuissimus Rud., 1803a, 4-6 (in *Strix bubo*; by Rud.); 1809a, 87-88; 1810a, 380; 1814a, 85-86; 1819a, 13.—Duj., 1845a, 14 (so. *Trichosoma obtusum*).—Olfers, 1816a, 56.

tetricis (Frœl., 1802) Rud., 1814a, 87 (in *Tetrao tetricus*).

trichimus Mans., 1903, 639 (s. *dispar*) (misprint for *trichiurus*) (common in feces of people from Tropics); 1903, 642; 1904, 639, 642.

trichiuria Mukerji & Dass, 1915, 205 (for *trichiura*) (in *Homo*).

trichiuris Simon, 1907a, 311, fig. 104 (for *trichiurus*); 1911a, 237.—Tidswell & Johnst., 1912, 112 (for *trichiurus*) (so. *dispar*) (in *Homo*; N. S. W., Queensland).—Wellman, 1914, 797-798.—Wolff, 1912, 86-87 (Deutsch-Ostafrika).

trichiurus (Linn., 1771) R. Bl., 1895 (1896b), 759-761, fig. 87 (s. *dispar*, *hominis*, *Asc. trichiura*, *Trichocephalos*, *Trichuris*) (in *Homo*); 1900g, 486; 1906, 372.—Braun, 1903a, 278; 1906a, 309 (*trichiuris*), 311, fig. 205; 1908a, 312; 1915a, 330, fig. 291.—Braun & Lühe, 1909a, 104, 150, fig. 42; 1910a, 113, 164, fig. 42.—Brehon, 1905, 540.—Brimont, 1909, 376; 1909, 423.—Brumpt, 1910a, 401; 1913a, 466.—Busacchi, 1917, *BSMÉ*, v. 5, 65-72, 99 (path.); 1917, *Pens. méd.*, v. 7, 154.—Caplescu, 1913, 538, 540, fig. 1.—Cast. & Chalm., 1910a, 929; 1913a, 1301.—Cecil & Bulkley, 1912, v. 15, 225-245, pls. 1-4.—Daniels, 1910a, 71, 122; 1914a, 134, 135.—Galli-Val., 1901c, 360, 365 (in *H.*); 1903f, 350-355, figs. 1-2; 1903g, 1434; 1903h, 224; 1903i, 653; 1904f, 141-142; 1907, 213, 214, 225 (in *H.*; Carthage, Tunis, Kairouan).—Guiart & Grimbert, 1906a, 535-537, figs. 307-308.—Hempelm., 1912a, 108, 111.—Koch, 1910, v. 14, 103-104.—Lamour., 1913, 455-457.—Linst., 1905bb, 191, 192.—Looss, 1905, 192; 1914, v. 2, 510.—Mans., 1907, 4 ed., 704, 705, 706-707, figs. 125, C, 128.—Mathis, 1914, 197, 203 (in *H.*; Tonkin).—Mathis & Léger, 1909, 488.—da Matta, 1914, v. 1 (1), 23-24, fig. 1.—Neum. & Mayer, 1914a, 78, 410.—

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trichiurus—continued.

Nev.-Lem., 1902a, 94, 95, 108, 109; 1904a, 96, 97, 110, 111, 113; 1906a, 283, figs. A-E, 326, fig. D.; 1908a, 460.—Oefe, 1902a, 494.—Ringensbach & Guyomarc'h, 1915, 302.—Roger, 1901a, 95, 96.—Royal, 1909, May 16, 501.—Schifone, 1908a, 1330 (Tricoc.).—Seifert, 1908a, 518, 520, 523, 538, 551.—Shipley, 1909t, 67, 68; 1911, 208, 216, 217.—Siccardi, 1905, 1476.—Sl. & Sw., 1912a, 338, 339, 402, fig. 190A, B.—Smith, 1911, 170, 1 fig. (in H.: Phila.).—Stitt, 1910a, 232, 238; 1916a, 321.—Verdun, 1907a, 351-354, figs. 125-126, 158 (s. d., h., Asc. trichiura) (in H.; Cosmopolitan).—Ward, 1903, 216, fig. 3551.

trichuris (Blumenb., 1779) Strong, 1907a, 502 (for trichiurus).—Wellman, 1914, 797-798.

tubæformis Leuck., 1868a, 466 (in Affen; quotes Schneid.).

unguiculatus Rud., 1809a, 93-94, pl. 1 fig. 11 (s. leporis) (in Leporis intestinis crassis; Holstein-Beck, 1785a, 1-6, pl. 1 figs. 1-5); 1819a, 17 (in cæco Arcatomydis citilli, Cuniculi feri, Leporis timidi, L. variabilis), 225-226.—Bail., 1866b, 74.—Baird, 1853a, 4 (in L. t.).—R. Bl., 1891t, 484 (so. leporis).—Braun & Luehe, 1909a, 111.—Brumpt, 1910a, 401; 1913a, 466.—Cobbold, 1879b, 316, 319.—Dewitz, 1892b, 129, fig. 92.—Duj., 1845a, 37.—Eberth, 1863, 47, 48, 49, 53, 62, pl. 7 fig. 21.—Fischer, 1840, v. 13 (1), 153 (in L. t.).—Fiebiger, 1912a, 246.—Galli-Val., 1901c, 360 (in L. t.); 1915, CfB, 512 (in L. t.; Oebe).—Garin, 1913, 104, fig. 37.—Hall, 1916a, 24 (so. Trichuris leporis).—Heine, 1900a, 780, 786.—Hut. & Mar., 1913b, 503.—Lam., 1816b, 213.—Leuck., 1868a, 464.—Linst., 1897, 618, pl. 28 fig. 29.—Marzocchi, 1908, 211 (Erycocephalus); 1908, 166 (Trycoc.).—Mueh., 1898b, 10, 49 (in hare).—Nev.-Lem., 1912a, 759.—Nordm., 1840a, 659 (s. Mastigodes leporis).—Olfers, 1816, 56.—Rail., 1893a, 484 (s. l.).—Risso, 1826a (b), 260 (in lièvre; Alpes Maritimes).—Schneid., 1866a, 172, 211, pl. 13 figs. 7, 8.—Shipley, 1896a (1901b), 145 (in hare, rabbit).—Stiles & Hass., 1894c, 348 (in L. sylvaticus, L. t.).—Stoss., 1896c, 125, fig. 7; 1898c, 90 (in lepore; Istria).—Zsch., 1914, v. 58, 94.—Also reported for Lepus, L. cuniculus dom., L. c. ferus, Spermophilus citillus.

vulpis Frøel., 1789a, 142-145, pl. 4 figs. 25-29 (in fox; Frøel.).—Bennett & Olivier, 1826, 23 (in wolf).—Bosc, 1802a, 26.—Cat. RUSL, 1830, 38.—Rail., 1893a, 483 (so. depressiusculus).—Rud., 1809a, 94.—Schränk, 1803, 190.—Ward, 1895a, 343 (in Canis fam.).

TRICHODERMA Greif, 1869a, 115-117 (mt. oxycaudata) [not Trichoderma Steph., 1835, coleopt.; Swains., 1839, fish; Nonfried, 1894, insect].—Menz., 1914, AN, 77.—Panceri, 1878 (for 1876), AASfm, v. 7 (10), 7.—Schep., 1908f, 200, 201.—Stiles & Hass., 1905b, 144.

oxycaudatum Greif, 1869a, 115-117, pl. 6 figs. 9-10.—Panceri, 1878, 7, fig. 14.—Schep., 1908b, 385-389, pl. 25 figs. 1-18; 1908g, 592.

TRICHODES Linst., 1874c, 271-286 (mt. crassicauda) [not Trichoda Müell., 1773, polyg.; not Trichodes Herbst, 1792, coleopt.; not Trichotis Felder, 1874, lepidopt.; not Trichoda Huebner, 1806, lepidopt.] (see Trichosomoides).—Hall, 1916a, 12 (so. Trichosomoides).—Stiles & Hass., 1905b, 144.

crassicauda (Bellingh., 1840) Linst., 1874c, 271-286, pl. 8 figs. 1-3; 1882, 12.—Hall, 1916a, 13 (to Trichosomoides).—Rail., 1893a, 489.—Rail. & Lûcet, 1890b, 21.—Rollest., 1888a, 683.—Saul, 1914, CfB, 206.—Stoss., 1898c, 91 (to Trichosoma).—Wasielewski, 1913a, v. 3, 305.

crassicauda specifica Lowenstein, 1911, BkC, v. 76, 750-769, figs. 1-21 (in rat); 1912, VGdNA, v. 83 (2), 162-166 (in rat); 1912, MmW, v. 59 (6), 324.—Saul, 1914, CfB, 206.

TRICHODORUS Cobb, 1913, JWAS, v. 3 (16), 441 (mt. obtusus).

obtusum Cobb, 1913, 441.

TRICHOKEPHALUS Bælz, 1883a, 239 (for Trichoc.).

dispar (Rud., 1802), Bælz, 1883a, 238.

TRICHONCEPHALUS Lutz, 1894a, 66 (misprint for Trichoc.).

TRICHONEMA Cobbold, 1874h, 85-87 (mt. arcuata) [not Trichonema Fromentel, 1875, protozoon; Trichonemus Stål, 1873, hemipt.].—Stiles & Hass., 1905b, 144.

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arcuata Cobbold, 1874h, 83-87, figs. a-g (in horse: Eng.); 1874n, 218, 220, 1 fig.; 1875, v. 4 (1), 44 (Trichozeoma); 1875e, 241, 242; 1878b, 85; 1879b, 374 (s. Nematodeum equi-caballi, so. Str. tetracanthus) (in Equus cab.).—Rail., 1893a, 462 (sub Sclerost. tetracanthum).—Seur., 1916, 343, 363.—Ward, 1895a, 341 (arcuatum).

TRICHONEMINÆ Rail., 1916, RmV, v. 92, 521.

TRICHOSOMA Rud., 1819a, 13-16, 219-220 (Capillaria 1800 renamed, hence type brevicolle=anatis) [not Trichosoma Boisd., 1834, lepidopt.; Swains., 1839, fish; Trichosomus Swains., 1839, fish; Chevrolat, 1881, coleopt.].—Althaus, 1864, 362.—A., D., & E., 1901b, 6.—Barile, 1912, v. 37, 126-133, figs. 1-3.—Bellingh., 1844, 475-476.—Blainv., 1824a, 513; 1828, 537-538.—R. Bl., 1887g, 202-204; 1888a, 774.—Braun, 1883a, 182; 1895b, 213; 1903a, 248, 253; 1908a, 279; 1915a, 285.—Brems., 1824, 123-124.—Burm., 1856a, 279.—Carus, 1863, v. 2, 463 (contains div.; Gymnotheceæ, Echinotheceæ).—Cat. RGS., 1830, 38.—Crep., 1829b, 1-3; 1839a, 278.—Criv., 1845a, 5.—Dav., 1877a, ciii.—Deslgch., 1824hhh, 751-752; 1830e, 360-361.—Duj., 1845a, 4-9.—Eberth, 1863a, 43, 44, 55.—Fischer, 1840, 153.—Galeb, 1878b, 342.—Gasperi, 1913, v. 5, 639-642, figs. 1-2.—Gedelst., 1911a, 113.—Goldb., 1855a, 111.—Joy, 1835a, 503.—Kolenati, 1857d, 13.—Kowal., 1900a (b), 183-186; 1901a (b), 268-285, figs. 1-18; 1902a, 48; 1904, AN, 15-16.—Lepri, 1898, 55.—L'Herm., 1826a, 10.—Linst., 1902d, 31; 1904n, 298, 299; 1909 (15), 77, 79; 1909, 66 (egg).—Lint., 18921, 705.—Lewenstein, 1911, v. 76 (3), 545-591 (in rat).—Looss, 1901, 41.—Lutz, 1894a, 65.—Mayer, 1841, 5, 6.—Mehl., 1831a, 73.—Mol., 1857a, 151, 216, 217.—Mordw., 1908, v. 13 (1-2), 190.—Neum., 1892d, 345, 374, 376.—Nev.-Lem., 1912a, 650.—Nordm., 1840a, 660, 665 (s. Cap.).—Par., 1887, 357; 1897c (d), 380-385 (1-6), pl. 10 figs. 1-10.—Perugia, 1893a, 206-210; 1893b, 9-13; 1893c, 1-4; 1894a, 151-152.—Perugia & Par., 1890b, 774-777.—Pratt, 1916a, 221.—Rail., 1893a, 484 (s. Cap.).—Rail. & Lucet, 1889c, 360-362; 1890a, 381; 1890b, 19.—Rans., 1911a, 117 (so. Cap.).—Ratz, 1900f, 180.—Rayer, 1843g, 180-183, pls. 7-8.—Rizzo, 1902, v. 6, 26-41, figs. 1-11.—Rollest., 1888a, 676, 681, 686, 688.—Schlotthauber, 1860a, 125.—Schneid., 1866a, 12, 14, 15, 30, 165, 167-168, 173, 187, 188, 200, 211, 244, 245, 249, 253, 255, 264, 269, 277, 286, 312.—Schneidem., 1896a, 305.—Schnyder, 1906b, 191 (in Taube).—Shipley, 1896a (1901b), 144, 145, 163.—Sl. & Sw., 1912a, 391.—Solger, 1877a, 19-23, pl. 2; 1877b, 44-45.—Stiles & Hass., 1905b, 144.—Stoss., 1890a, 3-38 (monograph); 1898c, 91.—Wallenstedt, 1847a, 8.—Walter, 1866, 75-76.—Westwood, 1851, 644 (Trichostoma).

aërophylum Vaull., 1901a, 126 (for aërophilum) (in chat, martre, renard).

aërophilum Crep., 1839a, 278-279 (in der Luftrohe des gemeinen Fuchses; by Crep.); 1849, 55.—Balla, 1911, v. 34 (11), 121-124; 1912, v. 28 (2), 31 (trichosomiasis nasium).—Chaussat, 1850, 47.—Cobbold, 1861, 121.—Dies., 1851a, 258.—Eberth, 1863a, 48, 53, 58-59, pl. 7 figs. 2, 3, 16 (in Canis vulpes); 1863, 68.—Fiebiger, 1912a, 249.—Gedelst., 1911a, 113 (in cat).—Hut. & Mar., 1906a, 20, 60; 1910b, 29, 70, 78; 1913b, 31, 75, 84, fig. 4 (in Dachs, Fuchs, Hund, Katze, Wolf).—Müell., 1889, v. 15 (4-5), pls. 6-9, 271-273 (in Canis vulpes); 1890c, 64, 67 (in cat; Munich) to (Eucoleus).—Nev.-Lem., 1912a, 760.—Rail., 1893a, 487.—Rail. & Lucet, 1890b, 19.—Rollest., 1888a, 681.—Schneid., 1866a, 168, 169, pl. 13 fig. 12.—Shipley, 1896a (1901b), 145 (in fox, marten).—Sl. & Sw., 1912a, 391, 403.—Stoss., 1890, 23.—Vaull., 1901a, 126 (aërophylum).—Also reported for C. fulvus, F. dom.

aërophylum Eberth, 1863a, 48, etc. (for aërophilum).

alatum (Mol., 1858) Stoss., 1890a, 7 (s. entomelas) (in Mustela foina, Putorius putorius, P. vulg.; Italy, France, Ireland).—Kowal., 1902d, 7 (25) (in P. fetidus; Dublany); 1904, v. 38, 26 (11) (in P. f.; Dublany).—Also reported for Putorius putorius.

alaudæ Rud., 1819a, 15 (in intestinis crassis Alaudæ arvensis; C. E. V.).—Dies., 1851a, 261.—Duj., 1845a, 16.—Stoss., 1890, 27.

anatis (Schränk, 1790) Rail., 1893a, 486 (s. Trichosoma brevicolle) (in Anser dom., wild Anatidae).—Gedelst., 1911, 113 (in dom. goose).—Hut. & Mar., 1913b, 503.—Kowal., 1902d, 7, [25] (in A. dom.; Dublany).—Nev.-Lem., 1912, 768.

angustum Duj., 1845a, 16-17 (in Fringilla coelebs; by Duj.).—Dies., 1851a, 253-254 (s. fringillæ) (in F. c.; Rennes).—Stoss., 1890a, 9 (in F. c.; France, Austria).

annulare Gedelst., 1903a, 50, 103 (for annulatum Mol.?) (in Gallus gallinaceus).

TRICHOSOMA—Continued.

- annulatum* Mol., 1858d, 156 (in Phasianus gallus; Padua); 1861c, 320-321, pl. 15 figs. 1-2 (s. Cap. semiteres, Gord. gallinae, Fil. tetricis-gallinae, Hamularia nodulosa, Linguatula unilinguis, Trichosoma longicolle) (in Perdix cinerea, Phasianus colchicus, P. gallus, P. pictus, Tetrao tetrao, T. urogallus).—Anacker, 1887c, 514.—Caruccio, 1886, 293.—Dies., 1860, 292; 1861c, 280.—Geddelst, 1911, 114 (in chicken).—Hass., 1896a, 6 (in Gallus dom.).—Hut. & Mar., 1906a, 403; 1910b, 506; 1913b, 258.—Land., 1882, 23.—Nev.-Lem., 1912a, 769.—Perronc. & Tomiolo, 1901, 68.—Rail., 1893a, 487.
- annulosum* (Duj., 1845) Dies., 1851a, 256 to (Calodium) (s. muris-decuman) (in Mus decumanus, M. rattus; Ireland, Rennes).—Eberth, 1863a, 48, 50, 53, 57, pl. 6 fig. 7.—Mueh., 1898b, 49 (in M. d.).—Rail., 1889p, 67 to (C.) (in rat, surmulot).—Stoss., 1890, 16.
- bacillatus* Eberth, 1863a, 48, 50, 53, 58, pl. 6 fig. 4, pl. 7 figs. 1, 8, 15 (in esoph., Mus musculus).—Stoss., 1890a, 24-25 (in M. m.).—Rail. & Lucet, 1890b, 19.
- [*boeticum* Ramb.—De Seabra, 1909, v. 3 (4), 155.—Insect.]
- bombinatoris* Linst., 1892a, 327, 342, figs. 6-7 (in Bombinator igneus; teste Linst.); 1893, 332.—Seur., 1916, 363 (in B. i.).
- bovis* Schnyder, 1906a, 28 (in Bos taurus; Züerich).—Rans., 1911a, 120 (to Cap.).
- breve* Linst., 1877b, 178 (in Totanus fuscus; Ratzeburg).—Stoss., 1890a, 27 (in T. f.; Ratz.).
- brevicollis* Kowal., 1901a (b), 274 (7) for brevicolle.
- brevicollis* Rud., 1819a, 13 (s. Trichoc. capillaris) (in intestinis cecis Anseris, Anatis querquedulae; Europe).—Bail., 1866b, 75.—Baird, 1853a, 3.—Cobbold, 1861, 122; 1879b, 447.—Dav., 1877a, ciii.—Dies., 1851a, 254.—Duj., 1845a, 21 (s. anatis, capillaris, Linguatula trichocephala).—Eberth, 1863a, 48, 50, 53, 58, pl. 6 figs. 12, 17.—Fiebigel, 1912, 247, fig. 166.—Geddelst, 1903a, 50, 106 (in Anser cinereus dom.).—Hut. & Mar., 1906a, 403; 1910b, 506. Kowal., 1900a (b), 183-186; (l'oie dom.); 1901a (b), 270-274, 284 (3-7, 17), figs. 1-7 (in A. cinereus, A. c. dom., Anas querquedula, Harelda glacialis, Mergus merganser, M. serrator, Oedemia fusca, Otis tarda); 1904, v. 38, 24 (9) (s. anatis).—Linst., 1890d, 185; 1909a, 79, fig. 75 (in Anas boschas, Anser anser, Anas q., M. m., M. s.).—Mehl., 1831a, 74, pl. 2 fig. 4 (in Eisente).—Mueh., 1898b, 49 (in H. g.).—Rail., 1893a, 486 (s. Trichoc. anatis).—Rans., 1911 (127), 117 (so. Cap. tumida).—Stoss., 1890, 16.—Wolfh., 1900a, 10, 54, 58, 59 (in Anas b. d., O. t.; Europe).—Also reported for Anas fusca, A. ferus, Bernicla sandwichensis.
- brevispiculum* Linst., 1873g, 293-294 (in Blicca bjoerkna; by Linst.); 1878a, 259 (in B. d.); 1878, 230-231; 1885b, 247 (intest. B. b., Lota vulg.; by Linst.); 1909a, 79 (in B. b., L. v.).—Hofer, 1904a, 230 (in B. b.).—Stoss., 1890a, 11 (in B. b., L. v.; Razeburg, Hameln).—Zsch., 1903b, 132, 133 (in L. v.).
- canis-vulpis* Rayer, 1843g, 182-183, pl. 7 figs. 1-11 (in bladder, Canis vulpis; by Rayer).—Duj., 1845a, 26 (so. Calodium plica).—Mol., 1861c, 328 (so. C. p.).
- capillare* Linst., 1882a, 14, pl. 2 fig. 19 (in Maulwurf [Talpa europæa]); 1887, 113.—Kholodk., 1901, 253 (in Sorex vulg.).—Stoss., 1890a, 13 (in Crocidura aranea, T. e.).—Trav., 1915, 153 (so. Cap. (Cap.) linstowi).
- caprimulgi* Rud., 1819a, 15 (in Caprimulgus europæus; C. E. V.).—Dies., 1851a, 262.—[Duj., 1845a, 16 (in C. e.).]—Stoss., 1890a, 27.
- carbonis* Rud., 1819a, 16 (in intest., Pelecanus carbo; C. E. V.).—Dies., 1851a, 262 (s. Cap. pelecani-carbonis) (in Carbo cormoranus; M. C. V.).—[Duj., 1845a, 21 (in C. c.; Mus. Wien).]—Linst., 1909a, 80 (in Phalacrocorax carbo).—Skrj., 1916, 460 (in P. c.).—Stoss., 1890a, 27 (in P. c.; Wien).
- cati* Cobbold, 1873c, 125 (in wild cat).
- caudinflatum* (Mol., 1858) Stoss., 1890a, 7-8 (in Coturnix dactylisonans; Padua).—Geddelst, 1903a, 50, 105 (in Phasianus colchicus); 1911a, 113 (in chicken).—Hut. & Mar., 1913b, 504.—Kowal., 1900a (b), 185 (s. longicollis pars, galinum) (in poule; by Kowal.); 1901a (b), 274-277, 285 (7-10, 18), figs. 8-11 (in Coturnia coturnix, P. c., Tetrao urogallus); 1902d (e), 30 (12) (so. galinum); 1904, 10 [25] ("Trichosomac audinflatum") (in Gallus dom.; Dublany).—Nev.-Lem., 1912a, 769.—Shipley, 1911, 214.—Reported for Cortunix com.

TRICHOSOMA—Continued.

- charadrii* Rud., 1819a, 16 (inter *Charadrii minoris* et *Himantopodis tunicas ventriculi*; C. E. V.).—Dies., 1851a, 262 (in C. m., *Himantopus melanopterus*; M. C. V.).—[Duj., 1845a, 20 (in C. hiaticula; by Crep.).]—Linst., 1909a, 80 (in C. dubius).—Stoss., 1890a, 27 (in *Aegialites minor*, H. *melanopterus*).
- chrysotidis* Stoss., 1890a, 28 (in *Chrysotis amazonicus*; by Walter, 1866a (b), 78 (28)),
- collare* Linst., 1873g, 294–295, pl. 13 fig. 1 (in *Gallus dom.*; by Linst.).—Anacker, 1887c, 514.—Caruccio, 1886, 293.—Fiebiger, 1912a, 248.—Gedölst, 1903a, 50, 103 (in *Gallus gallinaceus*); 1911a, 113 (in chicken).—Hass., 1896a, 6 (in G. d.).—Hut. & Mar., 1906a, 403; 1910b, 506; 1913b, 503.—Land., 1882, 23.—Lucet, 1888a, 314 (s. *Asc. vesicularis*) (in chicken).—Mordw., 1908, v. 13 (1–2), 190.—Neum., 1900a, 515.—Nev.-Lem., 1912a, 768.—Ferronc. & Tomiolo, 1901, 68.—Rail., 1893a, 487.—Stoss., 1890a, 19 (in G. d.; Ratzeburg).
- columbæ* Rud., 1819a, 15 (in intest. crass. *Columbæ dom.*; C. E. V.).—Gedölst, 1911a, 113 (in pigeon).—Hut. & Mar., 1913b, 503, 504.—Nev.-Lem., 1912a, 765.—Rail., 1893a, 485 (so. *tenuissimum*).—Stoss., 1895c, 33 (3) (in *Columba sp.*); 1898c, 91 (s. *tenuissimum*) (in *piccioni domestici*; Trieste).
- contortum* Crep., 1839a, 278 (in *Charadrius hiaticula*, *Corvus cornix*, *Falco buteo*, *Recurvirostra avocetta*, *Tringa pugnax*, *Uria grylle*, *Vanellus cristatus*; by Crep.); 1846, 136, 137.—Baird, 1853a, 2.—Dies., 1851a, 252.—Duj., 1843a, pl. 14 fig. C, 1–2; 1845a, 12–13 (so. *dispar* Duj.) (in *avocette*, buse, combattant, corneille, guillemot, vanneau; by Crep.).—Eberth, 1863a, 45, 48, 50, 53, 59, pl. 6 fig. 5, pl. 7 fig. 18.—Fiebiger, 1912a, 248.—Frœhner, 1915a, 260.—Gedölst, 1911a, 113, fig. 150 (in young ducks).—Hébrant & Antoine, 1913, v. 62 (1), 4–8.—Hut. & Mar., 1906a, 189, 208; 1910b, 252; 1913b, 258.—Kowal., 1904, v. 38, 21 (6) (in *Anas boschas dom.*; Dublany).—Lepri, 1898a, 53, 54, 55–56, figs. 1–5 (in *Accipiter nisus*).—Leuck., 1868a, 462.—Linst., 1873g, 296 (in *Sturnus vulg.*); 1875a, 200 (in *Anas crecca*; by Linst.); 1877, 176–177 (in A. c., *Corvus corone*, *Larus ridibundus*, *Sturnus vulg.*); 1879a, 181 (in *Lusciola tithys*); 1884a, 135–136 (in L. *rubecula*); 1887d, 113 (in *Astur nisus*; by Linst.); 1890d, 182; 1897c, 618–619, pl. 28 fig. 30 (in *Corvus cornix*); 1909a, 79, fig. 76 (in *Anas boschas*, A. *crecca*, Lar. *rid.*).—Mordw., 1908, v. 13 (1–2), 190.—Müeh., 1898b, 50 (in C. c., L. r., *Machetes pugnax*, S. *vulg.*).—Müll., 1904a, 120.—Neum., 1892d, 375, 376.—Nev.-Lem., 1912a, 766.—Pearson & Warren, 1896a, 42 (in birds).—Rail., 1893a, 487–488, fig. 337.—Rail. & Lucet, 1889b, 382–383 (in *Anas dom.*); 1890b, 19, 21 (in *Accipiter nisus*, *Ruticilla tithys*, *Rubecula fam.*); 1890, 1–12, pl. 1 figs. 1–6.—Stoss., 1890a, 23–24 (in *Anas crecca*, *Aegialites hiaticula*, *Buteo vulg.*, *Corvus corone*, C. *monedula*, C. *cornix*, C. *frugilegus*, *Larus rid.*, L. *canus*, Lusc. *tith.*, L. *rub.*, Mach. *pug.*, *Nisus communis*, *Recurvirostra avocetta*, St. *vulg.*, *Uria grylle*; Germany); 1892b, 72 (9) in Cor. *corone*; Trieste); 1895c, 33 (3) (in But. *vulg.*, *Larus can.*; Trieste, Dalmazia); 1896, 123; 1898c, 92 (in B. v., C. c., L. c.; Trieste, Iamiano).—Wolfh., 1900a, 10, 30, 32 (in Cor. *corone*, C. *cornix*; Germany).
- corvi-monedula* Baird, 1853a, 105 (in *Corvus monedula*; Ireland, quotes Bellingh., 1845a, 477) (so. *resectum*).
- convolutum* (Fourm., 1885) Stoss., 1890a, 17 (in *Ossifraga gigantea*).
- corvorum* Rud., 1819a, 15, 223 (in intest. *Corvus caryocatactes*, C. *monedula*, C. *pica*; C. E. V.).—Baird, 1853a, 105.
- crassicauda* Büetsch., 1873a, 10 (misprint for *crassicauda*).
- crassicauda* Bellingh., 1840a, 349 (in Norway rat; by Bellingh.); 1845a, 476.—Baird, 1853a, 2.—Braun, 1895b, 8; 1906a, 4.—Büetsch., 1872a, 236–241, pl. 8 figs. 1–7; 1873a, 37.—Dies., 1851a, 259 (s. *muris-decumanus*) (in *Mus decumanus*; Ireland, Paris).—Duj., 1845a, 11.—Eberth, 1863a, 48, 50, 53, 54, 61, pl. 6 fig. 3, pl. 7 figs. 9–11.—F., S., & T., 1916a, 4 (*crassicaudum*) (in M. d.).—Hempelm., 1912a, 108.—Leuck., 1868a, 462; 1879a, 14; 1886d, 10.—Linst., 1874c, 271–286, figs. 1–6.—Löwenstein, 1910, v. 69, 533–546 (pathology); 1911, v. 9 (6), 265–266; 1911, v. 22 (13), 596.—Looss, 1892a, 90.—Müeh., 1898b, 50 (in M. d.).—Pratt, 1916a, 221.—Rail., 1893a, 489.—Shipley, 1896a (1901b), 145.—Stoss., 1898c, 91–92 (in M. d.; Trieste).—Walter, 1866a (b), 76–77 (26–27) (in M. d.).
- crassicaudatum* Leuck., 1868a, 491 (apparently for *crassicauda*).—Pratt, 1916a, 221.

TRICHOSOMA—Continued.

- crotali* Rud., 1819a, 16 (in intest., *Crotalus durissus*; C. E. V.).—Dies., 1851a, 263 (s. Cap. *crotali-durissi*) (in *Urocrotalon catesbyanum*; M. C. V.).—[Duj., 1845a, 21 (in C. d.; M. C. V.).]—Par., 1897c (d), 380 (1), 383 (s. Cap. c.-d.) (in U. c.).—Rizzo, 1902b, 36.—Stoss., 1890a, 28 (in *Orocrotalon* c.).
- crypturi* Rud., 1819a, 636–637 (in intest., *Crypturus*; Brazil).—Dies., 1851a, 262 (in *Tinamus tao*; B.).—Duj., 1845a, 20.—Stoss., 1890a, 28 (in T. t.; B.).—Also reported for C. sp.
- curvicauda* Duj., 1845a, 16 (in martinet [*Cypselus*], *Hirundo rustica*; Rennes, Wien).—Dies., 1851a, 253.—Stoss., 1890a, 9–10 (in *Cypselus apus*, H. r.; Rennes, Wien).
- cylindricum* Eberth, 1863a, 47, 50, 53, 60, pl. 6 fig. 13 (in *Falco buteo*).—Müell., 1904a, 12.—Stoss., 1890a, 28 (in *Buteo* vulg.).
- cyprini* Stoss., 1890a, 31 (so. *tomentosum*) [see Crep., 1829a, 2–3, in intest., *Cyprinus*; and Mehl., 1831a, 74].
- delicatissimum* Gedelst., 1903a, 50, 105 (in *Phasianus colchicus*); 1911a, 113 (in pheasant).—Hut. & Mar., 1913b, 258.—Nev.-Lem., 1912a, 763.—Perronc. & Tomiolo, 1901, 68.
- diesingii* Kolenati, 1856d, (1857a), 13 (in *Myotus murinus*; Kolenati).
- dispar* Duj., 1845a, 13, pl. 2 fig. A (s. *contortum* Duj., 1843) (in *Falco subbuteo*; Rennes).—Dies., 1851a, 261 (s. c.) (in F. s.; Rennes).—Eberth, 1863a, 48, 50, 53, 60, pl. 7 figs. 4, 17.—Leuck., 1868a, 462.—Müell., 1904a, 120.—Rail. & Lucet, 1890b, 19.—Stoss., 1890a, 20 (in *Buteo* vulg., F. s.; Rennes).
- dubium* Kowal., 1894a (b), 226 (Dublany); 1894, 6; 1985a (b), 361–362, 366 (13–14, 18), figs. 14–17; 1900a (b), 185 (so. *retusum*); 1902d (e), 30 (12) (so. r.).—Gedelst., 1911a, 113 (in chicken).—Nev.-Lem., 1912a, 769.
- entomelas* Duj., 1845a, 10 (intestin d'une fouine [*Mustela foina*]; Rennes).—Cobbold, 1879b, 299 (in weasels).—Dies., 1851a, 259 (in *M. putorius*, M. f., M. vulg.).—Mol., 1861c, 327 (so. *Calodium alatum*).—Stoss., 1890a, 7 (so. *alatum*) (in M. f., *Putorius putorius*, P. vulg.; Padua, Rennes).
- erinacei* Rud., 1819a, 14 (in intestinis ten. *Erinacei europæi*; C. E. V.).
- exiguum* Duj., 1845a, 9–10 (in hérisson; Rennes).—Blochm., 1892b, 650, 651.—Cobbold, 1879b, 295 (in Cheiropt.).—Dies., 1851a, 251 (s. *erinacei*, Cap. *erinacei-europæi*) (in *Erinaceus europæus*; Rennes, Ireland).—Eberth, 1863a, 47, 50, 52, 53, 56, pl. 6 figs. 6, 9, 10.—Hofmann, 1899a, 192.—Leuck., 1868a, 463, 499.—Linst., 1878a, 15 (in E. e.); 1878, 231, fig. 16.—Müch., 1898b, 50 (in E. e.).—Schneid., 1866a, 168.—Stoss., 1890a, 11–12 (in E. e.; France, Germany); 1896c (d), 123 (5) (in E. e.; Trieste); 1898c, 91 (in riccio; Trieste).
- exile* Duj., 1845a, 15 (intest., *Turdus merula*; Rennes).—Dies., 1851a, 253 (in T. m.; Rennes).—Eberth, 1863a, 45, 48, 50, 57, pl. 7 fig. 7.—Kowal., 1903c, 201.—Stoss., 1890a, 14 (in T. m.; R.).
- falconis-nisi* Dies., 1851a, 261 (so. *falconum* Rud.) (in *Falco nisus*; Rennes; Duj., 1845a, 13, pl. 2 fig. A, 4).—Stoss., 1890a, 22 (so. *falconum*) (in F. n.; R.).
- falconis-pygargi* Dies., 1851a, 261 (so. *falconum* Rud.) (in *Falco pygargus*; Rennes; Duj., 1845a, 14).—Stoss., 1890a, 22 (so. *falconum*) (intest., F. p.; R.).
- falconum* Rud., 1819a, 15, 222–223 (cf. *Fil. milvi*) (in intest., *Falco buteo*, F. *milvus*; [Europe]).—Cobbold, 1858b, 164 (in F. m.); 1879b, 447.—Dies., 1851a, 260.—Eberth, 1863a, 48, 50, 53, 59–60, pl. 6 fig. 1.—Kowal., 1903c, 199, 200.—Linst., 1909a, 79 (in *Milvus milvus*).—Müell., 1904a, 120 (*falconum*).—Rail. & Lucet, 1890b, 19.—Stoss., 1890a, 21–22 (s. *falconis-nisi*, f. *pygargi*) (in *Buteo* vulg., *Falco pygargus*, *Nisus com.*, *Milvus regalis*; Rennes).—Wolffh., 1900a, 10, 13 (in *Accipiter nisus*; Europe).—Also reported for *Astur nisus*, *Circus cyaneus*, C. *pygargus*.
- falcorum* Müell., 1904a, 120 (for *falconum*).
- felis-cati* Dies., 1851a, 259 (s. *cati*) (in urinary bladder, *Felis catus fera*; Ireland, Bellingh., 1845a, 476); 1861a, 691.—Cobbold, 1879b, 309 (in wild cat; by Bellingh.).—Gedelst., 1911a, 113 (in dom. cat).—Linst., 1880a, 49 (in F. c.).—Nev.-Lem., 1912a, 761.—Rail., 1893a, 488.—Shipley, 1896a (1901b), 145 (in cat).—Sieb., 1845a, 206.—Sl. & Sw., 1912a, 391, 404.—Stoss., 1890a, 28 (in F. c., F. dom.; Ireland, Germany, Austria, Phila.).—Wedl, 1855a, 392.—Wolffh., 1911, 54–56, 106.
- filiforme* Linst., 1885b, 247–248, pl. 15 fig. 26 (in *Triton alpestris*, T. *cristatus*); 1909a, 79 (in T. a., T. c.).—Stoss., 1890, 20.

TRICHOSOMA—Continued.

- fringillæ* Rud., 1819a, 15 (in *infest.*, *Fringilla caelebs*; C. E. V.).
- gallinum* Kowal., 1894a (b), 226 (Dublanach); 1894, 6; 1895a (b), 362–364, 366 (14–16, 18), figs. 18–22; 1900a (b), 185 (so. *caudinflatum*); 1902d (e), 30 (12) (so. c.).—Gedølst, 1911a, 113 (in chicken).—Nev.-Lem., 1912a, 769.—Shipley, 1911, 214 (so. *longicollæ*).
- gracilis* Bellingh., 1840a, 349 (in *Gadus merluccius*; Ireland); 1841a, 477.—Dies., 1851a, 263 (in *Merlucius vulg.*; I.).—Duj., 1845a, 22.—Krøyer, 1838–40a, 608 (in M. v.).—Stoss., 1890a, 25 (in M. *esculentus*; Italy, Ireland).
- gracile* Mol., 1858d, 156 to (Thominx) (in *Gadus merluccius*; Padua); 1861c, 322–325, 327, 328, pl. 15 figs. 3–8 to (Th.) (in G. m.; P.).
- hepaticum* (Bancroft, 1893) Rail., 1898b, 173.—Bossuat, 1902, v. 6 (2), 192.—Gasperi, 1914, v. 60 (11), 326.—Galli-Val., 1901c, 359 (in *Mus decumanus*; Switz.); 1903l, 88–89, fig. 2 (in M. d.).—Mink, 1909, v. 3, 52.—Stiles, 1906, 75.
- hepaticum* Gasperi, 1913, *Pathologica*, 642 (in chimpanzee; Paris); 1914, v. 60 (11), 326.
- hirundinis* Rud., 1819a, 15 (in *intestinis* *Hirundinis rustice*; C. E. V.).
- ibidis* Eberth, 1863a, 48, 50, 53.
- incrassatum* Dies., 1851a, 257 (*Liniscus exilis* renamed) (in *Sorex tetragonurus*; Rennes); 1860, 691.—Cobbold, 1879b, 296 (in S. t.).—Stoss., 1890, 6.
- inflexum* Rud., 1819a, 13, 221 (in *intest.*, *Turdus cyaneus*; Mus. Wien).—Bellingh., 1844, 476.—Blainv., 1828, 538.—Brems., 1824a, 124, pl. 1 figs. 12–15.—Crep., 1839, 278.—Dies., 1851a, 252.—Duj., 1845a, 14–15.—Lam., 1840, 660.—Nordm., 1840a, 660.—Stoss., 1890, 10.
- lemmi* Dies., 1851a, 260 (in *Lemmus amphibius*; Retzius, 1841a, 419).—Hall, 1916a, 33, 37 (in *Arvicola amphibius*).—Linst., 1909a, 80 (in A. a.).—Stoss., 1890a, 28 (in A. a.).
- leporis* Dies., 1851a, 258–259, 574 (so. *leporis pulmonale*).
- leporis (pulmonale)* (Rud., 1819) Dies., 1851a, 258 (s. *leporis*, Fil. *pulmonalis*) (in *Lepus timidus*; by Frøel.).—[Duj., 1845a, 12.]—Hut. & Mar., 1910b, 69.—Stoss., 1890a, 29 (in L. t.).
- lineare* Leidy, 1856b, 54 (*intest.*, *Felis catus*; by Leidy); 1904a, 100–101.—Gedølst, 1911a, 114 (in cat.).—Hut. & Mar., 1913b, 504.—Nev.-Lem., 1912a, 761.—Rail., 1893a, 489 (in F. c.).—Stoss., 1890a, 28 (so. *felis-cati*).—Also reported for F. dom.
- longevaginatam* Linst., 1879b, 335 (s. *alaudæ* M. C. V.) (in *Alauda arvensis*; Coll. Hering).—Stoss., 1890, 13.
- longicollæ* Rud., 1819a, 14, 221–222 (s. *Hamularia nodulosa*) (in *intest. crass.*, *Phasianus gallus*, P. *colchicus*, in cœc. *Tetrao. urogallus*, T. *perdix*, T. *tetrax*; Europe).—Bail., 1866b, 75.—Bellingh., 1844a, 476.—Caruccio, 1886, 293.—Cobbett & Graham-Smith, 1911, 284, 307.—Cobbold, 1858b, 165 (in Tet. u.); 1861, 122; 1869a, 67 (in black grouse, capercaillie, grey partridge, pheasant); 1879b, 440, 447, 448.—Dav., 1877a, ciii.—Dies., 1851a, 260.—Duj., 1845a, 19 (s. Cap. *semiteres*, Fil. *gallinæ*, F. *phasiana*, F. *tetricus*, Gord. *gallinæ*, Ham. n., *Lingulata unilinguis*) (in *Phasianus gallus*, P. *colchicus*, *Tetrao tetrax*, T. u.; Rennes, Mus. Wien).—Eberth, 1863a, 48, 53, 57–58, pl. 6 fig. 11.—Fiebiger, 1912a, 247.—Galli-Val., 1901c, 360 (in Ph. *versicolor*; Milan).—Hass., 1896a, 6 (so. C. s., F. g., F. p., F. t., G. g., H. n., L. u.) (in *Gallus dom.*).—Hut. & Mar., 1906a, 403; 1910b, 506.—Kowal., 1900a (b), 185 (of Vien Mus., so. *caudinflatum*, of Duj. so. *retusum*) (in Ph. co., Tet. u.; Mus. Wien); 1901a (b), 278 (11) (so. *retusum*).—Land., 1882, 23.—Mehl., 1831, 74.—Mol., 1861, 302 (so. *annulatum*); 1861c, 320 (so. T. a.).—Nordm., 1840a, 666 (so. Ham. n.).—Par., 1887, 85; 1887b, 357–358 (85–86), pl. 7 figs. 48–49 (s. Gord. g., Fil. *gallinæ*, F. tet., L. u., Cap. s., Ham. n., *Trichosoma longicollæ*) (in *Gallus dom.*, Ph. co., P. *pictus*, *Perdix cinerea*, Tet. *tetrax*, T. u.; Cagliari).—Schlott-hauber, 1860, 125.—Shipley, 1908d, 10, 11 (in grouse); 1909t, 68; 1911, 214–217, pl. 33 figs. 4–5 (in *Chrysolophus pictus*, *Coturnix com.*, *Gallus gallinaceus*, *Lyrurus tetrax*, *Perdix cinerea*, Ph. c., Tet. u.).—Stiles & Hass., 1894e, 349 (in T. u.).—Stoss., 1890, 15.—Wehrmann, 1909a, 235 (in *Numida meleagris*).—Wolffh., 1900a, 10, 46, 49, 50, 52, 53 (in Ph. c., Tet. u., *Sterna cinerea*; Germany).—Also reported for *Phasianus* sp.
- longicollæ* of Duj. and of Eberth [not of Rud.]: Rail., 1893a, 486 (so. *retusum*) (in *cecum*, *Gallus gallus*, *Numida*; by Duj. and Rail.).—Hass., 1896a, 6 (so. r.).—Kowal., 1900a (b), 185.

TRICHOSOMA—Continued.

- longifilum* (Duj., 1845) Dies., 1851a, 256 to (Calodium) (in *Accentor modularis*; Rennes).—Stoss., 1890a, 9.
- longispiculum* Sons., 1889c, 236–237 (in *Phyton* [i. e. *Python*] *molurus*; Mus. Pisa).—Kowal., 1900a (b), 186 (in *P. molurus*; Stanislawow Menag.); 1901a (b), 281–283 (14–16, 18) (in *P. m.*); 1902d (e), 26 (8) (in *P. m.*; Stanislawowie); 1904, v. 38, 26 (11) (in *P. m.*).—Par., 1897c (d), 380, 384 (1, 5), pl. 10 figs. 1–3 (in *P. m.*; India).—Rizzo, 1902b, 36.—Stoss., 1890a, 13 (in *P. m.*).
- manica* (Duj., 1845) Dies., 1851a, 257 to (*Thominx*) (in *Fringilla cœlebs*; Rennes).—Stoss., 1890a, 25 (in *F. c.*; R.).
- meleagris-gallopavo* Barile, 1912, BSzF, 126–133, figs. 1–3 (in *Meleagris gallopavo dom.*; Turin).
- mingazini* Rizzo, 1902b, 35–37, figs. 9–10 (in *intest.*, *Tropidonotus natrix*; Catania).—Linst., 1909a, 79 (in *T. n.*).
- modiglianii* Par., 1897c (d), 381, 384 (2, 5), pl. 10 figs. 4–7 (in *Trimeresurus formosus*; Mentawai, Sumatra); 1898a (b), 118 (17) (in *T. f.*; Mentawai Isl.).—Rizzo, 1902b, 36 (in *T. f.*).
- mucronatum* (Mol., 1858) Stoss., 1890a, 8 (in *Mustela foina*; Padua).
- muris-decumani* Rayer, 1843g, 180–182, pl. 8 figs. 12–19 (in *Mus decumanus*).—Baird, 1853a, 2.—Duj., 1845a, 11 (so. *crassicauda*) (in *M. d.*; Paris, Ireland).—Hall, 1916a, 13, 18, 35.—Mol., 1861a (b), 616 (192) (= *Calodium annulosum*).—Stoss., 1890a, 18 (so. *c.*).
- muris-musculi* Dies., 1861a, 692 (quotes *Crep.*, 1849a, 56; in *Mus musculus*; by *Frœl.*, 1791a, 100).—Hall, 1916a, 33, 37 (in *M. m.*).—Stoss., 1890a, 29 (in *M. m.*).
- muris-sylvatici* Dies., 1851a, 259 (in *Mus sylvaticus*; Rennes, Duj., 1845a, 11).—Hall, 1916a, 33, 36 (in *Apodemus sylvaticus*; France).—Stoss., 1890a, 29.
- mustelæ* Mol., 1861c, 327 (so. *Calodium alatum*) (in *Mustela vulg.*; Ireland, Bellingh., 1845a, 476).
- myoxi-nitelæ* Dies., 1851a, 260 (in *Myoxus nitela*; Rennes, Duj., 1845a, 12).—Cobbold, 1879b, 315 (in *M.*).—Hall, 1916a, 33, 36–37 (in *Eliomys quercinus*; France).—Stoss., 1890a, 29 (in *M. n.*; Rennes).
- nodosum* [? (Rud., 1809)] Eberth, 1863a, 53.
- obtusiusculum* Rud., 1819a, 13, 220 (in *Ardea grus*; Mus. Wien).—*Crep.*, 1846, 136.—Dies., 1851a, 254.—Duj., 1845a, 20–21.—Lam., 1840, 660.—Mehl., 1831, 74.—Nordm., 1840a, 660.—Stoss., 1890, 6.—Also reported for *Vanellus cristatus*.
- obtusum* Rud., 1819a, 13, 220–221 (s. *Trichoc. tenuissimus*) (in *intestinis cœcis* *Strigis aluconis*, *S. bubonis*, *S. dasypodis*, *S. oti*, *S. passerinæ*; Europe).—Bellingh., 1844, 476.—*Crep.*, 1846a, 130 (in *Falco buteo*, *F. lagopus*, *F. nisus*).—Dies., 1851a, 252 (s. *Fil. strigis*, *T. t.*) (in *F. l.*, *Strix passerina*, *S. bubo*, *S. aluco*, *S. tangmalmi*, *S. otus*, *S. flammea*; Greifsw., Rennes).—Duj., 1845a, 14 (s. *F. s.*, *T. t.*) (in *S. aluco*, *S. bubo*, *S. passerina*, *S. otus*, *S. dasypus*, *S. flammea*; Germany, Austria, Rennes).—Eberth, 1863a, 45, 48, 53, 59, pl. 6 figs. 14, 16.—Linst., 1877, 177 (in *S. otus*); 1880a, 49 (in *S. noctua*).—Müell., 1904a, 120.—Rail. & Lucet, 1890b, 19.—Stoss., 1890a, 21 (in *Bubo maximus*, *Nyctale dasypus*, *Otus vulg.*, *Strix f.*, *Syrnium aluco*, *Surnia noctua*, *S. passerina*; France, Austria, Germany).—Wolffh., 1900a, 10, 16, 17 (in *O. v.*; Germany).—Also reported for *Aegolius otus*, *Brachyotus palustris*, *Buteo lagopus*, *Coracias garrulus*.
- ornatum* Duj., 1843a, [335], 347, pl. 14 figs. B, 1–7 (de la Farlouse); 1845a, 28 (to *Calodium*).—Dies., 1851a, 256 to (*C.*) (in *Anthus pratensis*; Rennes).—Stoss., 1890a, 6 (in *A. p.*; R.).
- ovopunctatum* Linst., 1873g, 296, pl. 13 fig. 2 (in *Sturnus vulg.*; by Linst.).—Stoss., 1890a, 12 (in *S. v.*; Ratzeburg).
- pachyderma* Linst., 1877b, 177–178 (in *Podiceps minor*; Hagenau); 1909, 80 (in *Columbus nigricans*).—Stoss., 1890a, 22 (in *P. m.*; Hagenau).
- pachykeramotum* Wedl., 1856b, 127–129, figs. 9–12 (in *Jagdleopard*; by Wedl.).—Dies., 1861a, 691 to (*Liniscus*) (in *Felis guttata*; Wien).—Stoss., 1890a, 13 (in *F. g.*).—Also reported for *Cynailurus guttatus*.
- papillifer* Linst., 1877a, 7, pl. 1 fig. 11 (in *Hirundo urbica*; by Linst.).—Stoss., 1890a, 22 (in *Chelidon rustica*; Hameln).—Also reported for *C. urbica*.

TRICHOSOMA—Continued.

- papilligerum* Rail. & Henry in Blome, 1911, RMv, v. 88 (11), 390 (Trichosomum papillosum Blome, 1909 nec Wedl 1856 renamed).
- papillosum* Wedl, 1856b, 129–130, figs. 13–14 (in sheep; by Wedl).—Blome, 1909, v. 21 (8–9), 353–368, pls. 1–3 figs. 1–15.—Curtice, 1890c, 16, 147.—Dies., 1861a, 692 (in Ovis aries).—Hut. & Mar., 1913b, 504.—Rail., 1893a, 489 (a strongyle) (in sheep; Buenos-Aires).—Rans., 1911a, 105, 107 (to Strongyloides).—Stoss., 1890a, 29–30 (in O. a.).—Trav., 1915, v. 7 (2), 159–160 (in O. a.).—Ward, 1895a, 338 (in O. a.).—Wolffh., 1911, 54.
- papillosum* (Polonio, 1860) Linst, 1878a, 21 (in Mus decumanus).
- papillosum* Fritsch, 1886a, 99, pl. 1, 105–106, figs. 7–8 (in stom., Malapterurus electricus; Egypt).—Linst., 1889a, 89 (in M. e.).
- papillosum* Blome, 1909, ZV, v. 21, 354–365, figs. 1–11, (in Auerhühner; Breslau); 1909, RMv, 390 (in Tetrao urogallus; B.); 1910, RgMv, v. 15, 716–717.—Trav., 1915, 156 (so. Cap. (Thominx) blomei).
- parile* Kowal., 1903b (c), 198–200 (7–9), figs. 7–9 (in Bubo maximus); 1903e, 518 (in B. m.); 1904, v. 38, 19, 21 (4, 6) (in B. m.; Boryslaw).
- picorum* Rud., 1819a, 15 (in intest., P. canus, P. major., P. viridis; C. E. V.).—Dies., 1851a, 261 (in P. canus, P. v., P. m.; Europe); 1861a, 692.—[Duj., 1845a, 18 (in P. m.; Rennes).—Eberth, 1863a, 53.—Leidy, 1856b (1904a), 55 (101) (in P. colaris).—Linst., 1879b, 335–336 (in P. martius; Coll. Hering).—Stiles & Hass., 1894e, 349.—Stoss., 1890a, 10–11 (in Gecinus viridis, G. canus, P. canus, P. m.; Phila. & Europe).—Trav., 1915, 153 (of Leidy, 1856, so. Cap. (C.) leidyella).—Wolffh., 1900a, 10, 43 (in Dryocopus martius).—Also reported for Dendrocopus major.
- plica* Rud., 1819a, 14, 222 (in Canis lupi vesica urinaria; Berl.).—Bail., 1866b, 74 (to Calodium).—Balla, 1911, v. 27 (32), 579–580.—Bellingh., 1845a, 476 (in dog, fox).—Cobbold, 1869a, 47, 50; 1873c, 91; 1879, 305, 309.—Dav., 1877a, ciii.—Dies., 1851a, 255 to (C.) (s. canis-vulpis) (in Canis vulpes, C. fam.; B., Ireland, Paris).—Duj., 1845a, 10 (in dog, fox, wolf; B. I.) (cf. Calodium).—Eberth, 1863a, 47, 50, 53, 55–56, pl. 6 fig. 8, pl. 7 figs. 6, 13.—Galli-Val., 1908, 610 (in dog; Milan).—Geddelst, 1911, 113 (in dog).—Mol., 1861c, 328 (to C.).—Mueh., 1898b, 50 (in C. vulpes).—Nev.-Lem., 1912a, 759.—Rail., 1893a, 485 (in chien, loup, renard; Europe).—Schneid., 1866a, 169, pl. 13 fig. 2.—Shipley, 1896a (1901b), 145 (in fox, wolf).—Sl. & Sw., 1912a, 391, 404.—Stoss., 1890a, 5 (in C. f., C. v.; Europe).—Verrill, 1870, 173.—Ward, 1895a, 343 (in C. f.).—Also reported for C. lupus, Vulpes vulg.
- protractum* Duj., 1845a, 20 (in Vanellus cristatus; Mus. Wien).—Dies., 1851a, 262 (s. vanelli) (in V. c.; M. C. V.).—Stoss., 1890a, 30.
- putorii* Rud., 1819a, 14 (intestinis ten. Mustelæ putorii, Erinacei europæi; C. E. V.).—Mol., 1861c, 327 (s. Calodium alatum).
- recurvum* Solger, 1877a, 19–23, pl. 2 figs. 1–5 (in Crocodilus acutus; Mex.).—Cobbold, 1879b, 456.—Stoss., 1890a, 30 (in C. a.; Mex.).
- resectum* Duj., 1843a, [335], 347, pl. 14, figs. D1–3 (intest., Corvus monedula; Rennes); 1845a, 17–18 (in C. m.; R.).—Baird, 1853a, 2.—Dies., 1851a, 254 (s. corvorum, corvi-monedulæ, Cap., C. corvi-monedulæ) (in C. caryocatactes, C. m., C. pica, C. glandarius, C. frugilegus; M. C. V., R., Ireland); 1861a, 691 (in C. f.; Padua); 1861c, 280.—Eberth, 1863a, 45, 48, 50, 56–57, pl. 6 figs. 15, 18, pl. 7 figs. 5, 12.—Kowal., 1903c, 197–198, figs. 3–6; 1903e, 517–518; 1904, v. 38, 21 (6) (in Garrulus glandarius, Pica caudatâ; Dublany).—Leuck., 1868a, 462.—Linst., 1877b, 177 (in C. g.).—Mol., 1858d, 156 (in C. f.; P.); 1861c, 321 (in C. f.; P.).—Stoss., 1890a, 14–15 (in C. m., C. f. G. g.; Europe).—Wolffh., 1900a, 10, 19, 20, 21, 25, 26, 30, 33, 34, 35, 36, 37, 38, 39 (in Corvus corone, C. f., G. g., Lycos monedula, P. c., Pyrrhocorax alpinas; Europe).
- retusum* Rail., 1893a, 486 (s. longicollis Duj. nec Rud.) (in cecum, Gallus gallus, Numida; France).—Fiebiger, 1912a, 247.—Freese, 1908, DtW., v. 16 (50), 713–716; 1909, v. 66 [n. s.], v. 34 (7), 434–436; 1909, v. 44 (5), 144–145; 1909, v. 14, 621.—Geddelst, 1903a, 50, 103 104 (in Gallus gallinaceus, Numida meleagris dom.); 1911a, 113 (in chicken, guinea fowl).—Hass., 1896a, 6 (in G. dom.).—Hut. & Mar., 1910b, 506; 1913b, 503, 504.—Kowal., 1900a (b), 185–186 (s. dubium) (in poule); 1901a (b), 277–281, 285 (10–14, 18), figs. 12–15; 1902d (e), 30 (12) (s. d.); 1904, v. 38, 25 (10) (in Gallus dom.; Dublany).—Nev.-Lem., 1912a, 761.—Shipley, 1911, 214.

TRICHOSOMA—Continued.

- rigidulum* Duj., 1845a 15-16 (in *Accentor modularis*; Rennes).—Dies., 1851a, 253 (in A. m.; R.).—Stoss., 1890a, 10 (in A. m.; R.).
- rubrum* Lint., 1892i, 705-707, figs. 1-5 (in *Spizella socialis*; Albany, N. Y.).
- schmidtii* Linst., 1874c, 283-286 pl. 8 figs. 4-6 (in *Mus decumanus*); 1878a, 21 (M. d.).—Stoss., 1890a, 16-17 (in M. d.).
- simile* Kowal. 1903b (c), 200-201 (9-10), figs. 10-11 (in *Turdus pilaris*); 1903e, 518, figs. 10-11 (in T. p.); 1904, v. 38, 19, 21 (4, 6) (in T. p.; Dublany).
- sonsinoi* Par., 1897c (d), 382-383, 384 (3-5), pl. 10 figs. 8-10 (in *Zamenis viridiflavus*; Pisa).—Rizzo, 1902b, 36 (in Z. v.).
- species Gerv.—Villot, 1875a, 467 (in *Delphinus delphis*).
- species Nicoll, 1911, PZSL, 674-676, fig. 165 (in *Lepus europæus*).
- species Perugia, 1893a, 11, 206-210 (in *Mus decumanus*; Genoa).
- species Schlotthauber, 1860a, 125 (in *Felis dom.*; by Schlotth.).
- species Schnyder. 1906a, 36 (in *Bos taurus*; Germany); 1906b, 191 (in cattle; Germany).
- species Wolffh., 1900a, 20 (in *Corvus corone*; Europe), 23 (in C. c.; E.), 34 (in C. frugilegus; E.), 45 (in *Turdus merula*; E.).
- species Wolffh., 1911, 56-57 (in *Anser cinereus dom.*; Argentine).
- species also reported for *Anas mollissima*, A. tadorna, *Anser torquatus*, *Charadrius pluvialis*, *Colymbus arcticus*, C. septentrionalis, *Falco albicilla*, *Felis catus*, *Vespertilio discolor*.
- speciosum* Ben., 1873b, 19-20 (in *Vespertilio daubentonii*, V. dasycnemus, V. serotinus; Belgium); 1873c, 319-321 (in bats; by Ben.).—Cobbold, 1879b, 294 (in Cheiropt.).—Linst., 1909a, 80, fig. 77 (in V. daub., V. das.).—Stoss., 1890a, 8 (in V. das., V. nattereri, V. daub., *Vesperus serotinus*; B.).—Also reported for *Vesperugo discolor*, V. noctula, V. serotinus.
- spinulosum* Linst., 1890d, 185 (in *Fuligula ferina*; Ing.).
- spirale* Mol., 1858 (1859e), 301 (in *Ibis falcinellus*; Padua); 1861c, 321 (in I. f., P.).—Dies., 1861a, 692; 1861c, 280.—Eberth, 1863a, 61, pl. 7 fig. 14 (in I. falcinella; Nizza).—Stoss., 1890a, 30-31 (in *Plegadis falcinellus*; Italy).
- spleneum* Dies., 1851a, 255 to (*Calodium*) (for *splænecum*) (in *Sorex araneus*; Rennes).—Cobbold, 1879b, 296 (in common shrew).—Leuck., 1868a, 462.—Stoss., 1890a, 8-9 (in *Crocodyra aranea*, S. leucodonta; Europe).
- spleneum* Duj., 1843a, 332-338, pl. 14 figs. A, 1-10 (in *Sorex araneus*; Rennes); 1845a, 25-26 (in *musaraigne*; R.), pl. 1 fig. a.
- splenoecum* Schneid., 1866a, 313 (for *spleneum*).
- striatum* Linst., 1879a, 182 (in *Astur nisus*; Ing.).—Stoss., 1890a, 19 (in *Nisus com.*; Hameln).
- strumosum* Reibisch, 1893a, 331-340, pl. 13 figs. 1-7 (in *Phasianus colchicus*; Germany); 1894a, 152.—Ciurea, 1914, 49-55, pl. 5 figs. 1-2.—Geddes, 1911a, 113 (in young pheasants).—Hut. & Mar., 1913b, 258.—Nev-Lem., 1912a, 763.
- talpa* (Sieb., 1850 or Dies., 1851) Linst., 1882a, 13-14 (in *Talpa*); 1878a, 18 (in T. europæa).—Seur., 1916, 363.—Stoss., 1890a, 31 (in T. e.).—Visentini & Gandini, 1915, v. 13 (12), 362.
- tenu* (Duj., 1845) Dies., 1851a, 258 to (*Eucoleus*) (s. Fil. erinacei) (in *Erinaceus europæus*; M. C. V.).—Galli-Val., 1906, v. 41, 746-747, figs. 1-2 (in liver, E. e.; Lausanne); 1907 (176), 46.—A. Müell., 1889a, 273, pls. 6-9 (in lungs, E. e.).—Rail. & Lucet, 1889, 360.—Stoss., 1890a, 20 (in E. e.; Wien., Hameln).
- tenuissimum* Dies., 1851a, 256-257 to (*Calodium*) (s. *columbæ*, *Calodium tenue* (in *Columba dom.*, C. livia; Ireland).—Anacker, 1893g, 185.—Collinge, 1911, 58 (in pigeon).—Eberth, 1863a, 47, 50, 53, 56, pl. 6 fig. 2.—Fiebiger, 1912a, 247.—Fröhner, 1915a, 260.—Hut. & Mar., 1906a, 403; 1910b, 506; 1913b, 503.—Leidy, 1886e, 310 (in *Zenaidura carolinensis*; Florida).—Nev-Lem., 1912a, 765.—Par. & Per., 1894, 151-152 (in *Mus decumanus*).—Pratt, 1916a, 221.—Rail., 1893a, 485 (s. c. *Calodium tenue* Duj. nec *Eucoleus tenuis* Duj.).—Stiles & Hass., 1894e, 349 (in Z. c.).—Stødtter, 1901a, 95 (in Tauben).—Stoss., 1890a, 12 (in Col. livia, C. dom., Z. c.; Ireland, Wien, Fla.); 1898c, 91 (so. c.).

TRICHOSOMA—Continued.

- tenuissimum* Leidy, 1891a (1904a), 412–413 (234) (in liver, *Mus decumanus*; by Leidy)—Trav., 1915, 158 (so. *Cap. leidyi*).
- tomentosum* Duj., 1843, [335], 348, pl. 14 fig. G (in cyprins); 1845a, 22, pl. 2 fig. E (in *Cyprinus idus*, *C. erythrophth.*, ?*C. jesus*; Rennes, ?Greifsw.).—Dies., 1851a, 263 (s. cyprini) (in *Cyprini* sp. inc., *Leuciscus idus*, *L. erythrophth.*; Greifsw., R.).—Hofer, 1904a, 230 (in *Idus melanotus*, *Scardinius erythrophth.*).—Krøyer, 1846–53a, 434, 462 (in *L. e.*, *L. i.*).—Linst., 1909a, 80 (in *I. m.*, *S. e.*).—Stoss., 1890a, 31 (in *I. m.*, *S. e.*; R.).
- totani* Linst., 1875a, 200 (in *Totanus hypoleucus*; by Linst.); 1909a, 80 (in *Trigonoides hypoleucus*).—Stoss., 1890a, 26 (in *Tot. h.*; Hameln).—Also reported for *Actitis hypoleucos*.
- tridens* (Duj., 1845) Dies., 1851a, 257–258 to (*Thominx*) (s. *Th. tridens*) (in *Sylvia luscinia*; Rennes).—Stoss., 1890a, 26 (in *Luscinia luscinia*; R.).
- trilobum* Linst., 1875a, 198–200 (in *Vanellus cristatus*; by Linst.).—Stoss., 1890a, 24 (in *V. c.*; Hameln).
- tritonis* Krabbe, 1857a, 520 [nv.] [cf. Duj., 1845a, 21 (in *Triton punctatus*; Paris)].—Leuck., 1868a, 462.—Linst., 1909a, 80 (in *T. tæniatus*).
- tritonis-cristati* Dies., 1861a, 692 (in *Triton cristatus*; Wedl; Krabbe, 1857a, 520–522).—Bossuat, 1902, v. 6 (2), 197.—Rail., 1889p, 67 (in *Triton*).—Stoss., 1890a, 31 (in *T. c.*; Wien).
- tritonis-punctati* Dies., 1851a, 262–263 (in *Lissotriton punctatus*; Medonæ; Duj., 1845a, 21, pl. 2 fig. F (see *tritonis*) (in *Triton punctatus*; Meudon)).—Stoss., 1890a, 31 (in *T. p.*; Paris).—Also reported for *T. tæniatus*.
- tuberculatum* Linst., 1914, CfB, v. 73, 395–396, figs. 1–2 (in *Acipenser ruthenus*; Biol. Station Wolg.).
- tumidum* (Zed., 1803) Blainv., 1828a, 538 (in canard) (=brevicolle).—Baird, 1853a, 3.
- turdi* Rud., 1819a, 15 (in intest., *Turdus viscivorus*; Wien).
- vanelli* Rud., 1819a, 15 (in intest., *Tringa vanellus*; C. E. V.).
- verrucosum* Giles, 1892d, 47–48, figs. 7–10 (in stom., sheep; Shillong) (in unpagged addendum, transferred to *Spiropt.*).—Rans., 1911 (127), 102 (to *Gongylo-nema*).—Trav., 1915, MIOC, v. 7 (2), 160 (in *Ovis aries*).
- vespertilionis* Rud., 1819a, 14 (in intest., *Vespertilio lasiopterus*; C. E. V.).—Kolenati, 1856d (1857a), 13–14 (in *Meteorus discolor*, *Panugo noctula*).
- TRICHOSOMAC Kowal., 1904, v. 38, 25 (10) (for *Trichosoma*).
- audinflatum* Kowal., 1904, v. 38, 25 (10) (misprint for *caudinflatum*) (in *Gallus dom.*; Dublany).
- TRICHOSOMATA Cobbold, 1879b, 179 (pl. for *Trichosoma*).
- Trichosomiasis (infection with *Trichosoma*).
- nasium*.—Balla, 1912, BtW, v. 28, 31 (see *Trichosoma aerophilum*).
- TRICHOSOMOIDES Rail., 1895a, 1302 (*Trichodes* Linst., 1874, nec Herbst, 1792 renamed).—Hall, 1916a, 12, 13, 18 (type *crassicauda*).—Stiles & Hass., 1905b, 144 (type c.).—Trav., 1915, v. 7 (2), 147.
- crassicauda* (Bellingh., 1845) Rail., 1895a, 1302.—Hall, 1916a, 12, 13–19, 221, figs. 9–19 (in *Epimys norvegicus*, *E. rattus*; Europe, U. S. A.).
- TRICHOSOMOIDINÆ Hall, 1916a, 9, 12 (tg. *Trichosomoides*) (*Trichinellidæ*; 1916b, 519).
- TRICHOSOMUM Crep., 1829b, 1; 1839a, 278 (for *Trichosoma*).—Mehl., 1831a, 74.—Rans., 1911 (127) 117 (so. *Cap.*).
- TRICHOSTOMA Westwood, 1851, 644 (for *Trichosoma*).
- TRICHOSTRONGYLIDÆ Leiper, 1912, JLSM, 116.—Cast. & Chalm., 1913a, 552–553.—Hall, 1916a, 106, 123, 148; 1916b, 518.—Rail., 1915, IVC, 735; 1915, RMv, 493.—Skjr., 1916, 472 (of Rail., 1914).—Trav., 1914 (of Leiper, 1908, see *Trichostrongylinæ*).
- TRICHOSTRONGYLINÆ Leiper, 1908 (3), 191 (subf. of *Metastrongylidæ*; contains *Trichostr.*, *Hæmonchus*, *Nematodirus*, *Cooperia*, *Ostertagia*).—Blgr., 1914, v. 7 (3), 242 (subf. of *Strongylidæ*).—F., S., & T., 1916a, 433.—Hall, 1916a, 123, 124, 131, 139, 141, 142, 144, 145, 146, 147, 148; 1916b, 518.—Nev.-Lem., 1912a, 645; 1914, BSzF, v. 39 (7), 293.—Rail. & Henry, 1910, v. 3 (5), 311;

TRICHOSTRONGYLINÆ—Continued.

1912, 563, 564, 565 (contains: C., Graphidium, H., Histiostr., Heligmosomum, N., O., T.).—Rans., 1911a, 124 (to replace in part *Metastrongylinae*).—Trav., 1914, May 15, 3-4; 1914, May 1, 3-4 (Brazil).

TRICHOSTRONGYLUS Looss, 1905o, 409-422, pls. 1-2 figs. 1-14 (tod. *retortæformis*); 1911a, v. 4, 201, 214, 216, 221, 223, 224, 274, 294, 317, 318.—Braun, 1908a, 326; 1915a, 345.—Brumpt, 1910a, 333, 389; 1913a, 459.—Cast. & Chalm., 1910a, 431, 449.—F., S., & T., 1916a, 434.—Gedølst, 1911a, 118.—Gilruth & Sweet, 1910, v. 33 (39), 626-627; 1910, v. 66, 418-421 (gastritis in cattle).—Hall, 1916a, 123, 124, 125, 126, 127, 128, 129, 130; 1916b, 518.—Ihle, 1917, 167, 170, 171.—Nev.-Lem., 1903a, 417; 1912a, 645.—Rail. & Henry, 1909a, 86, 87; 1912, 565.—Rans., 1907k, 1-2; 1908, v. 64, 309-314; 1911, v. 41, 363-369, figs. 1-7; 1911 (127), 14, 47, 86-87, 88, 90, 91, 92, 94, 96; 1917, TASTM, 80, 81, 82, 83.—Sl. & Sw., 1912a, 325-327.—Stiles, 1907, 582; 1914, MM, v. 2, 271, 294.—Stiles & Hass., 1905b, 144, 150.—Trav., 1914, Bm, 325 (4) (*Tricost.*).—Ward, 1916, 697.

axei (Cobbold, 1879) Rail. & Henry, 1909a, 87.—Fiebiger, 1912a, 274.—Gedølst, 1911a, 119 (in donkey, goat, horse, ox, sheep).—Hut. & Mar., 1913b., 472.—Nev.-Lem., 1912a, 716.—Rans., 1916., 297; 1917, 82.—Sl. & Sw., 1912a, 376, 402.—Wolfh., 1911, 65-66.

calcaratus Rans., 1911, PUSNM, 365-368, figs. 3-6 (in *Lepus sylvaticus*; Bowie, Md.); 1916, 297; 1917, 83.—Hall, 1916a, 125, 126-128, figs. 152-156 (in *Sylvilagus floridanus mallurus*; Md.)

callis Trav., 1914, Bm, 325 (4) (in *Didelphys aurita*; Rio de Janeiro) (*Tricost.*)

capricola Rans., 1907k, 2 (in goats, sheep; U. S. A.); 1911a, 14, 87, 96-98, 122, figs. 112-117 (in *Antilocapra americana*, *Capra hircus*, *Ovis aries*; U. S. A., Europe); 1916, 297; 1917, 82.

colubriformis (Giles, 1892) Rans., 1911a, 14, 87, 90, 122 (in *Ovis aries*; India); 1916, 295, 296; 1917, 80, 81.—Braun, 1915a, 346.—Lane, 1913, v. 48 (4), 129-132, (1-11), figs. 1-14 (s. *instabilis*) (in *Homo*); 1916, v. 4 (1), 76.—Neum. & Mayer, 1911a, 444.—Stiles, 1914, MM, v. 2, 294.

delicatus Hall, 1916a, 125, 130-131, figs. 161-163 (in *Sciurus aberti mimus*; Colo.). Rans., 1916, 297; 1917, 83.

douglasi (Cobbold, 1882; Gedølst, 1911) Theiler & Robertson, 1915, 291-345, figs. 1-22.

extenuatus (Rail., 1898) Rans., 1907k, 2 (s. *Str. gracilis* McFadyean, 1897, not Leuck., 1842) (in cattle, goats, sheep; Eng., U. S. A.); 1911a, 14, 17, 82, 87, 94-96, 108, 121, 122, 123, figs. 106-111 (s. S. g., *S. extenuatus*, *S. retortæformis*) (in *Antilocapra americana*, *Bos taurus*, *Capra hircus*, *Capreolus capreolus*, *Odocoileus hemionus*, *Ovis aries*, *O. nahura*, *O. mexicana*, *Rangifer terrænovæ*; U. S. A., Australia, Europe); 1916, 296; 1917, 82.—Blgr., 1914, v. 7 (3), 246, 247 (s. S. g.) (in sheep; Eng.).—Craig, 1915, 498.—Gardener, 1911, 484, 485, 487, 493, fig. 4 (in c., s.; U. S. A., Australia, Europe).—Ihle, 1917, 165, 170, 172.—[Norris, 1904, v. 5 (1), 48-57, 1 map, pls., figs. 1-11.]—Shipley, 1911, 213.

falculatus Rans., 1911, PUSNM, 364-365, figs. 1-2 (in *Capra hircus*; Pesene, S. Africa).

fiberius Barker & Noyes, in Barker, 1915, JP, v. 1 (4), 196-197, fig. c (in *Fiber zibethicus*; Neb.).—Hall, 1916a, 124, 129-130, figs. 159-160 (in *Ondatra zibethica*; N.).—Rans., 1916, 297; 1917, 83.

filicollis (Rud., 1802a) Sl. & Sw., 1912a, 377, 402, fig. 206.

instabilis (Rail., 1893) Looss, 1905o, 422 (s. *Str. subtilis*).—Blgr., 1914, P, v. 7 (3), 246, 247 fig. 3. (intest., *Ovis aries*; Eng.).—Braun, 1908a, 326-327, figs. 266-267 (s. S. s.); 1915a, 346, figs. 297, 298.—Brumpt, 1910a, 389; 1913a, 459.—Cast. & Chalm., 1910a, 431, 926.—F., S., & T., 1916a, 434, 435, figs. 309-310.—Gedølst, 1911a, 119 (in dromadaire, sheep, man).—Ihle, 1917, 165, 170, 171.—Jimbo, 1914, CfB, 54 (in *Antilope dorcas*, *Camelus dromedarius*, *Homo*, *Ovis aries*, *O. laticauda*, *Papio hamadrias*).—Lane, 1913, v. 48 (2), 1-11 (s. *colubriformis*).—Looss, 1911a, 216, pl. 12 figs. 127, 128, pl. 14 figs. 148-150, pl. 15 fig. 161; 1914, v. 2, 511.—Neum. & Mayer, 1914a, 443.—Nev.-Lem., 1908a, 458; 1912a, 716.—Rail. & Henry, 1909a, 87; 1912, 566.—Rans., 1907k, 2; 1911a, 14, 87, 88-89, 90, 92, 96, 122, 123, 124, figs. 94-97 (s. ? s., *Str. colubriformis*, *S. retortæformis*) (in *Antilocapra americana*, *Cam. bactrianus*, C. d., *Capra hircus*, *Capreolus capreolus*, *Gazella dorcas*, H., O. a., *O. nahura*,

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instabilis—continued:

P. h.; Europe, N. Africa, Japan; U. S. A., ? India); 1916, 295; 1917, 80, 81.—Shipley, 1911, 212 (in *Antilope d.*, C. d., H., O. a., O. laticauda, P. h.).—Sl. & Sw., 1912a, 326, 401, fig. 184.—Stiles, 1914, MM, v. 2, 294.—Stitt, 1910a, 242; 1916a, 324.—Ward, 1916, 697, fig. 4104.—Wellman, 1914, 798.—Wolffh., 1911, 65.

maciele Trav., 1915, Bm, 388 (3) (in *Tatus* (T.) *novemcinctus*; Brazil) [Cooperia written in the reprint, p. 3].

nodularis (Rud., 1809) Shipley, 1909p, 340 (in *Anatidæ*); 1911, 212-213.

orientalis Jimbo, 1914, AZJ, v. 8, (3-4), 459-465, pl. 5 figs. 1-5 (in *Homo*; Japan); 1914, CfB, v. 75 (1), 53-59, figs. 1-4.—Braun, 1915a, 346.—Kitamura, 1916, v. 2, 1-69, 6 pls.; 1917, JRMS, (1), 126.—Rans., 1916, 295, 296; 1917, 81, 82.—Ward, 1916, 697.

pergracilis (Cobbold, 1873) Rail. & Henry, 1909a, 87.—Cobbett & Graham-Smith, 1911, 274, 275, 282, 286, 299, 300, 304, pl. 41 figs. 9, 10, pl. 42 figs. 11, 12.—Fanth., 1911, 261; 1911, 316.—Leiper, 1911, v. 1, 207, 218-234, figs. 16-30.—Rans., 1916, 297; 1917, 83.—Shipley, 1908d, 9-10, 11 (in grouse); 1909t, 64-65 [fig. 1—erroneously reported in a rainbow trout, should be *Cystidicola farionis*]; 1911, 209, 213, 217, 218, pl. 33 figs. 1-3.—Wilson, 1911, v. 2, 91-112.

pigmentatus (Linst., 1904) Hall, 1916a, 124, 128-129, figs. 157-158 (in *Lepus nigricollis*; Ceylon).

probolurus (Rail., 1896) Looss, 1905o, 419-421, 422, figs. 9-11 (in *Antilope dorcas*, *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda; ?Paris and Egypt); 1905, 414; 1911a, v. 216, pl. 12 figs. 125, 126.—Braun, 1908a, 327 (in A. d., C. d., H., O. a., O. l.; Egypt); 1915a, 346.—Brumpt, 1910a, 391; 1913a, 461.—Cast. & Chalm., 1910a, 432, 926.—F., S., & T., 1916a, 435, figs. 311, 312.—Fiebiger, 1912a, 272.—Geddelst, 1911a, 119 (in dromadaire, sheep, man).—Jimbo, 1914, CfB, 54 (in A. d., C. d., H., O. a., O. l.).—Nev.-Lem., 1908a, 458; 1912a, 716.—Rail. & Henry, 1909a, 87; 1912, 366.—Rans., 1911a, 14, 87, 90-92, 122, 123, 124, figs. 98-101 (s. *Str. probolurus*) (in C. bactrianus C. d., *Gazella dorcas*, H., O. a.; N. Africa, Europe, U. S. A.); 1916, 295, 296; 1917, 81.—Shipley, 1911, 212 (in A. d., C. d., H., O. a., O. l.).—Sl. & Sw., 1912a, 327, 402.—Stiles, 1914, MM, v. 2, 294.—Verdun, 1907a, 383 (in d., mouton, H.; Egypt).—Ward, 1916, 697.—Wellman, 1914, 798-799.

quadriradiatus (Stev., 1904) Shipley, 1909p, 340 (in pigeons); 1911, 213 (in pigeons).

retortæformis (Zed., 1800) Looss, 1905o, 413-418, 422, pl. 1 figs. 1-3 (in *Lepus cuniculus ferus*, L. *timidus*; Germany).—Blgr., 1914, P, v. 7 (3), 247.—Fiebiger, 1912a, 275.—Geddelst, 1911a, 118, fig. 159 (in goat, ox, rabbit, sheep, etc.).—Hall, 1916a, 124, 125-126, 128, 129, fig. 151 (in *Lepus europæus*, *Oryctolagus cuniculus*; Europe).—Jimbo, 1914, CfB, 54 (in L. c. f., L. t.).—Nev.-Lem., 1912a, 715.—Nicoll, 1911, 676 (in L. e.).—Rail. & Henry, 1909a, 87; 1913, 454.—Rans., 1907k, 1; 1907, Oct. 4, 6-7; 1911a, 86; 1916, 297; 1917, 83.—Shipley, 1911, 212 (in L. c. [fer.], L. t.).

subtilis (Looss, 1895) Looss, 1905o, 418-419, 422, pl. 1 figs. 4-8, pl. 2 fig. 7 (so. *instabilis*), (in *Antilope dorcas*, *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda, *Papio* (Cynoc.) *hamadryas*; Africa, Japan).—Brumpt, 1910a, 389; 1913a, 459.—Graham-Smith, 1913, 201.—Ihle, 1917, 170.—Rans., 1911 (127), 88 (so. *instabilis*).—Stiles, 1914, MM, v. 2, 294.—Verdun, 1907a, 383 (s. *Str. colubriiformis*) (in cynocephale, dromadaire, H., mouton; Egypt, Japan).

tenuis (Mehl., 1846) Rail. & Henry, 1909a, 87.—Geddelst, 1911a, 119 (in dom. chicken, duck, goose).—Nev.-Lem., 1912a, 718.—Rans., 1916, 297 (of Eberth 1861); 1917, 83.—Shipley, 1911, 212 (in *Anser cinerea*).

tenuissimus (Mazzanti, 1891b) Sl. & Sw., 1912a, 402.

vibrinus Shipley, 1909, 340 (for *vitrinus*) (in *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda; Egypt, Paris).

vitrinus Looss, 1905o, 421-422, pl. 2 figs. 12-14 (in *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda; Egypt); 1911a, 216.—Blgr., 1914, P, v. 7 (3), 246 (in sm. intest. and stom., O., a.; Eng.), fig. 4; 1914, v. 7 (3), 246-247, fig. 4; 1915, P, 135.—Braun, 1908a, 327-328 (in C. d., H., O. a., O. l.; Egypt); 1915a, 346.—Brumpt, 1910a, 371; 1913a, 461.—Cast. & Chalm., 1910a, 432, 926.—F., S., & T., 1916a, 435, 436, figs. 313-314.—Fiebiger, 1912a, 272.—Geddelst, 1911a, 119 (in dromadaire, H., sheep).—Ihle, 1917, 165, 170, 171.—Jimbo, 1914, 54 (in C. d.,

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H., O. a., O. l.).—Neum. & Mayer, 1914a, 444.—Nev.-Lem., 1908a, 460; 1912a, 716.—Rail. & Henry, 1909a, 87; 1912, 566.—Rans., 1907k, 1; 1911a, 14, 87, 92–94, 96, 122, 123, 124, figs. 102–105 (in C. d., *Capra hircus*, H., O. a.; Europe, Africa, U. S. A.); 1916, 295, 296; 1917, 81.—Sl. & Sw., 1912a, 327, 402, 520.—Stiles, 1914, MM, v. 2, 294.—Verdun, 1907a, 383 (in d., H., s.).—Ward, 1916, 697.—Wellman, 1914, 799.

TRICHOTRACHELIDÆ [? author ?], Bos, 1894a, 215–216.—R. Bl., 1895, 746.—Braun, 1883a, 160, 173; 1895b, 213, 228; 1906a, 309.—Campb. & Lacr., 1907, 78.—Daniels, 1910a, 121; 1914a, 74, 133.—F., S., & T., 1916a, 361, 363.—Fiebiger, 1912a, 243.—Kholodk., 1899a, 181.—Lepri, 1898a, 55.—Mordw., 1908, v. 13 (1–2), 190.—Nev.-Lem., 1904a, 97; 1908a, 417; 1912a, 650.—Par., 1887b, 357 (85).—Rawitz, 1898a, 1414–1415.—Roger, 1901a, 95.—Schneidem., 1896a, 305, 309 (f. contains: *Trichina*, *Trichoc.*, *Trichosoma*).—Shipley, 1896a (1901b), 144.—Sl. & Sw., 1912a, 311, 337.—Stoss., 1898c, 90.—Verdun, 1907a, 321 (f. contains: *Trichoc.*, *Trichinella*).—Wagner, 1883, 125.—Ward, 1916, 693.

TRICHOTRACHELIDEA Dies., 1861a, 461 (f. contains *Trichoc.*, *Sclerotrichum*, *Oncophora*).—Carus, 1863, v. 2, 463 (f. contains *Trichina*, *Trichosomum*, *Trichoc.*).—Goldb., 1855a, 112.—Küech., 1855a, 235.—Weinl., 1858a, 89 (f. contains *Trichoc.*, *Trichina*); 1959c, 283.

Trichotracheliden (for *Trichotrachelidæ*).—Büetsch., 1873a, 100.—Martini, 1910, v. 65 (3), 349–352, figs. 1–5; 1910, v. 21 (14), 640.—German for *Trichotrachelidæ*.

TRICHOTRACHELIDES Leuck., 1868a, 460–463 (f.).—R. Bl., 1887h, 205.—Simon, 1897a, 209, 227; 1907, 311; 1911, 237.

TRICHOZEMA Cobbold, 1875, v. 4 (1), 44 (misprint for *Trichonema*).

arcuata (Cobbold, 1874) Cobbold, 1875, 44 (in pony).

Trichocephaliasis (see *Trichocephaliasis*).—Kahane, 1907, v. 37, 235–241 (in *Homo*), 1907, v. 25 (15), 430; 1907, v. 33 (18), 733; 1907, v. 54 (20), 100; 1907, v. 2 (14), 556; 1907 (33), 617; 1907, v. 2, 45.

TRICHOZEPHALUS Kahane, 1907, FM, v. 25 (15), 430 (for *Trichoc.*).

dispar (Rud., 1802) Kahane, 1907, 430.

TRICHURATA Skrj., 1916, 463, 551 (n. subo.; contains *Trichuridæ*).

TRICHURIA Gage & Bass, 1910, Sept. 15, 306 (for *Trichuris*).

Trichuriasis Cast. & Chalm., 1910, 929–931 (name proposed for infection with *Trichuris*).

TRICHURIDÆ Rail., 1915, IVC, 736, 744, 748 (contains *Cap.*); 1915, RM, 494, 505 (contains *Trichurinæ*, *Capillariinæ*, *Trichinellinæ*); 1916, RMv, 517.

TRICHURIDES Røederer & Wagler, 1762a, 41 (see *Trichuris*); 1806, xlii+1–349, pls. 1–3.—Boele, 1828a, 37.

TRICHURINÆ Rans., 1911a, 15, 20, 23, 110, 111, 117 (subf. of *Trichinellidæ*, contains: *Trichuris*, *Cap.*).—F., S., & T., 1916a, 419.—Hall, 1916a, 9, 19, 20, 30, 33; 1916b, 517.—Rail., 1915, RMv, 494.

TRICHURIS Røederer, 1761a, Oct. 10, 243–246 (mt. *trichiura*); 1762, 41–42, 185–189, 193, pl. 3 figs. 4a–b; [not *Trichurus* Wagner, 1843, for *Trichosurus* Lesson, 1828, mammal; *Trichiurus* Linn., 1758a, fish; *Trichiura* Steph., 1829, lepidopt.].—Andral, 1831a, 214.—Baird, 1853a, 3.—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Bloch, 1782a, 32, pl. 9 figs. 7–12.—Boele, 1828a, 37.—Brug., 1791a, 99, pl. 33.—Braun, 1915a, 330.—Brumpt, 1910a, 400 (so. *Trichoc.*) (*Trichiuris*); 1913a, 465.—Cast. & Chalm., 1910a, 428; 1913a, 563.—Cobbold, 1879b, 179.—Deslgch., 1824iii, 752.—Donnadieu, 1877g, 10.—Dubini, 1844, v. 3 (12), 89–91, (19) 165–167, (28) 241–242.—Duchateau, 1816b, 253, 254.—Dungl., 1893 (1895a), 1108.—Fagge & Pye-Smith, 1902a, 465.—F., S., & T., 1916a, 419.—Galeb, 1783b, 285, 286.—Garin, 1913, 9, 99–118.—Gedœlst, 1911a, 112.—Guiart, 1905, 12.—Hall, 1916a, 19, 20–21, 23, 24, 26, 27, 28 (type *trichiura*); 1916b, 517.—Heine, 1900, 779.—Herbst, 1787a, 21, 42 (*Trichiuris*).—Holstein, 1785a, 1–6, pl. 1 figs. 1–5.—Hooper, 1799a, 5–7.—Huber, 1896a, 590 (so. *Trichoc. hominis*).—Küech., 1855a, 235, 238 (so. *Tricoc.*).—Lam., 1801a, 338 (so. *Tricoc.*).—Looss, 1902n, 756.—Müell., 1778a, 182.—Neum. & Mayer, 1914a, 410.—Pratt, 1916a, 220.—Rans., 1904d, 43, 44, 46, 47, 50, 52, 53, 54, 55, 57, 58, 60, 63 (in *Homo*; Italy, Japan, Brazil, Washington, D. C.); 1911a, 15, 16, 17, 20, 21, 111–112, 114, 115, 116 (s. *Trichoc.*, *Trichocephalus*, *Masti-*

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- godes, Tricoc.).—Rauh, 1779a, 11.—Roe, 1828, 5.—Rud., 1809a, 89.—Schneid., 1866a, 11.—Scudd, 1884a, 325.—Simon, 1897a, 227.—Slawikowski, 1819, 56.—Stiles, 1907, 582; 1914, MM, v. 2, 271, 295; 1915, 1992 (statistics).—Stiles & Garrison, 1906, 5, 11, 12, 22, 24, 27, 36, 39, 41, 49, 51, 61, 64, 65, 68, 71, 72.—Stiles & Hass., 1905b, 145.—Stitt, 1916a, 321.—Trav., 1915, v. 7 (2), 147.—Urechia, Tupa, & Mateescu, 1913, 65.—Vogel, 1772a, 648–652.—Walker, 1914, 173.—Ward, 1907, 207; 1916, 693.—Wrisberg, 1767; 1765a, 6–14; 1783, 9–32.
- affinis* (Rud., 1802) Stiles, 1902hh, 202 (of sheep and cattle); 1903, 8, 82.—Gedöelst, 1911a, 113 (in cattle, goat, sheep, perhaps also hog).
- alcocki* (Linst., 1906) Rans., 1911a, 15, 52, 112, 115, 123, fig. 143 (in *Cervus eldi*; India).—F., S., & T., 1916a, 421.
- [*auctorum*]=of authors] Slawikowski, 1819b, 56.
- camelii* (Rud., 1819) Rans., 1911a, 15, 111, 116–117, 123 (s. *Trichoc. echinophyllus*) (in *Camelus dromedarius*, *C. bactrianus*; Europe).—F., S., & T., 1916a, 421.
- campanula* (Linst., 1889c) Gedöelst, 1911a, 113 (in *Felis dom.*).—F., S., & T., 1916a, 421.
- caudiseta* (refers to Pall., 1775a, 449).—Müell., 1778a, 182 [apparently not as specific name; cf. *trichuris*].
- contorta* (Rud., 1819) Hall, 1916a, 20, 21 (in *Georychus capensis*; Cape of Good Hope).
- crenata* (Rud., 1809) Gedöelst, 1911a, 113 (in hog).—Brau & Bruyant, 1913, BSPE, 43 (in porc; Saigon) (*crenatus*).—F., S., & T., 1916a, 420, 421.
- depressiuscula* (Rud., 1809) Stiles & Pfender, 1902a, 733–740; 1903a, 105 (*depressiuscula*); 1903b, 517–518.—F., S., & T., 1916a, 420, 421.—Gedöelst, 1911a, 113 (in dog).—Stiles, 1903, 116.
- discolor* (Linst., 1906) Rans., 1911a, 15, 111, 114, 121, figs. 141–142 (in *Bos indicus*; Ceylon).—F., S., & T., 1916a, 421.—Gedöelst, 1911a, 113 (in zebu).
- echinophylla* Gedöelst, 1911a, 113 (in *dromadaire*) (see *Trichoc. echinophallus*, 1849).
- equi* (Schränk, 1788) Brug., 1791a, 99, pl. 33 fig. 5 (in intest., Equus).
- fossor* Hall, 1916a, 21–23, 24, fig. 20 (in *Thomomys fossor*; Colo.).
- giraffæ* (Dies., 1851) Rans., 1911a, 15, 111, 117, 123 (in *Giraffa camelopardalis*; Egypt).—F., S., & T., 1916a, 421.
- globulosa* (Linst., 1901) Rans., 1911a, 15, 112, 115–116, 123, figs. 144–146 (in *Camelus dromedarius*; ?Germany).—F., S., & T., 1916a, 421.
- gordius* Slawikowski, 1819b, 55–56 (quotes Bloch, 1782a).
- gracilis* (Rud., 1819) Hall, 1916a, 20, 23 (in *Dasyprocta aguti*; Brazil).
- hominis* (Schränk, 1788) Brug., 1791a, 99, pl. 33 figs. 1–4 (in intest. *Hominis*, potissimum morbo laborantis).
- infundibulus* (Linst., 1906) Hall, 1916a, 20, 23–24, 30, fig. 21 (in *Hystrix cristata*).
- intestinalis* (Wrisberg, [n. v.]) Hooper, 1799a (b), 252 (31) (so. vulg.) (in *Homo*).
- lacertæ* (Schränk, 1788) Brug., 1791a, 100, pl. 33 figs. 11, 12 (in *Lacertæ apodis* intest.).
- leporis* (Rud., 1809) Hall, 1916a, 20, 24–26, 30, figs. 22–26 (in *Citellus citellus*, *Lepus europæus*, *L. timidus*, *Oryctolagus cuniculus*, *Sylvilagus floridanus*, *S. f. mallurus*; Europe, U. S. A.).
- muris* (Schränk, 1788) Brug., 1791a, 99–100, pl. 33 figs. 6–10 (in intest., Mus.).—Hall, 1916a, 20, 26–27, figs. 27–28 (in *Arvicola amphibius*, *Apodemus sylvaticus*, *Arvicanthis abyssinicus*, *Epimys rattus*, *E. ugandæ*, *Georychus capensis*, *Holochilus brasiliensis*, *H. physodes*, *Isothrix bistriata*, *Microtus arvalis*, *Mus musculus*, *Thricomys apereoides*; Europe, Africa).
- nodosus* (Rud., 1809) F., S., & T., 1916a, 421 (in mouse).
- opaca* Barker & Noyes, in Barker, 1915, JP, v. 1 (4), 195–196, fig. b. (in *Fiber zibethicus*; Nebr.).—Hall, 1916a, 21, 27–28, figs. 29–31 (in *Ondatra zibethica*; U. S. A.).
- ovis* (Abildg., 1795) Smith, A. J., 1908a, 269 (in *Antelope furcifer*; Phila. Zool. Gard.).—Blgr., 1914, v. 7 (3), 248 (s. *Trichoc. affinis*) (in large intest., *Ovis aries*; Eng.).—Boynton & Wharton, 1916, 352 (in cow; P. I.).—F., S., & T., 1916a, 420, 421.—Hall, 1916a, 20, 28–30, figs. 32–34 (in *Hystrix cristata*).—

TRICHURIS—Continued.

ovis—continued.

Mote, 1914, 28.—Rail., 1915, RMv, 494; 1915, IVC, 736 (in chamois, goat, ox, sheep).—Rans., 1911a, 15, 112-114, 121, 122, 123, figs. 138-140 (s. *Trichoc. affinis*) (in *Alce alces*, *A. americanus*, *Auchenia glama*, *Antilocapra americana*, *Blastocerus paludosus*, *Bos taurus*, *Camelus bactrianus*, *C. dromedarius*, *Capra hircus*, *Capreolus capreolus*, *Cervus axis*, *C. elaphus*, *Dama dama*, *Gazella dorcas*, *Giraffa camelopardalis*, *Mazama rufa*, *Odocoileus hemionus*, *Ovis ammon*, *O. aries*, *O. mexicana*, *Rangifer terrænovæ*, *Rupicapra rupicapra*: Asia, Africa, Australia, Europe, New Zealand, S. A., U. S. A.).

serrata (Linst., 1879) Gedœlst, 1911a, 113 (in *Felis dom.*).

species Holstein Beck, 1785a, 1-6, pl. 1 figs. 1-5 (in Hasen; Kœnigsb.).

suis (Schränk, 1788) Smith, A. J., 1908a, 268 (in *Sus scrofa*; Iowa).—Rail., 1915, RMv, 494; 1915, IVC, 736.

trichiura (Linn., 1771) Stiles, 1901, p. 527 (s. *Trichoc. dispar*); 1902, 201, 202, 211, 213; 1903, 8, 37, 41, 82, 85; 1914, MM, v. 2, 295.—Amesse, 1913, 531 (in man).—Askanazy, 1896, v. 57, 104-117, pl. 2 figs. 1-9.—Barlow, 1915, 272 (in man; Spanish Honduras).—Cast. & Chalm., 1910a, 346, 428, 449, 812, 926, 929; 1913a, 456, 563, 1119, 1293, 1301, 1719.—Dead. & Thomps., 1916a, 521-522, figs. 115, 116.—F., S., & T., 1916a, 419, 420, 679, fig. 301.—Fanyo, 1904, v. 5, 683-685, 765-767.—Gedœlst, 1911a, 113 (in man).—[Hass., 1904a, 683-684].—Hemmeter, 1902, 582.—Jamison, 1913, 70, 141, 210 (in Homo; Costa Rica).—King, 1911, 184.—Lûeche, 1905a (b), 317 (s. *Echin. trichuris*).—Lydston, 1904a, 684-685.—Martin & McKittrick, 1917, 383, 389 (13, 19), fig. 24, 33.—Musgrave, 1906a, 561.—Neum. & Mayer, 1914a, 78, 410.—Nicoll, 1914, 4 (Queensland).—Pratt, 1916a, 220, fig. 352.—Rans., 1904d, 42, 45, 60, 63 (in H.; Eng., Italy, Wash., D. C.); 1911 (127), 111.—Smith, A. J., 1908a, 268 (in H.).—Ward, 1903, 407; 1916, 693-694, fig. 4098.

trichiuris (Simon, 1907) Graham-Smith, 1913, 198.

trichiurus (Linn., 1771) Moniez, 1896a, 360 (so. *Trichoc. dispar*) (in Homo).—Cast. & Chalm., 1910a, 743; 1913, 978 (*trichiura*), 1719.—Galli-Val., 1914, CfB, 51.—Garin, 1913, 9, 100, 104, figs. 34-36.—Graham-Smith, 1913, 198.—Guiart, 1910a, 389.

trichuris (Blumenb., 1779) Cast. & Chalm., 1913a, 1719.

unguiculata (Rud., 1809) Gedœlst, 1911a, 113 (in dom. rabbit).—F., S., & T., 1916a, 421.

vulgaris Hooper, 1799a (b), 231, 252-256 (10, 31-35), 1, pl. (s. *Trichuris*, *Tr. intestinalis*, *Asc. trichuria*) (in H.).—Bradley, 1813a, 72-74, pl. 3 figs. 1-3 (in Homo) (*Tricurus*).

vulpis (Frœl., 1789) Smith, A. J., 1908a, 269 (in *Canis dom.*; Phila. Zool. Gard.).—Rail., 1915, RM, 494; 1915, IVC, 736 (in dog).

TRICHURUS Fagge & Pye-Smith, 1902a, 4 ed., 465 (for *Trichuris*).

trichiura (Linn., 1771) Cast. & Chalm., 1913a, 979.

Tricocefaliasi (Italian name for infection with *Trichoc.*).—Guidi, 1910, v. 8, 161.

Tricocefaloanemia (Italian name for anemia caused by *Trichoc.*).—Guidi, 1910, v. 8, 161.

Tricocefaloza Urechia, 1913, v. 33 (3), 65-69 (cases).

TRICOEPHALUS Lam., 1801a, 338 (for *Trichoc.*).—Calmette, 1893, 218.—Chiaje, 1825a, 4.—Forschheimer, 1913, 255.—Oui, 1906a; 1906b, 265 (appendicitis).—Rans., 1911a, 111 (for *Trichoc.*)—Stiles & Hass., 1905b, 145.

affinis (Rud., 1802a) Francis, 1894a, 451.

depressiusculus (Rud., 1809) Mégn., 1891, v. 11 (62), 511.—Daniels, 1897, 71.

dispar (Rud., 1802a) Daniels, 1897, 69.—Forschheimer, 1913, 255; 1914, 255.

hominis (Schränk, 1788) Lam., 1801a, 338.

nodosus (Rud., 1809) Blainv., 1824a, 518 to "Capillaire."

trichiuris (Tidswell & Johnst., 1912) Maxwell, 1916, 238 (China).

TRICOMA Cobb, 1894c, 389-391 (mt. *cincta*) [not *Tricomia* Walk., 1865, lepidopt.]; 1895a, 26; 1912, v. 2, 480-484, figs. 1-2.—Stiles & Hass., 1905b, 145.

cincta Cobb, 1894c, 390-391, figs. 2-3 (Bay of Naples).

TRICOSOMA Jasperi, 1913, Pathologica, 639 (for *Trichosoma*).

- TRICONTUS** Duj., 1845a, 3, 653 (changed to *Enoplus*).—Stiles & Hass., 1905b, 145 (type ?*E. tridentatus*).
- TRICOSTRONGYLIDÆ** Trav., 1914, Bm, 325, 326 (4, 5).
- TRICOSTRONGYLINÆ** Trav., 1914, Bm, v. 28 (17), 163 (1-4) (for *Trichostrongylinæ*); 1914, Bm, 325-327 (3-4).
- TRICOSTRONGYLUS** Trav., 1914, Bm, 325 (3, 4) (for *Trichostr.*).
- TRICURIS** Bradley, 1813a, 72 (for *Trichuris*).
- TRIDONTOPHORUS** Rail. & Henry, 1906c, 608 (misprint for *Triodontophorus*).—Wellman, 1914, 800.
- deminutus* (Rail. & Henry, 1905) Rail. & Henry, 1906c, 608.—Wellman, 1914, 800.
- TRILOBUS** Bast., 1865c, 93, 99-100 (sd. *gracilis*) [not *Trilobus* Bruenn., 1781, crust.; not *Triloba* Vest, 1867, Mollusk].—Buëtsch., 1873a, 53.—Hofmæn., 1913, 616.—Jægers., 1909, SFD, 5, 15-16.—Oerley, 1880a (b), 67, 129-130 (55, 117-118).—Stiles & Hass., 1905b, 145.
- biröi* Daday, 1899, v. 17, 566.
- diversipapillatus* Daday, 1905, v. 18 (44), 53-56, pl. 2 figs. 18-23, pl. 3 fig. 1 (Paraguay); 1905, Mte, v. 23, 325; 1913, 665.
- gracilis* Bast., 1865c, 99, pl. 9 figs. 20-22 (in brackish water; Falmouth).—Brakenhoff, 1914, v. 22, 282-284 (*gracilus*).—Braun, 1915a, 54.—Buëtsch., 1873a, 53-58, figs. 21a-e, 23a-b (Germany).—Crookshank, 1886, 924.—Daday, 1905, v. 23, 344; 1913, 665-666.—Ditlevsen, 1912, 233-234, pl. 3 figs. 16, 20.—Hofmæn., 1913, 617.—Hofmæn. & Menz., 1915, 151-152.—Jægers., 1909, SFD, 16-17, fig. 19.—Laveran & Mesnil, 1912, 104.—Linst., 1876a, 11, 12 figs. 26, 27 (Ratzeburger See).—Man, 1907, v. 7, 16.—Menz., 1914, 82.—Micol., 1913, 11; 1914, ZJ, 433-438, pl. 10 figs. 5a-c, pl. 11 figs. 5d-e; 1915, ZJ, 256-257.—Oerley, 1880a (b), 130 (118), pl. 7 figs. 29a-b, 32a-b.—Plotnikov, 1901, 246.—Schneid., 1913, 30.—Stefanski, 1916, ZA, 364, 368.—Steiner, 1916, ZA, 339, 340, 344.
- graciloides* Daday, 1908, v. 26, 12-14, figs. 15a-d; 1910, Z, v. 23, 46-47, pl. 2 figs. 13-16 (Rikwa-See).
- grandipapillatus* Brakenhoff, 1914, AnV, Bremen, v. 22, 286-288, pl. 1 figs. 5-9 (near Sandhatten).
- helveticus* Hofmæn. in Hofmæn. & Menz., 1914, ZA, 86-87, fig. 10 (in lake Léman, etc.; Switz.); 1915, RsZ, 154-155, pl. 4 figs. 4a-b.
- leptosoma* Man, 1880a, 30 (so. *pellucidus* Buëtsch.?) (in moist soil; Holland).
- lomnickii* Grochmalicki, 1911, v. 36, 372-376 (Siwa-Woda, bei Szklo).
- longicauda* Linst., 1876a, 12, figs. 29, 30 (in sand; Ratzeburgersee).—Hofmæn., 1913, 618.—Jægers., 1909, SFD, 18-19, fig. 22.—Oerley, 1880, 130, 131.
- longus* (Leidy, 1851) Bast., 1865c, 100 (in mud; Phila.).—Cobb, 1914, TAMS, v. 33, 114-117 (38, 39, 80-83, 94), pl. 6 fig. 15 (Potomac River, D. C.).—Linst., 1876a, 12.—Oerley, 1880a (b), 130 (118).
- octiespapillata* Linst., 1876a, 11-12 fig. 28 (in sand; Ratzeburgersee).—Jægers., 1909, SFD, 16, 17, fig. 20.—Oerley, 1880a (b), 130, 131 (118, 119).
- pellucidus* Bast., 1865c, 100, pl. 9 figs. 23-24 (in mud; Falmouth).—Brakenhoff, 1914, v. 22, 284-286, pl. 1 fig. 4.—Buëtsch., 1873a, 53.—Daday, 1910, v. 23, 46.—Ditlevsen, 1912, 234.—Hofmæn. & Menz., 1915, 153-154.—Jægers., 1909, SFD, 16, 17-18, 19, fig. 21.—Linst., 1876a, 12.—Man, 1907, v. 7, 16.—Menz., 1914, AN, 82.—Micol., 1914, ZJ, 438-440.—Oerley, 1880a (b), 130 (118).—Plotnikov, 1901, 246.
- species* Schneid., 1913, KBNV Riga, 30 (in *Coregonus albula*).
- tenuicaudatus* Daday, 1894, Mte, v. 12, 135-136.
- TRINCHOCEPHALUS** da Matta, A. A., 1914, AbM, v. 4 (5), 388 (misprint for *Trichoc.*).
- trichiurus* (Linn., 1771) da Matta, 1914, 388 (in man; Amazonas, Brazil).
- TRIODONTOLAIMUS** Man, 1893a, 115 (mt. *acutus*).
- acutus* (Villot, 1875) Man, 1893a, 115-118, pl. 7 fig. 12.
- TRIODONTOLAIMUS** n. g. Micol., 1913, SAW Wien, 117-118 [not Man, 1893] (type by present designation *alpinus*).
- alpinus* Micol., 1913, 118 (in fresh water; Ostalpen).
- lacustris* Micol., 1913, 119 (in fresh water; Ostalpen).

- TRIODONTOPHORUS** Looss, 1902, May 13 (1901a), 37, 39, 40, 78-86 (Triodontus Looss, 1900, not Westwood, 1845, renamed) (tsd. serratus), 92, 96, 99, 101, 103, 104, 106, 118, 119; 1911, v. 4, 324.—Blgr., 1916, P, 422-423.—Brumpt, 1910a, 333; 1913a, 457.—Cast. & Chalm., 1910a, 439; 1913a, 549.—Daniels, 1910a, 149; 1914a, 163.—F., S., & T., 1916a, 439.—Gedœlst, 1911a, 127.—Linst., 1904f, 9 (of Strongylidæ).—Nev.-Lem., 1906a, 274; 1908a, 416; 1912a, 649.—Rail., 1905, 270.—Rail. & Henry, 1902a, 110 (Triodontoporus); 1909b, 170 (type serratus); 1912, 565.—Sl. & Sw., 1912a, 330.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 145 (tsd. serratus).—Sweet, 1909, v. 22, 503-527, 1 pl.
- brevicauda* Blgr., 1916, P, 430-432, 433, figs. 1c, 2c, 3c, 4c, 5c, 6c (in *Equus cab.*; Eng.).
- deminutus* Rail. & Henry, 1905b (c), 269-272 (1-4) (in *Homo*; Mayotte); 1905e, 569-571; 1905f, 1-3; 1905g, 295-296; 1905h, 338; 1906c, 608; 1909b, 169 (to *Ternidens*); 1912, v. 14, 577 (to *Tern.*).—Braun, 1908a, 329 (in negro; Mayotte); 1915a, 351.—Brumpt, 1910a, 397; 1913a, 457.—Cast. & Chalm., 1910a, 439, 449, 926; 1913a, 1293.—Daniels, 1910a, 71.—Garin, 1913, 8.—Leiper, 1908, v. 11 (12), 181-184, figs. 1-4 (in H.; Nyassaland); 1908, 1-8, figs. 1-5; 1909, v. 44 (5), 147-148; 1913, 276-297, fig. 21; 1915, 570-571, figs. 1-4 (in H.; Ny.). Portuguese F. Africa).—Looss, 1914, v. 2, 512, 513, fig. 63.—Neum. & Mayer, 1914a, 74, 443.—Nev.-Lem., 1906a, 274; 1908a, 454.—Sambon, 1908f, 31 (*diminutus*).—Sl. & Sw., 1912a, 330 (*deminutus*).—Stitt, 1910a, 232, 242; 1916a, 324.—Turner, 1910, 58 (in H.; Ny., S. Af.).—Verdun, 1907a, 383-384 (in H.; M., Af.).
- diminutus* Sambon, 1908f, 31 (for *deminutus*) (in *Homo*).—Neum. & Mayer, 1914a, 74, 443.
- intermedius* Sweet, 1909b, 509-511, pl. 29 figs. 1-3 (in horse; Horsham, Victoria).—Blgr., 1916, P, 423-426, 427, 428, 432, 433, fig. 1A, fig. 2A, 3A, 4A, 5A, 6A (in h.).—Rail., 1915, 493; 1915, 735 (in donkey).
- minor* (Looss, 1900) Looss, 1901a (1902), 38, 39, 82-83, pl. 3 figs. 23-30, 84, 85, 136; 1911a, 325, pl. 15 fig. 165.—Blgr., 1916, 423, 424, 426, 431, 432, 433.—Gedœlst, 1911a, 127 (in donkey).—Leiper, 1913, 276.—Neum. & Mayer, 1914a, 74, 443.—Nev.-Lem., 1912a, 744.—Rail., 1905, 270; 1915, 493; 1915, 735 (in d.).—Rail. & Henry, 1909b, 170.—Wolfh., 1911, 72-73 (in *Equus cab.*; Argentine).
- serratus* (Looss, 1900) Looss, 1901a (1902), 38, 39, 82, 84, 85, 136, pl. 3 figs. 31-38; 1911, v. 4, 324, pl. 15 fig. 164.—Blgr., 1916, 423, 424, 426, 432, 433.—Gedœlst, 1911a, 128, fig. 172 (in donkey).—Leiper, 1913, 276.—Linst., 1904f, 9 (in *Equus cab.*; Iranativu).—Nev.-Lem., 1912a, 745.—Rail., 1905, 270; 1915, 493; 1915, 735 (in d., horse).—Rail. & Henry, 1909b, 170.
- tenuicollis* Blgr., 1916, P, 426-430, 431, 432, 433, 434, fig. 1B, figs. 2B, 3B, 4B, 5B, 6B (in horse).
- TRIODONTOPORUS** Rail. & Henry, 1902a, 110 (for Triodontoporus, tsd. serratus).—Gedœlst, 1903a, 56, 93.—Stiles & Hass., 1905b, 145.
- minor* (Looss, 1900) Gedœlst, 1903a, 56, 93 (in *Equus asinus*).
- serratus* (Looss, 1900) Gedœlst, 1903a, 56, 93 (*Equus asinus*).
- TRIODONTUS** Looss, 1900c, 153, 190-191 (tsd. serratus) [not Triodontus Westwood, 1845, coleopt.; Triodon, Cuv., 1829, fish; Ameghino, 1875, mammal].—Cast. & Chalm., 1910a, 439.—Hut. & Mar., 1906a, 406; 1910b, 509.—Rail. & Henry, 1902a, 110 (so Triodontoporus).—Stiles & Hass., 1905b, 145-146 (tsd. serratus).
- minor* Looss, 1900c, 190-191 (in colon, *Equus*; Egypt).—Hut. & Mar., 1906a, 406; 1910b, 509; 1913b, 510.
- [*robustus* (Giles, 1892) Looss, 1900c, 190 (to Triodontus, does not make the combination).]
- serratus* Looss, 1900c, 191 (in colon of *Equus*; Egypt); 1901, 317.—Hut. & Mar., 1906a, 406; 1910b, 509; 1913b, 510.
- TRIPULA** Bast., 1865c, 93, 178 (tsd. glomerans) (renamed Tripyla).—Stiles & Hass., 1905b, 146.
- TRIPYLA** Bast., 1865c, 93, 115-116 (tsd. glomerans) [not Tripylus Phil., 1845, echinoderm].—Büetsch., 1873a, 48.—Cobb, 1893b, 280-286 (31-37).—Hofmæn., 1913, 606.—Jægers., 1909, SFD, 5, 7.—Man, 1876a (b), 167 (90).—Meuz., 1914, AN, 46.—Oerley, 1880a (b), 67, 131-132 (55, 119-120).—Stiles & Hass., 1905b, 146.

TRIPYLA—Continued.

- affinis* Man, 1880a, 12-13 (in moist soil; Holland).—Cobb, 1893b, 281, 282, 283 (32, 33, 34).—Ditlevsen, 1912, 221.—Menz., 1914, AN, 46.
- arenicola* Man, 1880a, 13-14 (in sand; Holland).—Cobb, 1893b, 281, 283 (32, 34).—Hofmæn. & Menz., 1915, 134-135.
- circulata* Micol., 1913, SAW Wien, 119-120 (in fresh water; Ostalpen); 1914, ZJ, pl. 15 figs. 14a-c (Lunz).
- crassicauda* Daday, 1899, Mte, v. 17, 561-562.
- dentata* Daday, 1894, Mte, v. 12, 130-131; 1897, v. 2 (1), 89-90, figs. 61-62 (aquatic & in sand; Balaton).
- filicaudata* Man, 1880a, 11-12 (in moist soil; Holland).—Brakenhoff, 1914, v. 22, 273.—Cobb, 1893b, 281, 282, 285 (32, 33, 36).—Hofmæn., 1913, 607-608.—Hofmæn. & Menz., 1915, 133-134.—Jægers., 1909, 8, fig. 8.—Southern, 1914, PRIA, v. 31, 6 (Clare Isl.).
- gigantea* Daday, 1897, v. 2 (1), 110, figs. 100-102 (aquatic; Balaton).
- glomerans* Bast., 1865c, 115-116, pl. 9 figs. 16-17 (in mud; Falmouth and East-hampstead, Berks).—Büetsch., 1874b, 269.—Cobb, 1893b, 281, 282, 283 (32, 33, 34).—Oerley, 1880a (b), 132 (120).
- intermedia* Büetsch., 1873a, 52, pl. 6 figs. 34a-c (on grass roots; F. a. M.).—Cobb, 1893b, 281, 285 (32, 36).—Hofmæn. & Menz., 1915, 134.—Menz., 1914, AN, 42, 47, 83.—Oerley, 1880a (b), 132 (120).
- lata* Cobb, 1914, TAMS, v. 33 (2), 73, 82-84 (39, 48-50, 88), pl. 3 fig. 7 (Alpine lakes, Bald Mountain, Colo.).
- marina* Büetsch., 1874b, 269-270, figs. 12a-c (in Kieler Bucht).—Cobb, 1893b, 281, 282, 284 (32, 33, 35) (Strand; K.; perhaps not a Tripyla).—Oerley, 1880a (b), 133 (121).—Schneid., 1906d, 626.—Villot, 1875a, 466 (K.).
- minor* Cobb, 1893b, 281, 283-284 (32, 34-35), pl. 39 figs. 1-3 (in soil about banana plants; Fiji).
- monhystera* Cobb, 1893b, 281, 284 (32, 34) (for monhystera).
- monohystera* Man, 1880a, 13 (at roots of plants in moist marsh soil; Holland).—Cobb, 1893b, 281, 284 (32, 35) (monhystera).
- papillata* Büetsch., 1873a, 52-53, pl. 6 figs. 35a-b (Schlamm des Mains, Confervennmassen eines Aquariums).—Brakenhoff, 1914, v. 22, 273.—Cobb, 1893b, 281-282-283 (32, 33-34) (in mud and moist soil and among confervæ; Holland and Germany).—Ditlevsen, 1912, 221.—Hofmæn., 1913, 607.—Hofmæn. & Menz., 1915, 132.—Jægers., 1909, 8-10, fig. 9.—Man, 1907, v. 7, 9, 12.—Menz., 1914, AN, 35, 46, 82.—Micol., 1914, ZJ, 408-410, pl. 9 figs. 1a-j; 1915, 252.—Oerley, 1880a (b), 132, 133 (120, 121).—Stefanski, 1916, ZA, 364.
- salsa* Bast., 1865c, 116, pl. 9 figs. 18-19 (in brackish water; Falmouth).—Cobb, 1893b, 281, 282 (32, 33) (on roots of *Ruppia maritima*; Eng.).—Oerley, 1880a (b), 132 (120).
- setifera* Büetsch., 1873a, 51-52, pl. 6 figs. 36a-f (an der Wurzeln eines Pilzes; Schwanheimer Wald); 1874b, 269.—Brakenhoff, 1914, v. 22, 272.—Cobb, 1893b, 281, 282, 285 (32, 33, 36) (in marshy earth, Holland, and roots of a fungus, Germany).—Ditlevsen, 1912, 222.—Hofmæn. & Menz., 1915, 132-133.—Jægers., 1909, 8, fig. 7.—Man, 1876a (b), 167-168 (90-91); 1876b, 90-91 (Leyden).—Menz., 1914, AN, 31, 33, 35, 41, 46-47, 82.—Oerley, 1880a (b), 132 (120).—Schneid., 1906e, 683.
- tenuicauda* Cobb, 1893b, 281, 282, 285-286 (32, 33, 36-37) (in mud of a brook; Australia).

TRIPYLOIDES Man, 1886a, 60-66 (tsd. vulgaris).—Stiles & Hass., 1905b, 146 (tsd. v.). [marina (Büetsch., 1874) de Man, 1886a, 60, 66.]

vulgaris Man, 1886a, 61-66, pl. 11 figs. 1-11, 1907, v. 20, 87 (marine; Zealand).—Jægers., 1904b, 417.—Savelev, 1912, 119.

FRISCHISTOMA Cobb, 1913, JWAS, v. 3 (16), 444 (mt. pellucidum).

pellucidum Cobb, 1913, 444 (roots of sugar cane; Jamaica, W. Indies).

TRISPIQULASCARIS Skrj., 1916, 48-49, 123-124 (tod. & mt. Ascaris helicina Mol.). helicina (Mol., 1860e) Skrj., 1916, 49-50, 124, pl. 4 figs. 19-21 (in crocodile).

TRISTICHAETA Panceri, 1878 (for 1876), AASfm, v. 7 (10), 7 (mt. inarimense). inarimense Panceri, 1878, 7-9, figs. 15-21 (marine).

- TROPIDOCERCA* Dies., 1851a, 80, 207 (mt. paradoxa) (see also *Tropisurus*, *Tetrameres*); 1861a, 673.—Foster, 1914, JP, v. 1 (1), 45–47, fig. 1.—Linst., 1899c, 155–164, figs. 1–16; 1909 (15), 48, 68.—Maupas & Seur., 1916, 617.—Mol., 1857a, 151; 1861c, 297.—Olss., 1869b, 487.—Schellhase, 1913, 311–312, figs. 1–3 (in *Gallus*).—Seur., 1914, CrSB, v. 76 (4), 173–176, figs. 1–3; 1914, CrSB, 1016, 1018; 1915, CrSB, v. 78 (10), 279–282, figs. 1–4.—Stiles & Hass., 1905b, 146.
- bispinosa* Mol., 1860e, 342–343 (14–15) (s. *Spiropt. scinci-officinalis*) (in *Scincus officinalis*; M. C. V.).—Dies., 1861a, 675 (in S. o.).—Linst., 1879a, 179 (in S. o.).
- certa* Leidy, 1866e, 313 (in stom., *Diomedea exulans*; by Ruschenberger).
- coccinea* Seur., 1914, CrSB, v. 76 (17), 814–817, figs. 1–4 (in *Phœnicopterus roseus*; Algeria); 1915, CrSB, 282 (in ventricle of *Bubulcus lucidus*; Al.).—Maupas & Seur., 1916, 618.
- contorta* Weidman, 1913, PANS, 141–147, pl. 4 figs. 1–9 (in *Dichocerus bicornis*; Phila. Zool. Gard.).
- fissispina* Dies., 1861a, 674 (in *Anas boschas dom.*, A. b. fera, *Fulica atra*; Lieberkühn, 1855, 314–335, pls. 12–13); 1861c, 279 (s. *Astomum poricola*, *Tetrameres spec.*) (in A. b.; by Schlotthauber).—Fiebiger, 1912a, 242.—Frœhner, 1908, v. 16 (46), 665 (in Enten).—Grosso, 1914, CfB, v. 74 (3–4), 272–274, figs. 1–4.—Hut. & Mar., 1910b, 481.—Linst., 1879a, 177–178 (in wall of proventric., A. b. d., A. b. f., F. a.); 1899c, 160–163, figs. 5–13; 1909a (1), 68, figs. 50a, b (in A. b., F. a., *Mergus merganser*, *Nyroca ferina*).—Maupas & Seur., 1916, 618.—Rail., 1893a, 544 (to *Tropisurus*).—Rust, 1908, v. 6 (2), 30 (in *Daphnia pulex*, Enten).—Seur., 1914, CrSB, 779, 781; 1914, CrSB, 173, 174, 175, figs. 2–3 (in *Podiceps fluviatilis*); 1915, CrSB, 282; 1916, 350.
- globosa* Linst., 1879a, 175 (in wall of proventric., *Fulica atra*; lng.); 1909a, 69 (in F. a.).
- gynæcophila* Dies., 1861a, 674 (for *gynecophila*).—Linst., 1879a, 178 (in wall of proventric., *Ardea nycticorax*); 1909a, 68 (in *Nycticorax n.*).—Maupas & Seur., 1916, CrSB, 615.—Seur., 1915, 279–280 (31–32), figs. 1–2 (in stom., N. n.; Algeria).
- gynecophila* Mol., 1858 (1859e), 298 (in cystibus, *Ardea nycticorax*; Padua); 1861c, 297–299, pl. 10 figs. 13–18 (in A. n.; P.).
- inermis* Linst., 1879a, 176–177, fig. 24 (in wall of proventric., *Astur nisus*, A. palumbarius; by Linst.).—Maupas & Seur., 1916, 618.—Seur., 1913, v. 5, 191–199, figs. 1–11 (in *Corvus corax tingitanus*, *Passer dom.*; Bou-Saâda); 1914, 173, 175, fig. 1 (in *Epervier*); 1915, 281, 282; 1916, 350.
- inflata* (Mehl., 1846) Dies., 1861a, 674–675 (in *Anas glacialis*, A. mollissima, *Charadrius pluvialis*, *Ciconia nigra*, *Mergus albellus*, M. serrator, *Numenius arquatus*; by Mehl., Crep.).—Fiebiger, 1912a, 243.—Linst., 1879a, 177 (so. paradoxa of Linst., 1877, 5–6, pl. 1 figs. 6–7).—Lühe, 1898g, 623.—Rail., 1893a, 545 (of Züern, s. *Tropisurus fissispinus*).—Also reported for *Harelda glacialis*.
- nouveli* Seur., 1914, CrSB, v. 76 (16), 778–781, figs. 1–8 (in *Himantopus himantopus*; Algeria); 1915, CrSB, 282.
- nouveli* Foster, 1914, JP, v. 1 (1), 45 (for *nouveli*).
- paradoxa* (Dies., 1835) Dies., 1851a, 207 (s. *Spiropt. inflata*, *Tetrameres hæmochrous*) (in *Anas anser fera*, A. glacialis, *Ardea grus*, A. virgo, *Cathartes urubu*, *Charadrius pluvialis*, *Ciconia nigra*, *Falco peregrinus*, *Mergus serrator*, *Numenius arquatus*, *Scolopax rusticola*, *Strix torquata*, *Tringa variabilis*; Brazil, M. C. V.).—Jegers., 1909, v. 2 (3), 10 (of Linst., 1877, so. *Eustrongylides elegans*).—Linst., 1877a, 5–6, pl. 1 figs. 7–8; 1879a, 177 (in *Cathartes urubu*, *Strix torquata*; Brazil).—Stiles & Hass., 1894e, 350 (in *Diomedea exulans*).—Also reported for *Anser cinereus*, *Anthropoides virgo*.
- paradoxa* (Cobbold, 1864) Linst., 1889a, 19 (in *Sus scrofa dom.*).—Rail., 1893a, 545 (to Simondsia).
- species* Foster, 1914, v. 1 (1), 45–47, fig. 1 (in provent., *Philohela minor*; Bowie, Md.).
- spiralis* Seur., 1915, CrSB, 280–282 (32–34), figs. 3–4 (in ventric., *Bubulcus lucidus*; Algeria); 1916, CrSB, 297.—Maupas & Seur., 1916, 615.
- tenuis* Linst., 1889a, 56 (in *Mergus merganser*) (quotes Lieberk., 1855a, 314–336, figs. 8–11) [cf. *Acanthophorus tenuis* in *Anas boschas dom.*].

TROPIDOCERCA—Continued.

unisipina Dies., 1861a, 674 (in *Corvus cornix*; Lieberkühn, 1855, 335–336).—Linst., 1879a, 178–179 (in wall of proventric., *C. c.*).—Stiles & Hass., 1894e, 350 (in *C. americanus*).

TROPIDURUS Wiegmann, 1835b, 338 (for *Tropisurus* 1835, type *paradoxus*) [not *Tropidurus* Neuwied, 1824, reptile].—Crep., 1839, 281.—Stiles & Hass., 1905b, 146.

TROPISURUS Dies., 1835a, 83, 93–105 (mt. *paradoxus*); 1851a, 207 (renamed *Tropidocerca*).—Crep., 1839a, 281.—Gedöelst., 1911a, 111.—Neum., 1892d, 345, 374, 377.—Nev.-Lem., 1912a, 653.—Nordm., 1840a, 669.—Rail., 1893a, 544 (s. *Acanthophorus*, *Tetrameres*, *Tropidocerca*).—Stiles & Hass., 1905b, 146 (s. *Tropidurus*, *Tetrameres*, *Tropidocerca*).

fissispinus (Dies., 1861) Neum., 1888a (1892d), 346 (377) (in canard dom.); 1906, 319 (in tame duck).—Gedöelst., 1911a, 111, fig. 149 (in duck).—Hut. & Mar., 1910b, 481; 1913b, 480.—Nev.-Lem., 1912a, 832.—Rail., 1893a, 544 (s. *Acanthophorus tenuis*).—Stöedter, 1901a, 61, 95.

inflatus (Mehl., 1846) Neum., 1892d, 377.

paradoxus Dies., 1835a, 94–105 (in wall of prov. *Cathartes urubu*; Brazil).—Crep., 1839, 281.—Nordm., 1840a, 669 (in *C. u.*).—Seur., 1915, CrSB, 282.

TRYCHOSTRONGYLUS Kitamura, 1916, JAMA, v. 67 (20), 1480 (for *Trichostr.*).

TRYCOCEPHALUS Marzocchi, 1907, GrAM, v. 70, 261 (misprint for *Trichoc.*); 1908, 166.

unguiculatus (Rud., 1809) Marzocchi, 1907, GrAM, v. 70, 261.

TYLELENCHUS Bast., 1865c, 94 (changed to *Tylenchus* in same paper).—Stiles & Hass., 1905b, 147.

TYLENCHINE Marcinowski, 1909 [nv].—Menz., 1914, AN, 61 (contains *Tylenchus*, *Aphelenchus*, *Heterodera*).

TYLENCHOLEMUS.—See Scudd., 1884a, 330 (for *Tylencholaimus*).—Stiles & Hass., 1905b, 147.

TYLENCHOLAIMELLUS Cobb, M. V., 1915, TAMS, 28–29 (mt. *diplodorus*).

diplodorus Cobb, 1915, 28–29 (Maple River, Mich.).

TYLENCHOLAIMUS Man, 1876a (b), 119–120 (42–43) (tsd. *mirabilis*).—Cobb, 1893b, 296 (47).—Menz., 1917, RsZ, 155.—Oerley, 1880a (b), 67, 126 (55, 114).—Stiles & Hass., 1905b, 147.

affinis Brakenhoff, 1914, AnV Bremen, v. 22, 295–299, pl. 2 figs. 13–17 (Bremen).
aquaticus Micol., 1913, SAW Wien, 120–121 (in fresh water; Untersee, Ostalpen); 1914, ZJ, 531–532, pl. 19 figs. 33a–b.—Menz., 1917, RsZ, 155, 158.

ensiculiferus Cobb, 1893b, 296 (47), pl. 42 figs. 1–4 (in soil about roots of banana plants; Fiji).

grandis Steiner, 1914, AHP, 427–428, figs. 15, 16 (to *Xiphinema* Cobb).

limnophilus Daday, 1893, 32, 39–40, pl. 1 figs. 1–5.

minimus Man, 1876a (b), 120–122 (43–45), pl. 6 figs. 16a–b (grass; Leyden).—Oerley, 1880a (b), 127 (115).—Southern, 1908, v. 17 (6), 124–125 (in sweet peas; Donnybrook).

mirabilis (Büetsch., 1873) Man, 1876a, 120.—Oerley, 1880a (b), 127 (115).—Steiner, 1914, AHP, 428, 429.

stecki Steiner, 1914, AHP, 428–429, figs. 17–19 (bei Arosa, Switz.).

zeelandicus Man, 1876a (b), 122–123 (45–46), pl. 6 figs. 17a–b (free; Walcheren Isl.).—Oerley, 1880a (b), 127 (115).

TYLENCHOMORPHUS Fuchs, 1914, in 688–692 [nv]; 1914, RAE, 375; 1915, ZJ, 190, 207 (tod. *mirabilis*).

mirabilis (Leuck., 1884a) Fuchs, 1915, 190.

TYLENCHORHYNCHUS Cobb, 1913, JWAS, v. 3 (16), 438 (mt. *cylindricus*).

cylindricus Cobb, 1913, 438 (in soil; Southern Cal.).

TYLENCHULUS Cobb, 1913, JWAS, v. 3 (10), 287–288 (tod. *semipenetrans*).

semipenetrans Cobb, 1913, 287–288, figs. 1–2 (on citrus roots; Cal.); 1914, JAR, v. 2 (3), 217–230, figs. 1–13 (on citrus roots; Cal., Fla., Spain, Malta, Palestine, Australia); 1917n, 432.—Thomas, 1913, 1–14, figs. 1–8 (in citrus roots).—Trabut, 1915, BSHNA, v. 6 (7), 118–119, figs. a–b (roots of citrus).

- TYLENCHUS Bast., 1865c, 125-128 (94, *Tylenchus*) (tsd. *davainii*).—A., D., & E., 1901b, 8.—Agric. J. Union South Africa, Pretoria, 1911, v. 2 (6), 709 (lucerne).—Aur., 1883, 5, 9, 10.—Bessey, 1905, S, v. 21, 391-392 (grass).—Bos, 1891, 1, 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 25, 26, 27, 28, 30, 36, 37, 38, 40, 41, 42, 44.—Braun, 1895b, 215 (= *Anguillula*).—Büetsch., 1873a, 31.—Cast. & Chalm., 1910a, 403; 1913a, 517.—Cobb, 1888a, 30-31; 1893a, 812-816 (35-39); 1893b, 296-301 (47-52); 1902, AG, v. 13, 1031-1033, fig. 1.—Fuller, 1913, AJ. Pretoria, v. 6 (3), 440-448, figs. 1-3, pl. 33.—Hempelm., 1912a, 101.—Hofmæn., 1913, 645.—Horn, 1909, v. 63, 67-77, 1 pl. (in moss).—Jägers., 1909, SFD, 6, 43-44.—Jaffrin, 1901, v. 45, 787-788 (*chrysanthèmes*).—Johnst., 1909, s, v. 30, 576 (wheat).—Laidlow, 1914, v. 12, in 370-377, figs. 1-3.—Lebo & Taylor, 1914, v. 93, 242, fig. 1.—Linst., 1876, 11.—Looss, 1905, 169; 1911, v. 4, 243, 244, 246, 250, 251.—Low, 1904e, 420-421, figs. 1-4.—Man, 1876a (1876b), 124 (47); 1892a, 121-125, figs. 1-3, pl. 16, figs. 1-14 (Meer-esalge).—Menz., 1914, AN, 61.—Müll., 1884a, 37.—Nev.-Lem., 1913a, 283.—Noel, 1907, v. 29, 34-36.—Oerley, 1880a (b), 67, 102-103 (55, 90-91).—Penel, 1905, 99.—Pennetier, 1886, 284-286; 1887a, 365 (vitality).—Pratt, 1916a, 218.—Rollest., 1870, 137; 1888a, 686.—Shipley, 1896a (1901b), 131, 154, 155, 157, 160, 163.—Southern, 1909, v. 4, 91.—Steiner, 1914, in 259-275, figs. 1-29.—Stiles & Hass., 1905b, 147 (tsd. *davainii*).—Thomas, 1896a, 50-53.—Vaiha, —?, 1-6.—Volkart, 1905, v. 33, 642-644, figs. 1-2 (Weizenälchen).
- acutocaudatus* Zimmermann, 1898, 42-43, fig. 12 (in coffee roots; Java); 1898, 29; 1904, v. 2 (1), 33 (on c. plants; J.).—Faber, 1909, CfB, v. 23 (6-9), 218 (on c. r.; J.).
- agrostidis* Bast., 1865c, 128 (s. *Vibrio graminis*, *Anguillula graminearum* pars, apparently for *agrostis* Steinb., 1799a).—Bos, 1891, 5.—Marcinowski, 1909, 44.—Nev.-Lem., 1913a, 284, 297.—Oerley, 1880a (b), 103 (91).
- allii* Beyerinck, 1883 [nv.].—Bos, 1886, 106, 107; 1888, 38, 39; 1888, v. 3 (2), 162, 165, 166, 167; 1889, v. 3 (3), 282, 284.—Cobb, 1893b, 300 (51) (so. *devastatrix*).
- arenarius* (Neal, 1889) Nev.-Lem., 1913a, 284, 297.
- askenasi* Büetsch., 1873a, 39-41, pl. 2 figs. 8a-g (in *Hypnum cupressiformis*; Feldburg).—Bos, 1888, v. 3 (2), 167, 168.—Chatin, 1884b, 12.—Huber, 1909, 6 (in moss).—Oerley, 1880 a (b), 103 (91).
- biformis* Cobb, 1909, 63; 1915, JAR, v. 4 (6), 561, 563 (so. *similis*).
- bioculatus* Zimmermann, 1904, v. 2, 11-36, pls. 1-5 [nv.] (on tea plants; Java, Ceylon) [not found; on p. 27 he gives *Tetranychus*].—Embleton, 1905, ZR. (for 1904), Verm., 54.
- bryophilus* Steiner, 1914, AHP, 271, 273, figs. 19-20 (Moosrasen; Schweiz); 1916, v. 46, 329; 1916, ZA, 337.
- bulbosus* Micol., 1915, ZJ, 271-272 (cf. species 1914, 529, figs. 35a-b) (Hallstättersee).
- candens* Jablonowski, 1899, 6, 157-162, 184-189, figs. 1-4, Ausz. 15-16, 17 [cf. *scandens*].
- cobbi* Man, 1906, v. 41, 161 (*T. gracilis* Cobb, 1888, 70 renamed).
- coffea* Zimmermann, 1898, 16-30, figs. 3-10 (on coffee); 1898, v. 27, 44; 1898, 29; 1904, v. 2 (1), 33 (on coffee plants; Java).—Faber, 1909, CfB, v. 23 (6-9), 218, figs. 39-40 (coffee roots; Java).
- consobrinus* Man, 1906, v. 41, 160-163, figs. 4-7 (la prairie de terre sabloneuse; près de Flessingue, Holland).
- contorta* Kühn, 1857 [nv.].—Dolley, 1894a, 1021 (s. *Trichina contorta*).
- contortus* n. sp. Fuchs, 1915, ZJ, 117, 128, 131, 135, 165, 167, 175, 176 (in *Ips typographus*).
- contortus cembrae* Fuchs, 1915, ZJ, 180 (in *Ips cembrae*).
- contortus typographi* n. sp. Fuchs, 1914, ZA, 203 (in *Ips typographus*); 1914, RAE, 375 (in I. t.); 1915, ZJ, 117-120, 186, 187, 188, 189, 206 [= *contortus*] (in I. t.).
- davainae* Man, 1880a, 74-75 (for *davainii*).—Ditlevsen, 1912, 243.—Brakenhoff, 1914, v. 22, 299-300.—Linst., 1889a, 136.—Menz., 1914, AN, 62, 88.—Steiner, 1916, ZA, 345.

TYLENCHUS—Continued.

- davainii* Bast., 1865c, 126, pl. 10 figs. 109–111 (in moss; Falmouth).—Aur., 1883, 10.—Büetsch., 1873a, 37, pls. 1–2 figs. 7a–c (on roots of moss and grass; by Büetsch.).—Cobb, 1888a (b), 30 (70).—Man, 1876a (b), 132–133 (55–56), pl. 7 figs. 22a–c (Leyden).—Matouscheck, 1910, v. 10, 272–280, figs. 1–2.—Oerley, 1880a (b), 103, 106 (91, 94).
- dendrophilus* Marcinowski, 1908, 43; 1909, v. 7 (1), 131–135, figs. 60–64 (in water; by Marcinowski).
- devastatrix* (Kühn, 1869 [uv.]) Oerley, 1880a (b), 106 (94) (s. *Anguillula secalis*, A. dipsaci).—AJCGH, 1909, v. 35 (4), 393–396 (in lucerne).—Board Agric. & Fish., Lond., 1911, 1–4, figs. 1–3.—Bos, 1883, 138–144, figs. 74–76; 1886, v. 32, 105–113; 1887, 119, 121, 124, 125, 365; 1887, 207; 1887, 753; 1888, 36, 39, 44, 50, 51; 1888, 585–586 (clover, hyacinth, onions, teasel); 1888, v. 3 (2), 161–256, pls. 1–10; 1889, 257–332; 1890, 333–348, fig. 1; 1890, v. 8 (10), 310–311; 1891, 1–44, figs. 1–2 (in various plants); 1891, 3, 5, 8, 14; 1891, v. 38, 149–155; 1892, 545–588, 2 figs.; 1899, 370–372 (in *Phlox decussata*); 1907, 3, 4, 6; 1908, v. 14 (3–4); 65–77.—Carpenter, 1905, EPRDS, v. 1 (6), 285–288, fig. 2 (in oats; County Down); 1906, 321; 1908, v. 1 (15), 568.—Cobb, 1893b, 299–300 (50–51) (s. *allii*, dipsaci, *haversteinii*, *hyacinthi*) (in clover, buckwheat, hyacinth, oats, onions, potatoes, rye, teasel, etc.).—Dewitz, 1892b, 141, fig. 108.—Debray & Maupas, 1896, 1–55, pl. 1 figs. 1–17 (in Algeria) (from Algérie agricole).—del Guercio, 1915, 236–245, fig. 4.—Hewitt, 1913, 147, 148.—Kirk, 1908 (16), 123–126; 1909, ESR, v. 21 (2), 153–154.—Laidlow & Price, 1910, JDA, v. 8 (3), 163–171, figs. 1–5 (in onions).—van Luijk, 1913, v. 25, 9–17; 1913, ESR, v. 29 (2), 151.—Marcinowski, 1908, 41.—Maupas & Debray, 1896, 1–55, 1 pl. (Alger).—Nev.-Lem., 1913, 284, 291–297, figs. 248–250.—Osterwalder, 1910, v. 24 (4), 250–251.—Ritzema (see Bos), 1887, 753–754 (in hyacinths, onions, rye, teasel); 1908, v. 14, 65–77.—Rostrup, 1896, v. 2, 52, 55; 1898, v. 4, 95; 1900, v. 6, 50; 1901, v. 7, 27.—Shipley, 1896a (1901b), 155, 156, 160.—Southern, 1909, v. 4, 91.—Theobald, 1913, 269, 276, 277, 289, 291.—Thomas, 1896a, 53.—U. S. Dept. Agric., Wash., 1913, Weekly News Letter, v. 1 (9), 3–4.—Wagner, 1914, v. 12, 67–68, 1 fig.
- dihystera* Cobb, 1893a, 814 (37) (roots of sugar cane; N. S. Wales).
- diplogaster* (Linst., 1890e) Fuchs, 1915, ZJ, 117, 130.
- dipsaci* (Kühn, 1857) Bast., 1865c, 128 (in anthodiis depravatis *Dipsaci fullo-* num).—AJCGH, 1909, v. 35 (4), 393–396 (lucerne).—Bessey, 1914, v. 4 (2), 118.—Bos, 1886, 106, 103, 109; 1888, v. 3 (2), 164, 166; 1889, v. 3 (3), 259, 307, 308.—Büetsch., 1873a, 33 pl. 2 fig. 8a, 40–41.—Chatin, 1884b, 11.—Cobb, 1893b, 300 (51) (so. *devastatrix*).—Hempelm., 1912a, 106.—Jacobi, 1903, 1–4 figs. 1–2.—Lounsbury, 1910, v. 36 (2), 155–157, pl. 1.—Marcinowski, 1909, v. 7 (1), 14, 17, 23, 130; 1909, 42.—Natal Agric. J., 1909, v. 13 (6), 751–756.—Oerley, 1880a (b), 103–104 (91–92) (s. *Anguillula devastatrix*).—Spieckermann, 1911, v. 40 (3–4), 475–515.—Schwartz, 1912, 27.
- dispar* Fuchs, 1914, ZA, 199; 1915, ZJ, 131, 135, 167, 177, 206, fig. A (in *Ips typographus*).
- dispar ateri* Fuchs, 1914, ZA, 205.
- dispar cryphali* Fuchs, 1914, ZA, 195, figs. 9–11 (in *Cryphalus piceæ*); 1914, v. 45, 195–207, figs. 1–14.
- dispar cunicularii* Fuchs, 1914, ZA, 205.
- dispar curvidentis* Fuchs, 1914, ZA, v. 45, 195–207, figs. 1–8, 12–13 (in *Ips curvidens*).
- dispar typographi* Fuchs, 1914, ZA, 195, 203 (in *Ips typographus*); 1914, RAE, 375 (in I. t.); 1915, ZJ, 131–139, 187, 188, 206 (=dispar) (in I. t.).
- dubius* Büetsch., 1873a, 39, pl. 2 figs. 9a–e (on roots of *Centaurea cyanus*; Ing.).—Cobb, 1888a, 30.—Daday, 1905, Mte, v. 23, 327.—Ditlevsen, 1912, 243.—Holmæn. & Menz., 1915, 182.—Man, 1876a (b), 126–128 (49–51), pl. 7 figs. 19a–c (Leyden).—Menz., 1914, AN, 61–62, 82, 83.—Micol., 1915, ZJ, 272–273.—Oerley, 1880a (b), 103, 108 (91, 96).
- elegans* Man, 1876a (b), 133–135 (56–58), pl. 7 figs. 23a–c (free; Walcheren).—Menz., 1914, AN, 62 (so. *filiformis*).—Oerley, 1880a (b), 103, 109 (91, 97).—Silva Araujo, 1878b, 52.
- emarginatus* Cobb, 1893b, 814 (37) (in soil; N. S. W.).
- exiguus* Man, 1876a (b), 131–132 (54–55), pl. 7 fig. 21.—Menz., 1914, AN, 62 (so. *filiformis*).—Oerley, 1880a (b), 103, 106–107 (91 exigius, 94–95).—Silva Araujo, 1878b, 52.

TYLENCHUS—Continued.

- falcarix* Oerley, 1880a (b), 103, 105 (91, 93) (in leaves of *Falcaria rivini*).—Frauenf., 1872, 396.
- filiformis* Büetsch., 1873a, 37, pl. 2 fig. 10 (at moss roots; by Büetsch.).—Cobb, 1888a, 28, 30.—Hofman. & Menz., 1915, 183.—Jægers., 1909, SFD, 44–45, fig. 62.—Linst., 1876a, 10, fig. 23 (unter feuchten Moos; Stade).—Man, 1876a (b), 128–131 (51–54), pl. 7 figs. 20a–d; 1907, v. 7, 20.—Menz., 1914, AN, 31, 32, 34, 40, 41, 62, 82, 83.—Micol., 1914, ZJ, 527–529.—Oerley, 1880a (b), 103, 107 (91, 95).
- fucicola* Man, 1892a, 121–125, figs. 1–3, pl. 16 figs. 1–14 (in *Fucus* (*Ascophyllum*) *nodosus*; Seamill, W. Kilbride, Ayrshire).—Marcinowski, 1909, v. 7 (1), 124 (in *F. nodosum*).
- fungorum* Büetsch., 1873a, 41–43, pl. 2 figs. 11a–c (in faulenden Pilzen; by Büetsch.).—Chatin, 1884b, 12.—Man, 1906, v. 41, 163.—Oerley, 1880a (b), 103, 108–109 (91, 96–97), pl. 5 figs. 22a–c.
- gracilis* Man, 1880a, 71–72 (in moist soil; Holland).
- gracilis* Cobb, 1888a (b), 30–31 (70–71), pl. 2 figs. 24–25 (free; Jena).—[See *cobbi*.]
- graminis* (Hardy, 1850) Marcinowski, 1909, v. 7 (1), 126 (on *Festuca dumetorum*, *F. ovina*, *F. rubra*).—Nev.-Lem., 1913a, 284, 297.
- granulosus* Cobb, 1893b, 300–301 (51–52) (in root stock of banana plants; Fiji).
- havensteinii* Kühn, 1881 [nv.].—Bos, 1888, v. 3 (2), 167, 168, 207; 1890, v. 3 (4), 338; 1892, v. 3 (7), 561.—Cobb, 1893b, 300 (51) (*haversteinii*) (so. *devastatrix*).
- haversteinii* Cobb, 1893b, 300 (51) (for *havensteinii*).
- hordei* Schøyen, 1885a, 1–16, figs. 1–14 (forming nodules on roots; Jøtunheim).—Bos, 1891, 5; 1891, 6; 1907, 2, 5.—Nev.-Lem., 1913a, 284, 297.
- hyacinthi* Prilleux, 1881, J. Sc. c. Hort., v. 3, 258 (in *Jacinthe romaine*; midi de la France).—Bos, 1886, 106; 1888, 36; 1888, v. 3 (2), 162, 166, 167, 168; 1899, v. 3 (3), 307, 308.—Chatin, 1884b, 13; 1884c, 375.—Cobb, 1893b, 300 (51) (so. *devastatrix*).—Linst., 1889a, 137.—Th., 1913, 291.
- imperfectus* Büetsch., 1876a, 363–364, pl. 24 figs. 7a–d (in faulenden Pilzen; Ing.).—1876, v. 10, 231–236.—Chatin, 1884b, 12.—Man, 1906, v. 41, 163.—Oerley, 1880a (b), 103, 109 (91, 97).
- intermedius* Man, 1880a, 72–73 (in sand and moist soil; Holland).—Chatin, 1884b, 21.—Hofman., 1913, 645–646.—Hofman. & Menz., 1915, 183–184.
- lamelliferus* Man, 1880a (b), 70–71 (in moist soil; Holland).—Cobb, 1888a, 28 (68).
- lamelliformis* Cobb, 1888a (b), 28, 30 (68, 70) (for *lamelliferus*).
- leontopodii* Oerley, 1880a (b), 103, 105 (91, 93) (for *Anguillula* sp. in leaves of *Leontopodium alpinum*; Frauenfeld, 1872, 396).—Bos, 1891, 5.
- leptosoma* Man, 1880a, 73 (in moist soil; Holland).
- macrogaster* Fuchs, 1914, in 688–692 [nv.]; 1914, RAE, 375; 1915, ZJ, 129, 153, 154, 156–158, pl. 19 figs. 40–44 (in Mulm des *Ips* typographus).
- macrophallus* Man, 1880a, 76 (in moist soil; Holland); 1906, v. 41, 163.
- major* Fuchs, 1914, in 688–692 [nv.]; 1914, RAE, 375; 1915, ZJ, 154–156, pl. 19 figs. 35–39 (in Mulm des *Ips* typographus).
- millefolii* Lœw, 1874a, 17–24, figs. 1–6 (in galls on leaves of *Achillea millefolium*); 1875a, 342–349.—Bos, 1891, 5.—Chatin, 1884b, 13.—Man, 1906, v. 41, 163.—Marcinowski, 1909, v. 7 (1), 116–123, figs. 49–54 (in *A. m.*, *A. tanacetifolia*); 1909, 44, 45.—Oerley, 1880a (b), 103, 104 (91, 92).—Reuter, 1903, v. 30, 25–26 (in *A. m.*).—Trotter, 1903a, 173–174 (in *A. m.*, *A. tanacetifolia*).
- minutus* Cobb, 1893a, 815 (38) (roots of sugar cane; N. S. W.).
- mirabilis* Büetsch., 1873a, 44–45, pl. 19 figs. 14a–b (on moss roots; F. a. M.).—Man, 1876a, 120, 121.
- multicinctus* Cobb, 1893b, 301 (52), pl. 42 figs. 1–7 (about roots of banana plants; Fiji).
- nivalis* Kühn, 1880 [nv.].—Marcinowski, 1909, v. 7 (1), 125–126 (in *Gnaphalium leontopodium*).—Menz., 1914, AN, 80.
- obtusus* Bast., 1865c, 128, pl. 10 figs. 117–118 (at rootlets of oats; Broadmoor, Berks).—Büetsch., 1873a, 39.—Oerley, 1880a (b), 103, 108 (91, 96).
- olax* Cobb, 1906, 164, 165, 178–179 (about roots of diseased cane; Hilo, H. I.).
- pellucidus* (Bast., 1865) Büetsch., 1876, v. 10, 235.

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- penetrans* Cobb, 1917, JAR, v. 11, 27-33, figs. 1-5 (cotton, potatoes, camphor, violets; U. S. A.).
- phalaridis* (Steinbuch, 1799) Oerley, 1880a (b), 103, 104 (91, 92).—Bos, 1891, 5.—Marcinowski, 1909, 44.—Nev.-Lem., 1913a, 284, 297 (of Bast.).
- phlei* Horn, 1888a, 139-155, pls. 1-2 (on *Phleum boehmeri*; Europe).—Man, 1906, v. 41, 163.
- pillulifer* Linst., 1877a, 1-2, fig. 1 (in an aquarium; by Linst.).—Jægers., 1909, SFD, 44, fig. 61.—Oerley, 1880a (b), 103, 107 (91, 95).
- pratensis* Man, 1880a, 71 (in moist or sandy soil; Holland).—Zimmermann, 1898, 31-32.
- pseudorobustus* Steiner, 1914, 270-271, figs. 17-18 (in Erde unter einem Moospolster; Switz.).
- putrefaciens* Kühn, 1879 [nv].—Bos, 1886, 107; 1888, 36, 40; 1889, v. 3 (3), 284.—Braun, 1883a, 186 (s. *Trichina contorta*); 1895b, 215 (to *Anguillulina*); 1903a, 255 (to *Anguillulina*); 1908a, 287; 1915a, 298.—Brumpt, 1910.—Cast. & Chalm., 1910a, 403; 1913a, 517.—Chatin, 1884b, 43 (anguillule de l'oignon), 1-56, pls. 1-2 figs. 1-36; 1884c, 377; 1889a, 34-37 (in onion); 1888e, 1431-1433 (in *Allium cepa* [onion]; Europe).—F., S., & T., 1916a, 379.—Nev.-Lem., 1908a, 504.—Rolleston, 1888a, 684.—Verdun, 1907a, 382 (to *Anguillulina*).
- radicicola* (Greef, 1872) Oerley, 1880a (b), 103, 104 (91, 92).—Cobb, 1893 b, 297-299 (48-50), figs. 4-9 (on roots of apricot almond, amaranth, banana, bean, beet, begonia, blackberry, buddleia, cabbage, cow pea, cucumber, dahlia, egg plant, fig, gourd, grape, maize, melon, morning glory, mulberry, orange, peach, pea, peanut, petunia, plum, potato, pumpkin, purslane, radish, sanfoin, shepherd's purse, spinach, spiraea, squash, sunflower, tomato, walnut, willow; N. S. W., Queensland, Victoria); 1897, v. 8, 208-252, figs. 1-53; 1902, v. 13 (10), 1031-1033.
- robustus* Man, 1876a (b), 124-126 (47-49), pl. 6 fig. 18a-c (free; Leiden).—Brackenhoff, 1914, v. 22, 299.—Daday, 1905, v. 23, 327.—Ditlevsen, 1912, 243.—Oerley, 1880, 103, 107-108.—Silva Araujo, 1878b, 52.—Southern, 1914, v. 31, 8 (Clare I.).—Steiner, 1914, 271.
- sacchari* Soltwedl, 1881, v. 5, 143 or 147 [nv.].—Bos, 1891, 5.—Zimmermann, 1898, 31, 32-34.
- scandens* (Schneid., 1866a) Romanin, 1867a, 91-100 [nv.].—Bos, 1887, 367 [nv.]; 1888, 51; 1889, v. 3 (3), 273, 280; 1891, 5; 1907, 4, 5, 6.—Dewitz, 1892b, 141, fig. 109.—Fiebiger, 1912a, 225.—Hempelm., 1912a, 108, 110.—Huber, 1879a (b), 39-43; 1909, 1-8 (s. *Anguillula tritici*, *A. graminearum*, *Rhabditis tritici*) (in various plants; Germany).—Menz., 1914, AN, 81, 86.—Toscani, 1869a, 96-101 [nv.].
- schachtii* (Schmidt, 1871) Oerley, 1880a (b), 103, 106 (91, 94).
- secalis* (Nitzsch, 1868) Oerley, 1880a (b), 103 (91).
- setiferus* Cobb, 1893a, 813 (36) (in soil; N. S. Wales).
- similis* Cobb, 1893b, 301 (52), pl. 7 figs. 1-5 (about diseased banana plants; Fiji); 1915, JAR, v. 4 (6), 561-568, figs. 1-2 (of sugar cane and banana).
- species* Man, 1906, v. 41, 160-163, figs. 4-7 (terre sablonneuse; Flessingue).
- species* Micol., 1914, ZJ, 529, pl. 19 figs. 35a-b (in fresh water; Ostalpen) (cf. *bulbosus*).
- species* Thomas, 1896a, 50-53 (in *Cirsium oleraceum*; by Ohrdruf).
- species* Thomas, 1885, v. 4, 42 [nv.]; 1893, EN, v. 19, 293 (in gall on *Taraxacum officinale*; Ohrdruf).—Trotter, 1903a, 174.
- symmetricus* Cobb, 1914, TAMS, 73, 111-112 (39, 77-78) (marsh in black clay with much decayed vegetation; Arlington Farms, Va.).
- terricola* Bast., 1865c, 127-128, pl. 10 figs. 115-116 (in rootlets of wheat plant; Broadmoor, Berks).—Oerley, 1880a (b), 103, 108 (91, 96).
- tiliae* Oerley, 1880a (b), 103, 104 (92, 97) (in Lindenknospen; Darmstadt, Büetsch., 1873a, 36).
- tritici* (Steinbuch, 1790) Bast., 1865c, 126-127, pl. 10 figs. 112-114 (in ears of wheat, oats, rye).—Aur., 1883, 6.—Bos, 1889, v. 3 (3), 280; 1891, 5 (quotes Duj.) (so. *scandens*).—Büetsch., 1873a, 32.—Chatin, 1884b, 11 (du blé); 1884c, 376.—Johns., 1909, S, v. 30, 576.—Marcinowski, 1909, 42, 43.—Menz., 1914,

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- AN, 61, 83, 84, 85, 86, 87, 88, 89.—Nev.-Lem., 1913a, 284, 285–291, figs. 244–247.—Oerley, 1880a(b), 103, 104–105 (91, 92–93) (of Roffredi).—Pratt, 1916a, 218.—Shipley, 1896a (1901b), 155, 156, 160, 163 (in corn); 1911, 217.—Southern, 1909, v. 4, 91 (in corn) (quotes “Need.”).—Ward, 1895a, 320.
- turbo* Marcinowski, 1909, v. 7 (1), 135–137, fig. 65 (in diseased potatoes); 1909, MkbA, 45.
- uniformis* Cobb, 1893a, 815–816 (38–39) (in soil about roots of sugar cane; N. S. Wales).
- velatus* Büetsch., 1873a, 38–39, pl. 3 fig. 13 (on moss roots; by Büetsch.).—Oerley, 1880a(b), 103, 107 (91, 95).
- xylebori* Roux, 1906a, 49–54, figs. 2–3 (in larvæ of *Xyleborus dispar*, X. saccesi; Lyon).

TYLOLAIMOPHORUS Man, 1880a, 63–64 (tod. typicus).—Stiles & Hass., 1905b, 147.

typicus Man, 1880a, 64 (in sand; Holland); 1912, v. 1, 456.

TYLOPHARINX Silva Araujo, 1879b, 52 (for Tylopharynx).

TYLOPHARYNX Man, 1876a (b), 116–119 (39–40) (mt. striata).—Oerley, 1880a(b), 67, 101–102 (55, 89–90).—Silva Araujo, 1878b, 52 (Tylopharinx).—Stiles & Hass., 1905b, 147.

striata Man, 1876a(b), 117–119 (40–42), pl. 6 figs. 15a–d (in grass; Leyden).—Oerley, 1880a(b), 102 (90).—Silva Araujo, 1878b, 52.

TYPHLOPHOROS Linst., 1906, JPAS, v. 2 (7), 270 (mt. lamellaris).

lamellaris Linst., 1906, 270, figs. 3–5 (in stom., *Gavialis gangeticus*; Calcutta Zool. Gardens).

UDONCHUS Cobb, 1913, JWAS, v. 3 (16), 442 (mt. tenuicaudatus).

tenuicaudatus Cobb, 1913, 442 (on aquatic plants and among algæ; Cockpit Springs, Jamaica, W. Indies).

UNCIARIA Fischer, 1799a, 99 (misprint for Uncinaria).—Stiles, 1903k (1), 15.—Stiles & Hass., 1905b, 147.

UNCINARI Camp. & Lacr., 1907, 77 (misprint for Uncinaria).

UNCINARIA Froel., 1789a, 130–139 (tsd. vulpis=melis=criniformis) [not Uncinaria Vest., 1867, mollusk]; Agostini, 1916, ASec, v. 13, 205–211.—Aless., 1905, BSzi, v. 6 (4–6), 23–48 (of man and animals), 1905, BSzi, v. 6, 49–54, 1 pl.—A., K., & G., 1904, Dec. 1, 29.—R. Bl., 1895 (1896), 745–746.—Boycott, 1904, Oct., 1904, Nov. 26, 940.—Branch, 1907, JTM, v. (21); 1908, HC, v. 4 (3), 92.—Brehon, 1905, v. 9, 540–545; 1907, v. 39, 781.—Brooks, 1903, v. 3, 28–39.—Brown, 1903, OMT, v. 17, 107.—Brumpt, 1910a, 365 (cf. *Ankylostomum*); 1913a, 428.—Byrd, 1910, v. 54 (21), 1717.—Deslgch., 1824nnn, 763; 1830i, 461.—Dies., 1851a, 299; 1861a, 715 (so. Doch.).—Duj., 1845a, 277.—Fabr., 1794, 12.—Fischer, 1799, 99.—Gedælst, 1911a, 123.—Ghisleni, 19051, 294–295.—Gutierrez, Gonzalez, & Sein, 1907.—Hall, 1916a, 108, 111, 119 (type criniformis); 1916b, 518.—Heiser, 1908, v. 51, 2233 (effects in tuberculosis); 1909, v. 52, 97–99.—Hut. & Mar., 1906a, 400; 1910b, 501.—Index-Cat. Lib. Surg. Gen. Off., U. S. Army, Wash., 2. s., v. 19, 37.—Kinyoun, 1907 (9), 129 (Fla.).—Lane, 1917, IJMR, 420, 421, 422, 435, 436, 437.—Linst., 1906, 92.—Looss, 1901a, 27, 29, 31, 53, 54, 56, 65; 1902a, 422, 423, 424, 425; 1905a, 22, 23, 26, 27 (nomenclature), 28 (diagnosis); 1911a, 192, 196, 199, 200, 201, 210, 212, 237, 259, 346.—McSwain, 1910, 1716–1717.—de Menezes, 1904, 48–50.—Mizkuner (1886a), 22; (1886e), 367.—Moniez, 1896a, 300.—Nev.-Lem., 1896a, 275; 1904a, 97; 1908a, 416; 1912a, 647.—Noc, 1906k, 1317 (and beriberi).—Oefe, 1902a, 490, 494.—Patterson, 1908, 189, 190, 191.—Raf., 1815a, 151 (g. of *Filaridia*).—Rail, 1893a, 464–475 (s. Doch., *Ankylost.*); 1897, 1134 (in Canidæ, Felidæ); 1900d, 82, 83, 84, 86, 87, 88 (type vulpis; s. *Ankylost.*, *Agchylost.*, Doch.), 94; 1901b, 987; 1902, 110.—Rail & Henry, 1909b, 170; 1912, v. 14, 564 (g. of *Strongyle*æ, *Strongylinæ*).—R., H., & J., 1913, 265.—Rizzo, 1900, v. 9, 107–115, figs. 1–2 (manner of attacking intestine); 1900, 1–11; 1900b, 318–322, figs. 1–2; 1900, v. 7 (23), 781–782; 1904, 11.—Rud., 1793a, 17; 1801a, 59 (so. Str.); 1802a, 40 (so. Str.).—Schränk, 1803, 185.—Shipley, 1901b, 143.—Smith, A. J., 1903, AJMS, 13, 17; 1904, 70.—Stiles, 1901p, 523–532; 1902hh, 184, 185, 186, 187, 188, 191 (subg. U., *Diploodon*, *Monodontus*), 192, 193, 194, 201, 206, 209, 210, 211, 213, 216; 1903k (1),

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- 3, 11, 13, 14, 15, 16, 19, 21, 32, 34, 37, 41, 49, 54, 57, 85, 93, 100, 103, 110; 1907e, 583 (type vulpis=crinif.); 1914, MM, v. 2, 271.—Stiles & Hass., 1899a, 99, 100, 103, 164–165 (type vulpis); 1905b, 147.—Stoss., 1898c, 87 (diagnosis) (g. of Sclerostominae); 1899d, 56, 116 (2, 62).—Verdun, 1907, 360.—Ward, 1903, 210, 220.—Weidman, 1915, v. 28 (4), 323–326 (28–31) (in arctic fox, *Felis ruffus*, *F. r. texensis*, grey wolf, g. fox, jaguarundi, red fox, sea lion, swift fox [*Vulpes velox*]); 1916, TVB, v. 4 (1), 25.—Zed., 1800a, 69 (so. Str.); 1803a, 81.—See also: *Uncinaria*, *Dochmius*, *Uncinaria*, *Uncinaria*, *Uncinnaria*, *Uncinari*.
- americana* Stiles, 1902 v (w), 777–778 (1–3) (in *Homo*; U. S. A.); 1902x, 869; 1902y, 778; 1902z, 787; 1902hh, 183, 186, 189, 190, 191, 192, 193, 201, 207, 211, 212, 216, 217, 219; 1903k (1), 3, 9, 13, 17, 18, 19, 20, 33, 34, 35, 38, 39, 40, 41, 42, 43, 48, 58, 65, 75, 85, 88, 91, 96, 97, 98, 99, 100, 101, 102, 103, 105, 107, 111, 113, 115; 1903, 303 to (Necator); 1905v, 35; 1907e, 583, 584; 1914, MM, v. 2, 272, 282.—Aless., 1905, 28–29, 45, pl. 1 figs 2, 4, 9, 10, 16, pl. 4 fig. 2.—A., K., & G., 1904, Dec. 1, 18, 28, 36, 79, 93, 107.—Betts, 1906, v. 9, 87–95.—Bondurant, 1903, 299.—Braun, 1906a, 331–332; 1908a, 337; 1915a, 360.—Brooks, 1903, 31, 32, 33.—Brumpt, 1910a, 371; 1913a, 435.—Brush, 1905, Jan. 5.—Capps, 1903a, 28.—Cast. & Chalm., 1910a, 438; 1913a, 560.—Colbert, 1907, v. 3, 369–373.—Dead. & Thoms., 1916a, 454, 455, 456, figs. 86–90.—Dunbar, 1904–1905, TMN, v. 14, 3–5.—Dunn, 1910, APN, v. 44, 52–84.—Fiorentini, 1908, v. 2, 74.—Folkes, 1904, JMMA, v. 9, 268.—Goodhue, 1906, 1583.—Guiart, 1910a, 410.—Guiteras, 1902c, 100–101; 1902d, 110; 1902e, 278.—Herzog, 1896a; 1907a, 544 (and beri-beri).—Higgins, 1906, 881, 882.—Index-Cat. Lib. Surg. Gen. Off. U. S. Army, Wash., 2, s., v. 19, 37.—Isola, 1904, v. 15, 239–241 (Italy); 1904, v. 5 (129), 1–4.—James, 1904, v. 1, 554–557 (cases).—JAMA, 1904, Apr. 9, 965 (Porto Rico); 1908, Feb. 29, 711–712.—Leidy, 1909, June, 1832 (1).—Linst., 1902, v. 9 (24–25), 778; 1903o, 526–527 (in *Homo*; U. S. A.) (to *Ankylostomum*); 1903o, 526–527 (in *Chimpanzee*, *Limia* [=Simia] troglodytes; W. Africa).—Loeb & Smith, 1904, 2.—Looss, 1905a, 28 (to N.), 124.—Med. Rec., N. Y., 1904, Mar. 12, 422.—Musser, 1913a, 437.—Neum. & Mayer, 1914a, 72, 74, 427.—Nev.-Lem., 1904a, 97, 111; 1906a, 278, 280, figs. D–F; 1908a, 441.—Oliveira, 1904, 101.—Patterson, 1903, 187–190; 1910, 838.—Pieri, 1905, 554, 727–730.—Plasencia, 1902, v. 3, 175–189, pl. 4 fig. 7; 1904a, 140.—Rans., 1904, 59, 63.—Robledo, 1909, 605.—Royal, 1909, May 16, 501.—Schifone, 1908a, 1328.—Siccardi, 1905, 1474, 1476.—Simon, 1907a, 308, pl. 15, a.—Sl. & Sw., 1912a, 336.—Smith, A. J., 1903, 6, 7, 8, 9, 11, 12, 13, 15, 16, 17, 18, 19, 22, 23, 25, 26, 27, 28; 1903a, 583–590; 1904a, 69, 70 (in chimpanzee; Africa), figs. 1, 2; 1908b, 265, 268 (11, 26) (in H.; Texas, Pa.).—Spivak, 1903a, 583.—Ward, 1903, 703, 704, 705, 708; 1903l, 221, 222, figs. 3563–3565.
- balsami* (Par. & Grassi, 1877) Dolley, 1894a, 1021 (so. trigonoc.) (of dogs).
- balsamoi* Cohn, 1899a, 8 (misprint for *balsami*).
- bidens* (Mol., 1861) Stoss., 1899d, 126 (in *Nasua narica*, *N. socialis*, *Procyon cancrivorus*; Brazil).—Aless., 1905, 44.
- boæ* (R. Bl., 1886) Stoss., 1899d, 123 (in *Boa constrictor*).—Aless., 1905, 42–44, 45, pl. 3 figs. 11–13, pl. 4 fig. 11 (in *B. imperator*) (*boa* on pl. 3).—Looss, 1911a, 200.
- braziliensis* (Gomez, 1910) Rail., 1911, RMv, v. 88, 779.
- canina* (Erc., 1859) Rail., 1900d, 83, 84, 88, 89, 90, 91, 92, 93 (s. *Doch. trigonoc.* Erc., 1854 [not 1859] in dogs, *Sclerost. c. Erc.*, 1859, *Doch. balsamoi* Par. & Grassi, 1877 in cat, U. trigonoc. Rail., 1885, in dog, *Ankylost. tubæf.* Linst., 1885, in cat); 1903, 17.—Aless., 1905, 29–31, 45, pl. 2 fig. 6, pl. 4 fig. 3 (in *Canis fam.*, *C. lupus*, *C. vulpes*, *C. azaræ*, *Cynailurus guttatus*, *Felis dom.*, *Megalotis cerdo*, *Vulpes lagopus*).—Bishop & Dawson, 1914, v. 9 (10), 199–201.—Capps, 1903a, 28.—Fiebiger, 1912a, 288.—Galli-Val., 1901c, 360 (in cat).—Smith, A. J., 1903, 1, 13 (in dogs; Texas); 1904a, 70; 1908a, 264, 268 (in *Canis dom.*, *C. mexicanus nubilus*, *F. eyra*, *F. jaguarundi*; Phila.).—Stiles, 1902hh, 189; 1903k (1), 14, 17.
- catholica* Onelli, 1905, *Revista Jard. zool.*, 144–149 (in *Canis azaræ*, *C. lupus*, *Felis leo*, *F. mitis*, *F. onça*, *Eunectes murinus*; Buenos Aires).—Wolfh., 1911, 75.
- carinii* Trav., 1915, Bm, v. 29 (10), 73 (1–4) (in *Canis azaræ?*; from S. Paulo).

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- cernua* (Crep., 1829) Rail., 1885a, 362, figs. 244, 254; 1893a, 474-475, figs. 322, 333 (s. *Monodontus weddii*); 1897a, 1134; 1899g, 345; 1900, v. 15, 87 to (M.)=M. trigonoc. (Rud.) from sheep; 1900e, 106 (so. M. trigonoc.); 1902, (type of Bunost.).—Aless., 1905, 28, 36-37, 45, pl. 3 figs. 1, 2, pl. 4 fig. 6; 1909, AdP, 463.—Blasi, 1913, v. 25, 401-410.—Blgr., 1914, v. 7 (3), 242 (so. Bunost. trigonoc.).—Campb. & Lacr., 1907, 77-78 (treatment).—Fiebiger, 1912a, 289.—Galli-Val., 1898c, 8; 1898n, 377.—Garin, 1913, 6, 7.—Gough, 1908, 4 (in *Oreas canna*, sheep; S. Africa).—Ihle, 1917, 167.—Kowal., 1904, v. 38 7 (22) (in *Ovis aries*: Dublany).—Neum., 1888a, 387-389, figs. 172-173; 1892a, 416-418, figs. 203-204; 1892d, 427-428, 429, figs. 203-204.—Nev.-Lem., 1912a, 742.—Rans., 1911a, 30 (so. M. trigonoc.).—Rizzo, 1900a, 107-115, figs. 1-2; 1900, 781.—Stiles, 1901p, 532 (in sheep; Texas); 1902hh, 189, 191; 1903k (1), 17 (so. trigonoc.), 34 (in O. a.).—Stiles & Hass., 1894e, 345 (in *Bos taurus*, O. a., *Sus scrofa*).—Stoss., 1899d, 123-124 (69-70) (in *Antelope rupricapra*, *Capra hircus*, O. a.); 1904, 3, fig. 10.—Ward, 1895a, 335 (in B. t.), 338 (in O. a.).
- crassa* (Duj., 1845) Stoss., 1899d, 126-127 (72-73) (in *Viverra genetia*; Senegal).
- criniformis* (Gøze, 1782) Rail., 1899c, 25 (in *Meles taxus*); 1900d, 82.—Aless., 1905, 41-42, 45, pl. 2 fig. 13, pl. 4 fig. 10 (in M. t.).—Looss, 1902c, 423, 425 (type of *Uncinaria*); 1905a, 23, 24, 27 (in *Fœtorius putorius*; Leipzig), 28, 81 (s. *Doch. trigonoc.* of Leuck.), 92, 104, 111, 126; 1905, 60; 1911a, 168, 194, 196, 196, 197, 198, 209, 212, 221, 256, 268, 279 (s. *Doch. trigonoc.* of Leuck.), 280, 281, 282, 284, 286, 287, 313, 329, 345, 347, 355, 377, 418, 437, 453, 512, 570, pl. 11 figs. 105, 106a, pl. 12 fig. 116, pl. 15 fig. 166.—Par., 1907, 3.—Rail. & Henry, 1909b, 170; 1915, BSPE, 274.—Stoss., 1899d, 125 (71) (in M. t.; Europe).—Verdun, 1907, 360.
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- maxillaris* (Mol., 1861) Stoss., 1899d, 126 (72) (in *Procyon cancrivorus*; Brazil).
- metis* (Schrank, 1788) Frøel., 1789a, 136–137 (s. *Asc. crinif.*) (in *Dachs*).—Cat. RCSL, 1830, 41 (s. *Str. crinif.*).—Dies., 1851a, 300 (s. *Doch. crinif.*).—Duj., 1845a, 276 (so. *Doch. crinif.*).—Gmel., 1790a, 3041.—Looss, 1902c, 422, 423, 425; 1905a, 23, 25.—Mol., 1861a, 495.—Par. & Grassi, 1877, 193.—Rud., 1793a, 18 (s. *vulpis*, *Asc. crinif.*); 1802a, 39 (so. *Str. crinif.*); 1809a, 234 (so. *Str. crinif.*) (in *Ursus meles*).—Schrank, 1803, 207.—Stiles, 1903k (1), 15 (probably so. *vulpis*).—Stoss., 1899d, 125 (71) (so. *crinif.*).—Zed., 1803a, 90 (so. *Str. crinif.*).
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- perrodens* Kitt, 1915, MpT, 340, 324–346, figs. 1–11 (in *Insektigern* [*Felis sondiaca*]; Munich Zoo.).
- pluridentata* Aless., 1905, 34–36, 45, pls. 2, 4 figs. 5, 7–10 (in *Oncoides* (*Felis*) *mitis*; Brazil).
- polaris* Looss, 1911a, 196, 197, 198, 213, pl. 11 figs. 107, 108, pl. 12 fig. 117 (in *Vulpes lagopus*; N. A.).
- quadridentata* (Mol., 1861) Rail., 1897a, 1134; 1898b, 174 (in *Mycetes niger*; [Cujaba]); 1899b, 345 (in monkeys).—Galli-Val., 1898n, 377.—Stiles, 1902hh, 191.
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(FRANCE) Nicolle, 1908, Adl'IP, v. 4, 173; 1909, CfB, v. 43 (9-12), 347-348.

(GR. BRIT.) Brehant, 1908, L, (4431), 303; 1908, NYMJ, v. 88 (8), 371; 1908, BkW, v. 45 (37), 1693-1694; 1908, MmW, v. 55 (45), 2345-2346; 1908, DmW, v. 34 (33), 1443; 1908, MR, v. 74 (8), 332.—Nicoll, 1914, JH, Camb., v. 13, 369-392 (volume).

(ITALY) Conti & Curti, 1906, Cm, (8); 1907, CPPS, v. 2 (3), 114.—Preti, 1908a, 436-437; 1908b, 535-536; 1908, BSmcP, v. 22, 79, pl. 1; 1908, Pm, v. 16 (35), 279; 1908, HR, v. 18 (28), 1346-1347; 1908, CPPS, v. 3 (9), 341; 1908, Al, v. 31 (23), 288; 1908, CPA, v. 19 (20), 519; 1908, HC, v. 4 (12), 366; 1909, CfB, v. 44 (5), 145.—Siccardi, 1909, R, v. 3, 478-481.

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 (FRANCE) Brimont & Ceillier, 1909, BSPe, v. 2, 418-423; 1910, BIP, v. 8 (8), 352-353.

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- (JACKSONVILLE, FLA.) Ross, 1910, GSJMS, v. 17 (1), 20–23; 1910, JAMA, v. 54 (20), 1631; v. 55 (8), 719.
- (JAPAN) Katsurada, 1891d, 10–15, 9–25.
- (WASH., D. C.) Claytor, 1902a, 28–38, figs. 1–3; 1902b, 331–332.
- , climate, soil, and season:
(U. S. A.) Dead. & Thomps., 1916a, 451.
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(U. S. A.) Dead. & Thomps., 1916a, 472.—Stiles, 1910, JTMA, v. 3 (2), 35–36.—Raiford, 1911, VMSM, v. 16 (3), 61–64.
- , ainhum:
(U. S. A.) Eskridge, 1910, MR, v. 78 (12), 492–493, fig. 1.
- , —, anemia:
(ASSAM) Campbell, 1893a, 106.
(AUSTRALIA) O'Brien, 1909, AMCT, v. 1, 241–245.
(BRIT. GUIANA) Ozzard, 1890, 87; 1902e, 68; 1902f, 275.
(DEUTSCHLAND) Looss, 1914, HdT, v. 2, 392.—Schill.-Torgau, 1914, HdT, v. 2, 134.
(GR. BRIT.) Ferguson, 1907, BMJ, v. 2 (8), 521.—Nicoll, 1912, BMJ, v. 2, 1097.
(GULF ATLANTIC STATES) Stiles, 1911, S, v. 33, 511–512; 1911, JAMA, v. 57 (6), 507 ("cotton-mill anemia").
(INDIA) Liston, 1900a, 380–383.—Rogers, 1898b, 399–405; 1899a, 118–119.
(ITALY) Gabbi, 1908, RcCm, v. 9, 257, 273, 453–465, 685.—de Marchias, 1908, RcCm, v. 9, 177, 193.—Marini, 1909, RcCm, v. 10, 132–145.—Monari, 1895a, 866–868; 1896a.—Quadri, 1910, Pol., v. 17, 333–334.—Siccardi, 1908d, 437–447, 683–685.
(JAPAN) Yoshida, 1908a, 683–697; 1909a, 731; 1909b, 1074.
(TENNESSEE) Blan, 1905, NJMS, v. 97, 106–108.
(U. S. A.) Boggs, 1903, BJHH, (14), 233.—Fitch, 1904, SM, v. 11, 274–284.—Herrick, 1902a, 101; 1902b, 144.—Stitt, 1911, USNMB, v. 5 (3), 345–346 (aplastic pernicious).—Warfield, 1904f, 9–12; 1904g, 76; 1904h, 79; 1905a, 522–523; 1906a, 333–336.—Whipple, 1909a, 331–343; 1909b, 1144; 1909c, 362; 1909d, 380; 1909e, 145–146; 1909g, 1155.
- , —, anguilluliasis:
(ITALY) Leonardi, 1904a, 900–901; 1904b, 2246.
- , —, appendicitis:
(PARIS) Giudice, 1913, AHMc, v. 16 (2), 436–440.
- , —, atralgia:
(BOGOTA) Romero, 1916, v. 7, 199–201; 1916, TDB, v. 7 (6), 359.
- , —, bilharziosis:
(PARIS) Noc, 1910, BSPe, v. 3 (1), 30–32; 1910, BIP, v. 8 (8), 354–355.
- , —, blackwater fever:
(DEUTSCHLAND) Mann, 1902a, 523–536, figs. 1–2; 1903a, 215.
(SIERRA LEONE) Grattan, 1907, JRAMC, v. 9 (3), 237–243, 2 charts.
- , —, brain disease:
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- , —, cataract:
(ATLANTA, GA.) Calhoun, 1904, TMA, 267–271; 1904, JAMA, v. 42 (20), 1318; 1911, AJO, v. 28, 257–261.
- , —, coprologia:
(RIO DE JANEIRO) França, 1914, AbM, v. 4 (1–2), 125–132.
- , —, dropsy:
(GR. BRIT.) Hanc., 1831a, 67–73.
- , —, dysentery:
(MAZORRA) Guiteras & Agramonte, 1905, RMt, v. 6 (6), 110–114; 1905, AST, v. 9 (12), 564–565.
(U. S. A.) Ward, L., 1903a, 23–26; 1903b, 193; 1906a, 23.

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- (U. S. A.) Moore, 1913, AJTDPM, v. 1 (4), 294-295, figs. 1-2.
- , —, enlargement of liver and spleen:
(BRAZIL) Almeida Magalhães, 1899, RmSP, v. 2 (6-7); 1899, MN, v. 75 (13), 412.
- , —, entorrhagia:
(BUENOS AIRES) Gaing, 1912, ALAP, 5. 330-333.
- , —, eye complications:
(ATLANTA, GA.) Calhoun, 1912, JAMA, v. 59 (12), 1075-1079.—Hensell, 1912, JAMA, v. 59 (12), 1079; 1901a, 412-413.
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(GREENVILLE, S. C.) Jerve, 1914, JAMA, v. 63 (2), 151-156.—Kollock, 1914, JAMA, v. 63 (2), 155-156.
(JAPAN) Inoshita, 1903a, 1160.
(U. S. A.) Mauldin, 1910, JSCMA, v. 6, 521.—Dead. & Thomps., 1916a, 471.
- , —, fever:
(ITALY) Gabbi, 1908, RcCm, v. 9, 257, 273, 453, 465, 685.—Perronc., 1881c, 12 (intermittent); 1881l, 103-107.
- , —, Graves' disease:
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- , —, hæmorrhage of the retina:
(ITALY) Rampoldi, 1892, AO, v. 21, 357.
- , —, hydrocele in pregnancy:
(JAPAN) Senshu, 1905a, 443-447.
- , —, icterus:
(RIO DE JANEIRO) MacDowell, 1915, AbM, v. 5 (4-5), 189-197.
- , —, icterus, hemolytic:
(FRANCE) Darre, 1909, BSPe, v. 2, 97-103; 1909, BIP, v. 7 (8), 361-362.—Parisot & Fairise, 1913, AMCVS, v. 6, 458-467.
- , —, intra-peritoneal transfusion:
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- , —, malaria:
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(DEUTSCHLAND) Mann, 1902a, 523-536, figs. 1-2; 1903a, 215.
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- , —, mania:
(U. S. A.) Blachly, 1912, JOSMA, v. 5 (4), 125-179.
- , —, menstruation and pregnancy:
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(LOND.) Sandwith, 1894, L, v. 1, 1364.
(RIO DE JANEIRO) Austregesilo & Gotuzzo, 1909, AST, v. 13, 339-344; 1909, A&N, v. 30, 20-27; 1910, MmW, v. 57 (2), 95.—Espasel, 1914, AbM, v. 4 (1-2), 42-52.
(U. S. A.) Strong, 1916, IHC (3), 1-121.
- , —, morphinism:
(U. S. A.) Crowell, 1910, CMJ, v. 61, 76-77.
- , —, multiple lipomata:
(U. S. A.) Schmidt, 1912, P&S, v. 35, 37-39.
- , —, myiasis, intestinal:
(ITALY) Candido, 1913, AMn, Roma, v. 19, 394-407; 1914, AST, v. 18 (4), 143.
- , —, myositis ossificans:
(RICHMOND, VA.) Walton, 1912, VMSM, v. 17 (1), 5-8.
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(U. S. A.) Crowell, 1910, CMJ, v. 61, 76-77.

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- (JACKSONVILLE, FLA.) Randolph, 1910, GSJMS, v. 17 (1), 23-28.
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- , —, neuro-retinitis:
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- , —, pellagra:
 (ITALY) Binetti, 1902, GdO, v. 23 (138), 1436-1437.—Ceresoli, 1912, ACpi, v. 5, 345-372.—Pisenti & Mandolesi, 1901a, 874-875.
 (U. S. A.) Nichols, 1910, MS, v. 26, 646-657.—Parrish, 1911, TSJM, v. 6 (12), 316.
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- , —, retinitis:
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- , —, spongy gums:
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- , —, sprue:
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- , —, syphilis:
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- , —, tuberculosis:
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 (FLORIDA) McSwain, 1910, JAMA, v. 54 (21), 1716-1717.
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 (ITALY) Aless., 1905, BSzi, v. 14, v. 6 (4-6), 167-168.—Bozzolo, 1879a, 1250-1251.—Odorisio, 1908-09, v. 3, 197-203.—Quadri, 1913, PRq, v. 5, 5264-265.—Schupfer, 1909a, 194-196, 212, 213; 1909, BkW, v. 46 (48), 2154.
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 (TEXAS) Judkins, 1913, TSJM, v. 9 (4), 134-136; 1913, TDB, v. 2 (8), 413-414.—Johnson, 1913, TSJM, v. 8, (11).
 (U. S. A.) Bass, 1910, NOMSJ, v. 63, 250-254; 1910, LMJMS, v. 16, 277.—Dead. & Thomps., 1916a, 473.—McGill, 1910, JAMS, v. 7 (5), 131-134.—Perdue, 1904a, 77-80, figs. 1-5.—Ward, J., 1915, SMJ, v. 8 (9), Sept. 1; 1915, AJTDPM, v. 3 (5), 306.
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- , —, blood examination:
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- , —, clinical:
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- (CHICAGO) Bagby, 1907, JAMA, v. 48 (4), 325.
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- (AUSTRALIA) Brough, 1901.
 (DEUTSCHLAND) Fränkel, 1885a, 443.—Heusinger, 1852a, 1-183.
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- (BOCHUM) Tenholt, 1904c, 1791-1792; 1905a, 335.
 (DEUTSCHLAND) Bruns, 1905, MmW, v. 52, 73-76, 125-128, 172-175; 1905, WmW, v. 55, 1210-1216; 1906, HR, v. 16 (6), 320-322.

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- (HONOLULU) Fauntleroy, 1915, AJTDPM, v. 2 (11), 703-714.
 (KENTUCKY) Nuckols, 1914, KMJ, v. 12 (1).
 (LIÈGE) Lambinet, 1903b, 166-169, 174-175.
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- (AUSTRIA) Goldmann, 1900a, 1-54, pl. 1; 1901a, 547-548.
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- (CAPE COLONY) Mathias, 1898a, 108-111; 1898b, 920.
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(VIRGINIA) Brumfield, 1910, VMSM, v. 15 (3), 62-65.

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(BRAZIL) Oliveira, 1885a, 1-88.

(COLOMBO) MacDonald, 1896a, 533-535.

(GREAT BRITAIN) Salter, 1903a.

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(N. CAROLINA) Ferrell, 1910, PFG, v. 25 (47), 18; (48), 20.—Nicholson & Rankin, 1904a, 978-987; 1904b, 1045; 1904c, 1724; 1904d, 869.—Rankin, 1904, CMJ, v. 25, 380-387.

(PARIS) Benoit-Bazille, 1911, Pm, v. 19 (42), 439-440, figs. 1-6.—François, 1906, 1-122.

(PHILA.) Dead., 1915, IC, v. 4, 96-111.

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(WASH., D. C.) Stiles, 1910, MR, v. 77 (8), 338.

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(ARGENTINE) Zinn & Jacoby, 1898, 6.

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- (ASSAM) Bentley, 1904, IMG, v. 39 (4), 135-136; 1904, JTM, v. 7 (10), 159; 1904, MmW, v. 51 (28), 1264.—Fink, 1899a, 775-780.—Gregorson, 1909, JTMH, v. 12 (3), 31-35; 1909, RH, v. 31 (5), 495-496.—Stephens, 1906i, 398; 1907d, 16.—Thornhill, 1895a, 382-383.
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- (AUSTRALIA) Leiper, 1908, BMJ, v. 2 (10), 741; 1908, JTMH, v. 11 (17), 276; 1908, MR, v. 74, 383.—Macdonald, 1908, TSTMH, v. 1, 68-75; 1908, 25-29.
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- (BENGAL, EASTERN) Burkitt, 1909, L, v. 177, 1278-1279; 1909, v. 46 (49), 2199.
- (BERGAMO) Cremagnani, 1892a, 395-397, 408-411, 418-422.
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- (BIRMINGHAM, ENGLAND) Saundby, 1913, L, v. 184, 1223-1225; v. 185, 174.
- (BOCHUM) Bruns, 1905, MmW, v. 52, 1049-1050.
- (BÖHMEN) Hynek, 1904, Sk, v. 5 (4), 283-324, pl. 1; 1904, Clc, v. 43, 4-7.—Lohr, 1905a, 284-296; 1905b, 329; 1905c, 582; 1906, CmW, v. 44 (33), 554-555.
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- (BRAZIL) R. Bl., 1888a, 769.—Ferrari, 1917, Bm, v. 31, 19.—de Gouvea, 1868, AdH, v. 9, 178-180.—Griesinger, 1866, 381.—Looss, 1905a, 119.—Meira & Paranhos, 1913, 1-8; 1913, TDB, v. 2 (8), 409-411; 1913, Pm, v. 21 (18), 173.—da Rocha, 1868a, 178-180.—Thiry, 1913, RmE, v. 45 (6), 211-212.—Wucherer, 1866a, 39.—Zinn & Jacoby, 1898c, 6.
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- (BRIT. GUIANA) Grieve, 1890, BMJ, 470.—Howard, 1915, 1-44.—Kennard, 1900a, 261-262.—Law, 1908, JTMH, v. 11 (17), 272; 1908, MR, v. 74 (9), 379; 1908, BMJ, v. 2 (10), 739-740; 1908, BMJ, v. 2, 1349-1350; 1912, TSTMH, v. 6 (2), 33-43; 1912, TDB, v. 1 (8), 435-436.
- (BRIT. HONDURAS) Harrison, 1909, JTMH, v. 12 (18), 275.
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- (COLOMBIE) Robledo, 1909, BSpE, v. 2, 603-605; 1910, BIP, v. 8 (8), 353.
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- (CONEGLIANO) Maresio, 1903a, 360-361.
- (CONGO) Nattan-Larrier, 1906, RMHt, v. 3 (2), 69-73.
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- (SAWAH-LOENTO) van Steeden, 1901a, 221-236; 1902a, 141.
- (SCHANTUNG) Prieur & Fûerth, 1910, AST, v. 14 (19), 601-604.
- (SIAM) Hightet, 1915, L, v. 189, v. 2 (4), 202.
- (SICILIA) Amato & Gabrielli, 1912, v. 6 (3), 123-129.—Giuffrè, 1888a, 381-384.—Par., 1886a, 464-468.—Pernice, 1887a, 97-109.—Tomaselli-Peratoner, 1900a, 795-799, 806-822, 832-834, 843-846.
- (SIERRA LEONE) Harvey, 1908, JRAMC, v. 11 (1), 1-23, figs.—Smith, 1899c, 1543.—Yorke & Blacklock, 1915, ATMP, v. 9 (3), 425-427, figs. 1-4.
- (SOUDAN) Bay, 1904, 369-387 (southern).—Christopherson, 1910, v. 13, 3-7 (Egyptian); 1910, CfB, 791.
- (S. CAROLINA) Bruce, 1911, JSCMA, v. 7, 341-347.—Ward, 1911, JSCMA, v. 7 (9), 329-358.
- (SOUTHERN PINES, N. C.) Johnson, 1905, CMJ, v. 53, 292.
- (SPAIN) Codina, 1904, ArAm, v. 24, 152.—de Larra y Cerezo, 1904a, 491-496; 1905a, 275-276.
- (SPANISH HONDURAS) Barlow, 1915, 272.
- (SUMATRA) Salm, 1905b, 615-616.
- (SWITZ.) Koitcheff, 1908, 1-61, pls. 1-2.
- (TAMPICO) Matienzo, 1903a, 354-356, pls. 1-2; 1904a, 141-145.
- (TENNESSEE) Evans, 1910, SMJ, v. 3, 506.
- (TEXAS) Herfi, 1894a, 412-416; 1894b, 613-616; 1895a, 218; 1895b, 349-353; 1895c, 12.—Schæffer, 1901a, 399-408; 1901b, 655-658; 1901c, 1-10.—Smith, 1903, AJMS, v. 126 (5), 768-798, figs. 1-10; 1903, JAMA, v. 41 (22), 1369.—Stiles, 1903yy, 353-445, figs. 1-85; 1912, S, v. 35, 555.

Uncinariasis, geographic distribution—Continued.

- (TORINO) Bozzolo, 1879b, 369-370; 1879c, 24-25.—Leuck., 1868, 411.
(TRANSVAAL) Posnett, 1906a, 718-719; 1906b, 305; 1907a, 439.
(TUNIS) Gobert & Catouillard, 1908, BSPE, v. 1 (10), 600-602; 1908, PM, v. 16, 828; 1908, Ad'IP, v. 4, 173-178; 1909, CFB, v. 43 (9-12), 347-348.
(UDI DISTRICT, CENTRAL PROVINCE, S. NIGERIA) Wyler, 1913, JTMH, v. 16, 193-195.
(UMBRIA) Guerra-Coppiolo, 1913, v. 7, 1-6.—Norsa, 1905a.
(URUNDI) Lange, 1914, Diss. Leipzig.
(U. S. A.) Allyn & Behrend, 1901, 98.—A., K., & G., 1904, 26.—Smith, 1903, MR, v. 63 (19), 757; 1903, AM, v. 5 (20), 771; 1903, MN, v. 82 (21), 994.—Stiles, 1901p, 523-532; 1903g, 517-521; 1903k, 1-121, figs. 1-86; 1903l, 1-122; 1903m, 76-77; 1903n, 757-758; 1903p, 640-641; 1903q, 61-65; 1904g, 193-196, figs. 8-12; 1904q, 117-121.—Stone, 1903a, 680-683, figs. 1-2; 1903b, 628; 1903c, 660.
(U. S. A., CENTRAL) Holland, 1913, MR, v. 84 (18), 821; 1913, NYMJ, v. 98 (18), 890.
(U. S. A., SOUTHERN) Arnold, 1911, KMJ, v. 9 (5), 227-229.—Carter, 1909, MM, v. 33, 617-631.—Gage & Bass, 1910, AIM, v. 6 (3), 303-306; 1910, JAMA, v. 55 (15), 1324; 1910, JTMH, v. 13 (21), 332.—Harris, 1902e, 776; 1903e, 133-148, figs. 1-3; 1903f, 208-209.—Lemann, 1903a, 260-266; 1903b, 211-216.—Smith, A. J., 1914, OP, v. 12 (20), 617-627.—Smith, C., 1903a, 709-713, figs. 1-4; 1903b, 508; 1903c, 677; 1903d, 251; 1904b, 592-597, figs. 1-2; 1904c, 973; 1904d, 465; 1904e, 1450; 1905a, 147-148.—Snyder, 1908a, 751-759.—Stiles, 1902ll, 2433-2434; 1902mm, 760; 1903f, 11-12; 1903uu, 315; 1905x, 35; 1910c.
(VENEZUELA) Bareggi, 1882a, 276-278.—Mouat-Biggs, 1915, JTMH, v. 18, 178-179; 1915, TSTMH, v. 8, 216-217.
(VERONA) Bonuzzi, 1884a, 281-285, 289-292, 302-306, 323-325, 331-333.
(VIÑALES) Rivero y Beltran, 1910, SyB, v. 3 (5-6), 737-738.
(VIRGINIA) Freeman, 1911, VMSM, v. 16 (3), 57-61.—Gray, 1901a, 269-270.—Waddell, 1910a, 546-549 (Piedmont region).
(VOGHERA) Cattaneo, 1911, Savoro, v. 4, 227-232; 1911, BSMP, v. 30, 165-176.
(WARM CLIMATES) Mans., 1903e, 639.—Turner, 1896b, 99-102.
(W. INDIES) Branch, 1905, 261-262.—Mans., 1903e, 659.—Spitzly, 1898, BMJ, (1932), 116.
(WESTPHALIA) A., K., & G., 1904, 24.—Bruns, 1904, MmW, v. 51, 657-662, 715-717; 1904, DmW, v. 30 (19), 720; 1904, JAMA, v. 42 (21), 1394.—Haldane, 1903c, 1-13; 1903d, 1590-1591.—Müell., 1910, 178; 1910, BOiHp, v. 2 (11), 1979.—Mulvaney & Kenig, 1903a, 1-23, 1 map.—Oliver, 1904a, 1635-1637; 1904b, 1280; 1904c, 1-32; 1905a; 1905b, 189-202; 1905g, 191-192.—Tenholt, 1903e, 297-305.
(WIEN) Heschl, 1876a, 484-485; 1876b, 148-153; 1876c, 925-928.
(WÜRZBURG) Seifert & Müell., 1885a, 457-459.

—, ground-itch:

- (ASSAM) Bentley, 1902a, 190-193; 1902b, 299; 1902c, 311; 1902d, 1310; 1902, GTNI, v. 42 (6), 759-761; 1902, JTM, v. 5, 61-64; 1902, ZC, v. 9 (16-17), 504.
(BOGOTA) Lombano-Barranèche, 1907, RmB, 161-163.
(GR. BRIT.) Elliott, 1902, BMJ, v. 1, 807-808.—Nash, 1902a, 587.
(INDIA) Dallas, 1902, IMR, v. 23 (9), 241-243; (13) 365-366.
(U. S. A.) Dead, & Thomps., 1916a, 465.—Smith, 1906a, 1693-1695, figs. 1-3; 1906b, 1099; 1906c, 878; 1907a, 16.

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- (DEUTSCHLAND) Zinn & Jacoby, 1898, 3.
(LOND.) Sandwith, 1894, L, v. 1, 1363.
(SWITZ.) Schulthess, 1882, 169.
(U. S. A.) Dead, & Thomps., 1916a, 445, 462 (clinical).—Stiles, 1910, JAMA, v. 54 (5), 391-392; 1910, NYMJ, v. 91 (7), 356; 1910, MR, v. 77 (8), 336.

Uncinariasis in animals:

(SIERRA LEONE) Harvey, 1908, JRAMC, v. 11 (1), 1-23, figs.

(U. S. A.) Stiles, 1901p, 523-532.

(WINDWARD ISLANDS) Nicholls, 1913, AST, v. 17 (21), 758.

—, cats:

(ITALY) Grassi, 1878c, 451-454; 1879a, 493.

—, cattle:

(PRAG) Duchanek, 1909, BtW, v. 25 (44), 805; 1909, VR, v. 22, 344; 1909, TC, v. 32 (8), 114-118; 1909, TR, v. 15 (37), 292.

(U. S. A.) Conradi & Barnett, 1908, BSCAES, 1-23, figs. 1-9.—Dawson, 1903b, 1-3; 1907, DtW, v. 15 (17), 243-244.

—, dogs:

(ASSAM) Gray, 1899a, 1107; 1899b, 902.

(DEUTSCHLAND) Leichtenstern, 1898, 4.—Liefmann, 1905, 357.—Korbelius, 1899a, 187.—Looss, 1898, CfB, v. 1 (24), 863-870; (25), 913-926; 1911, v. 4, 211, 328, 333.—Mello, 1908, AsrSAvi, 104; 1908, DtW, v. 17 (22), 318; 1910, AVR, v. 36 (4), 510.—Tenholt, 1896, 9.

(FRANCE) Calmette & Breton, 1905, BAM, v. 53, 312-314.—Cuille, 1908, Rv, v. 33 (10), 613-618, fig. 1; 1908, Cv, v. 31 (46), 747-748; 1908, JMVZ, v. 12, 734-735; 1909, RMv, v. 86 (1), 48-49; 1909, ESR, v. 20 (9), 882-883; 1909, DtW, v. 17 (21), 301-302; 1909, JTVS, v. 4 (2), 159-162; 1910, BtW, v. 26 (15), 324; 1910, Al, v. 33 (19) 223.—Mégn., 1882ff, 408-412, 417-432; 1882ll, 663-666; 1882mm, 59; 1882uu, 1882vv, 1-20; 1883i, 311-325, figs. 1-2; 1883, CrSB (7), 172.

(GR. BRIT.) Leiper, 1910, 200.—Oliver, 1910, 166.

(HUNGARY) Sequens, 1893a.

(INDIA) Powell, 1900a, 1452.

(ITALY) Marcone, 1898a, 5-11; 1898b, 485-486; 1901a, 63-65; 1903a, 703.—Perronc., 1914, AAA, v. 56, 218-219.—Pieri, 1905, 4.—Siccardi, 1905, 108.

(NEW YORK) Muldoon, 1915, RNY SVC, 136-141.

(PHILA.) Bishop & Dawson, 1914, FHN, 199; 1915, MVB, v. 6 (3), 98-100.

(SENEGAL) Thiroux & Teppaz, 1906a, 265-266; 1906b, 789; 1907a, 345-346; 1907f, 243-244.

(SIERRA LEONE) Yorke & Blacklock, 1915, ATMP, v. 9, 425-427, figs. 1-4.

(U. S. A.) Mink, 1909, USNMB, v. 3, 51.—Smith, C., 1903, 709.—Trickett, 1904a, 83-86, figs. 1-5.

—, horses:

(AUSTRIA) Goldman, 1899, 1385; 1900, 54.

(DEUTSCHLAND) Korbelius, 1899a, 114-121, 185-189.—Rathonyi, 1896a, 655-656; 1897a, 292-293; 1897b, 412.

(EGYPT) Looss, 1911a, 1897, 917; 324.

(FRANCE) Rail., 1897a, 1132-1135; 1899g, 343-346.

(GR. BRIT.) Kenwood in Boycott, 1905, 24.

(HUNGARY) Ratz, 1898b, 879-881; 1898c, 795; 1898d, 298-305; 1898e, 49-61; 1899a, 122-123; 1899b, 44-45.

(ITALY) Aless., 1905, 175.—Pieri, 1905, 1.

(JAPAN) Inouye, 1905, 63.

—, monkeys:

(AUSTRIA) Springer, 1897a, 183-184 (Inuus erythræus).

(DEUTSCHLAND) Linst., 1903o, 526-531, figs. 1-7 (in chimpanzees); 1903p, 787; 1903q, 611.

—, pigs:

(DEUTSCHLAND) Stroese, 1898a, 81-86; 1898b, 129; 1898c, 251-252.

—, sheep:

(BARBADOS) Agric. News, 1913, v. 13, 149; ESR, 1913, v. 29 (3), 287.

—, tigers:

(MÜNCHEN) Kitt, 1915, MpT, v. 26 (7-8), 324-349, figs. 1-16.

Uncinariasis in the army:

- (AFRICA) Knapp, 1917, *MJS Africa*, v. 12, 103.
(FRANCE) Theoris, 1905d, 345-347; 1905e, 1145-1146; 1905f, 428; 1905, *CrSB*, v. 58, 490-491.
(GR. BRIT.) Smith, 1905b, 6-12, 189-205, figs. A-B, 1-20; 335-348, figs. 21-34; 1905c, 1-37.

(ITALY) Bruni, 1911, *Cesalpino*, v. 7, 335-337.

(SIERRA LEONE) Harvey, 1908, *JRAMC*, v. 11, (1), 1-23, figs.

(U. S. A.) Chamberlain, 1909, *MR*, v. 75 (19), 820; 1909, *NYMJ*, v. 89 (18), 927; 1909, *JAMA*, v. 52 (19), 1536; 1911, *CPA*, v. 22 (10), 450-451; 1909, *AIM*, v. 4 (1), 8-20.—Craig, 1903, *AJMS*, v. 126, 798-816; 1903, *JAMA*, v. 41 (22), 1369; 1903, *MR*, v. 64 (24), 939.—Foster & Sinclair, 1917, *JAMA*, v. 69, 431-434 (southern troops on Mexican border).—Siler & Cole, 1917, *MS*, v. 41, 77-99 (Texas, Miss., & Ala. troops).—Stedman, 1909a, 977.—Stiles, 1917, *PHR*, 1299-1301 (1-4).

— in children:

(BUENOS AIRES) Lopez, 1892a, 790-794.

(FRANCE) Arslan, 1892, 555-561; 1893, 352-353.

(ITALY) Baravalle, 1902, *Morgagni*, v. 44, 577-580; 1903, *Progreso med.*, Torino, v. 2, 37.—Cazzolino, 1907, v. 5, 97-127; 1908, 43.—Polatti, 1884a, 266-269; 1884b, 228-230.

(U. S. A.) Brown, 1911-12, *BNCBH*, v. 26, 173-175.—Lemann, 1910, *AIM*, v. 6, 139-146; 1910, *JTMH*, v. 13 (21), 331; 1910, *JAMA*, v. 55 (10), 885.—Scient. Amer., 1915, v. 79, 164-165, figs. 1-2.—Stiles, 1910, *MR*, v. 77 (16), 672; 1910, *PCRW*, 211-215; 1911, *S*, v. 33, 511; 1911, *SMJ*, v. 4 (4), 325-328.

(WASH., D. C.) Adams, 1906, *AP*, v. 23 (4), 241-248, figs. 1-4.

— in coolies:

(ASSAM) Caudle, 1893a, 104.—Thorburn, 1893a, 103.

(CEYLON) Perera, 1915, *IMG*, v. 50, 474 (in Indian coolies).

(INDIA) Dalgetty, 1901b, 73-77; 1902a, 759 (in tea-gardens).—Giles, 1891a, 1-26 (in tea-gardens).—Macaulay, 1912, *Malaya MJ*, v. 10 (1), 1-49 (Tamil coolies).

—, Kala-azar:

(ASSAM) Dobs., 1892a, 51-70.—Evans, 1892a, 330-332, figs. 1-2; 353-354.—Giles, 1890a, 1-156, pls. 1-4; 1892e, 49-51; 1892f, 352; 1892h, 170-173, 193-196; 1898a, 1-4; 1898b, 35-38; 1898c, 861.

—, mode of infection:

(AUSTRALIA) Bancroft, 1902a, 66; 1902b, 973; 1902, *JTM*, v. 5 (8), 131.

(BELGIUM) Fabre, 1904-05, *Cmp*, v. 10, 255-259.

(DEUTSCHLAND) Fülleborn, 1914, *AST*, v. 18, 26-80 (182-236), figs. 1-14, pls. 1-7.—Fülleborn & Schill.-Torgau, 1911, *AST*, v. 15, 569-571; 1911, *JLSTM*, v. 1 (1), 20-21; 1912, *HR*, v. 22 (22), 1465-1466; 1912, *DmW*, v. 38, 1667.—Liefmann, 1905a, 349-363; 1905b, 1302; 1905c, 153-155; 1905d, 775-776; 1905e, 1122; 1905f, 152; 1905g, 789-791; 1906, *CmW*, v. 44 (52), 874; 1906, *HR*, v. 16 (14), 768.—Looss, 1903c, 142.

(GR. BRIT.) Boycott, 1904, *L*, v. 166, 1280.

(INDIA) Giles, 1892, *IMG*, 127.

(ITALY) Pieri, 1902a, 217-220; 1902b, 737-739; 1902c, 646-647; 1902d, 269-273; 1902e, 692; 1903a, 393-397; 1903b, 531-535; 1904a, 135; 1904b, 648-649; 1904c, 221; 1905a, 34.

(JAPAN) Tanaka, 1904a, 937-944.

(N. CAROLINA) Ferrell, 1910, *PGF*, v. 25 (47), 18; (48), 20.

(U. S. A.) Bass, 1910, *Texas MJ*, v. 26, 132-138.—Dead. & Thomps., 1916a, 453.—*JAMA*, 1901, v. 37 (2), 117-118.—Smith, A. J., 1903, *AJMS*.—Smith, C., 1904b, 592-597, figs. 1-2; 1904c, 973; 1904d, 465; 1904e, 1450; 1905a, 147-148; 1905c, 1142-1145, figs. 1-4; 1905d, 388; 1905e, 876; 1905f, 198; 1905g, 667; 1905k, 335; 1905l, 339-340.

—, oral:

(BELGIUM) Lambinet, 1905d, 56-75; 1905e, 242-243; 1905f, 345-346; 1905g, 461-463; 1905h, 57; 1905i, 502; 1905k, 68.

(JAPAN) Miyagawa, 1913, *CfB*, v. 68, 201-204.

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- (AUSTRIA) Goldman, 1904, WmW, v. 55, 82-85; 1904, v. 3 (10), 1-6.
 (BELGIUM) Herman, 1905, BARm, v. 19, 181-195, pls. 1-5; 1905, v. 10, 263; 1908, v. 4, 313-315.—Lambinet, 1904b, 1848; 1905a, 174; 1905b, 261; 1905c, 59; 1905d, 56-75; 1905e, 242-243; 1905f, 345-346; 1905g, 461-463; 1905h, 57; 1905i, 502; 1905k, 68; 1905l, 294-295; 1905, AST, v. 9 (11), 522; 1905, HR, v. 15 (24), 1252; 1905, BARm, v. 19, 762-774, pl. 1; 1906, Pm, v. 14 (17), 132; 1906, CmW, v. 44 (6), 107; 1906, CPPS, v. 7, v. 1 (14), 555.
 (BOCHUM) Tenholt, 1903c, 563-564, 693; 1903d, 737-738; 1903f, 956; 1905c, 91; 1905d, 335.
 (BRAZIL) Austregesilo, 1903, Bm, v. 17, 447; 1904-05, GmB, v. 36, 481-493; 1905, Bm, v. 19, 111-116; 1906, v. 14, 262-268; 1914, AbM, v. 4 (1-2), 27-33.—Menezes, 1904a, 47-50.
 (CAIRO) Sandwith, 1901a, 690-691; 1901b, 319-321; 1901c, 257-258; 1901d, 548; 1902b, 380-381; 1903a, 340; 1903b, 14; 1905c, 255; 1910, L, v. 178, 1412.
 (DEUTSCHLAND) Bruns, 1903, MmW, v. 50, 474-476; 1903, DmW, v. 29 (14), 83; 1903, MmW, v. 50 (16), 693; 1903, PMJ, v. 11 (22), 889; 1903, FM, v. 21 (25), 847-848; 1903, CfB, v. 33 (23), 737-738; 1903, HR, v. 13 (24), 1244 (danger of trench-digging).—Bruns & Müell., 1905, MmW, v. 52, 1484-1487; 1905, AST, v. 9 (12), 564; 1906, CmW, v. 44 (12), 201; 1906, FH, v. 4 (8), 191-192; 1907, HR, v. 17 (1), 25.—Looss, 1901h, 733-739; 1901i, 237-238; 1901k, 84; 1904d, 602-605; 1905b, 41-83; 1906, MmW, v. 33 (3), 132; 1906, DmW, v. 32 (1), 34; 1906, CPPS, v. 7, v. 1 (9), 284-285; 1906, BIP, v. 4 (16), 693-694; 1906, CPA, v. 17 (20), 833; 1906, JTM, v. 9 (21), 340.—Lüthe, 1907, SpœG, v. 47, 97-103.
 (FRANCE) Dubreuth, 1905, Pm, 2438.
 (GR. BRIT.) Boycott, 1905, CPLIPM, 280-284, fig. 1.
 (ITALY) Frassi, 1906, Cs, v. 17, 1078.—Pieri, 1905b, 547-554; 1906a, 29; 1906c, 147; 1906e, 95; 1907a, 154; 1907b, 12.
 (JAPAN) Tsuchiya & Miyagawa, 1912, MmGT, v. 26 (24), 29-40; 1913, CfB, v. 58 (10), 298.
 (PORTO RICO) Ashford & King, 1907, BMSJ, v. 156, 415-421, figs. 1-3.—Martinez Rossello, 1906, BAmPR, v. 4, 84-86.
 (SUMATRA) Schüeffner, 1905a, 2099-2100; 1905b, 1744; 1906b, 51-52; 1906c, 683-693, figs. 1-4; 1906d, 364-365; 1906e, 694-695; 1906f, 546; 1906g, 339; 1907h, 1010-1011.
 (U. S. A.) Delcourt, 1910, NOMSJ, v. 63, 255-261.
- , —, water:
- (BRAZIL) Wucherer, 1868, 230.
 (CAIRO, EGYPT) Looss, 1905, 129.
 (INDIA) Forbes, 1892, 94.—Kynsey, 1893, 165.
- mortality:
- (U. S. A.) Dead. & Thomps., 1916a, 474.
- pathogenesis:
- (DEUTSCHLAND) Katz, 1889a, 102-111, pl. 1.
 (ITALY) Aless., 1904, Pol., v. 11 (12), 541-549, figs. 1-2.—Aporti, 1897, AiCm, v. 36, 207-223.—Berti, 1906, GdO, v. 27, 402-405.—Caracciolo, 1910, Cmi, v. 49, 588-614; 1911, Cmi, v. 1, 65-82; 1912, BIP, v. 10 (4), 180.—Crisafulli, 1902-03, v. 4, 33.—Frugoni, 1905, RcCm, v. 11, 300-302.—Gabbi, 1903a, 673-679; 1903b, 175; 1903c, 623-624.—Lussana, 1890a, 759-776.—Maniz, 1914, Pol., v. 21, 1001-1006.—Marini, 1-117.—Siccardi, 1910, AP, 555-582; 1910, BkW, v. 47 (25), 1187.
 (U. S. A.) Dead. & Thomp., 1916a, 458.
- pathology:
- (AUSTRIA) Nieden, 1897a, 1094-1098; 1898a, 60-68; 1903a, 181-182; 1903b, 207-209; 1903, DmW, v. 39, 353 (eyes).
 (BELGIUM) Fabre, 1882a, 629-630; 1883a, 1-48, pl. 1.
 (BRIT. GUIANA) Kennard, 1902b, 61-63; 1902c, 289-290; 1904b, 356-357 (intestinal tract, catarrhal condition).
 (DEUTSCHLAND) Hirsch, 1864a, in 1-668; 1883b, in 1-467; 1885a, in 1-681; 1888a, in 1-467.
 (FRANCE) Parisot & Fairise, 1913, AMCVS, v. 6 (7), 433-496.

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- (LONDON) Ferguson, 1914, L, v. 187, v. 2 (2), 85.
 (NASHVILLE, TENN.) Evans, 1910, JAMA, v. 54 (5), 394-395; 1910, MR, v. 77 (8), 336; 1910, NYMJ, v. 91 (7), 356-357; 1910, SMJ, v. 3, 103-108; 1910, IMJ, v. 17, 167-174; 1910-11, JYMA, v. 3, 37-43.
 (N. CAROLINA) Nicholson & Rankin, 1904a, 978-987; 1904b, 1045; 1904c, 1724, 1904d, 869.
 (SWITZ.) Monighetti, 1881a, 1-50.
 (TEXAS) Johnson, 1913, TSJM, v. 8 (11).
 (TRINIDAD) Rake, 1891, TPSL, v. 42, 135-136 (intestine and liver).
 (U. S. A.) Fitch, 1904, SM, v. 11, 274-284; 1905, RMCH, v. 10 (2).—Dead., 1910, JAMS, v. 7 (5), 129-131.—Dead. & Thomps., 1916a, 460.

— prevalence:

- (AMERICA) AM, 1909, v. 15 (10), v. 4 (10), 497-498.
 (CALCUTTA) Rogers, 1900c, 472.
 (INDIA) Baker, 1888a, 353-355 (connection with jail debility).—Rogers, 1900a, 128-129.
 (MADRAS PRESIDENCY) Mhaskar, 1917, IJMR, v. 4, 771-785.
 (ST. LUCIA) Galgey, 1897, BMJ, v. 1, 200-202.
 (U. S. A.) Clemow, 1903, MR, v. 64 (9), 339-340.—Gage & Bass, 1910, 306.—RSCEHD repts. publications and Reports of State Boards of Health.
 (VIRGINIA) Freeman, 1911, VMSM, v. 16 (3), 57-61.—Waddell, 1910a, 546-549.

—, prevention, prophylaxis, etc.:

- (AUSTRIA) Goldman, 1905, WmW, v. 55, 471-474.
 (BELGIUM) Fabre, 1904, BAM, v. 51, 312-335; 1905, ASmCA, v. 10, 41.—Herman, 1900a, 269-272, 273, figs. 1-10.—Lambinet, 1903c, 534-544; 1903d, 1-11; 1903e, 442-443; 1904a, 40-41.—Van Ermengen, 1899, RH, v. 21 (10), 881-891.—Vaucleroy, 1899a, 515-521.
 (BRAZIL) Mendonça, 1904a, 258-259.—Paranhos, 1904a, 255-257.
 (CALIFORNIA) Cumming & White, 1916, Bull. 12, BCD, CSBH, 1-7, figs. i-vi.
 (CREMONA) Conti, 1908, v. 2, 901-906.
 (DEUTSCHLAND) Bruns, 1904, KJ, v. 12 (1), 1-28; 1908, v. 2, 897-900.—Bruns, Liefmann, & Maeckel, 1905, MmW, 253; 1906, HR, v. 16 (14), 768-769.
 (FRANCE) Calmette, Francis, & Breton, 1905, v. 54, 157-160; 1905, v. 27 (12), 1144-1145; 1905, v. (30), 355; 1905, July 25, 1-4; 1905, July 26, 472; 1905, Sept. 5, 1752; 1905, Oct. 15, 806-807; 1906, v. 39 (4-5), 160; 1906, v. 17 (7), 268.
 (GLASGOW) Court, 1903, BMJ, v. 2, 1290-1291.
 (GR. BRIT.) Baker, 1903, RH, v. 26 (2), 186-188.—Boycott & Haldane, 1904, JH Camb., v. 4 (1), 73-111; 1904, DmW, v. 30 (14), 515; 1904, BIP, v. 2 (8), 364; 1904, AM, v. 7 (22), 840-841.—Charles, 1908, BMJ, v. 175, v. 2 (10), 741.—Mans., 1904q, 1246; 1904r, 829.—Oliver, 1910, BMJ, v. 2, 888.—Perry, 1910, BMJ, v. 2, 995.—Sambon, 1908q, 740-741.—Sandwith, 1894, L, v. 1, 1367.—Sergeant, 1905a, 273.
 (INDIA) Dalgetty, 1905, BMJ, v. 1, 17.
 (ITALY) Sp, 1891, v. 4, 193-200.
 (JAPAN) Takeo, 1894, RKKZ, (66), 7-25, pl. 1.
 (LIÈGE) BOiHp, 1909, v. 1, 195-205.
 (LOND.) May, 1908, L, v. 175, 740-741; 1908, JTMH, v. 11 (17), 272; 1908, BMJ, v. 2 (10), 740.
 (PARIS) François, 1906, 1-122.
 (PORTO RICO) Ashford, 1907, MS, v. 20 (1), 40-55.
 (ST. LOUIS, MO.) Dock, 1910, GSJMS, v. 17, 28-30.—Dock & Bass, 1910, 9-250, figs. 1-49; 1914, AdP, v. 16 (3), 461-463.
 (SCOTLAND) Stockman, 1903c, 1290-1291.
 (U. S. A.) Arnold, 1911, MR, v. 79 (12), 534.—Dead. & Thomps., 1916a, 480.—Rittenhouse, 1910, JAMA, v. 54 (5), 392-394.—Smith, 1910, MR, v. 77, 1071-1072.—Winckel, 1917, NTG, v. 1, 1034-1038.

Uncinariasis, prevention, prophylaxis, etc.—Continued.

- (VIRGINIA) Freeman, 1911, VMSM, v. 16 (3), 57-61.
 (WASH., D. C.) Stiles, 1909, PFG, v. 24 (26), 12, fig. 1; 1910, PHB, (32), 1-40, figs. 1-29.
- , prevention, chlorure de sodium:
 (LIÈGE) Lambinet, 1906, BARm, v. 20 (4), 345-348, 417-431; 1907, HC, v. 2 (13), 407.
- , —, salt water:
 (FRANCE) Acloque, 1905, Cosmos, v. 53, 401-403, figs. 1-3.—Manouvriez, 1905a, 1-25; 1905b, 806-807; 1905c, 3119; 1905d, 514-531; 1905e, 1462; 1905f, 343; 1905g, 139; 1905h, 1418.
- , —, salt, marine:
 (FRANCE) Calmette & Breton, 1905, BAM, v. 54, 157-160; 1905, RH, v. 27 (12), 1144-1145; 1905 (30), 355; 1906, CPA, v. 17 (7), 268; 1906, v. 39 (4-5), 160.
- prognosis:
 (U. S. A.) Dead. & Thomps., 1916a, 478.
- , proportion white, and colored races:
 (DEUTSCHLAND) Zinn & Jacoby, 1896a, 797-801; 1896b, 1-13; 1897a, 215-216.
 (U. S. A.) Burdell, 1910, JAMA, v. 54 (22), 1816-1817; 1910, JSCMA, v. 10, 326-328.—Smith, A. J., 1903, AJMS, 17.—Stiles, 1909k, 1083-1089; 1909l, 1-10; 1909m, 200-204; 1909n, 482-486; 1909o, 647-652; 1909p, 60-65; 1909w, 1-18, figs. 1-10; 1909x, 17-32, figs. 1-10; 1909y, 509; 1909bb, 608-609; 1909cc, 1308.—Strosnider, 1911, HBUM, v. 7, 192; 1911, BNCBH, v. 26, 167-169.
- sanitation:
 (ARKANSAS) Runyan, Smith, & Garrison, 1913, 1-24, figs. 1-17.
 (ATLANTA, GA.) Fort, 1915, AJPH, v. 5 (10), 1038-1043.
 (EGYPT) Charles, 1908, JTMH, v. 11 (17), 274.
 (FLORIDA) Dobbs, 1914, BFSBH, (118), 1-13, pl. 1 fig. 1 (soil pollution).
 (FRANCE) Fabre, 1881a, 1-23; 1881b, 189-191 (mines).
 (GR. BRIT.) Nuttall, Bidd., etc., 1904, (cf. 1905a) Comm. Rep., 3, 5 (mines).—Shufflebotham, 1908, JRIPH, v. 16 (11), 675-682 (mines).
 (INDIA) Giles, 1891a, 1-26 (tea gardens).
 (N. CAROLINA) BNCBH, 1910, v. 25 (9), 426-427 (schools); 1911, v. 26 (5), 156.—Lay, 1910, BNCBH, v. 25 (9), 424-426, figs. 1-2.—Frigden, 1911, BNCBH, v. 26 (5), 169-171, fig. 1.—Rose, 1913, AJPH, v. 3, 655.
 (PARIS) Fillassier, 1906, 1-106, pl. 1.
 (PHILIPPINES) Heiser, 1909, JAMA, v. 52 (2), 97-99.
 (TROPICS) Manson, 1908, BMJ, v. 2, 337-338; 1908, MR, v. 74 (9), 378-379; 1908, JTMH, v. 11 (18), 271; 1908, BMJ, v. 2 (10), 739; 1908, MmW, v. 55 (37), 1957.—Manson, Law, & Turner, 1908, BMJ, v. 2, 1347-1354.
 (U. S. A.) Stiles, 1907, 1-8 (soil pollution); 1908f, 758; 1908i, 193-203; 1908k, 1-11; 1908l, 484-490; 1909d, 1-12, figs. 1-3 (soil pollution); 1909z, 1445-1447; 1909aa, 1-8, figs. 1-3; 1909d, 347; 1915, NYMJ, v. 102 (18), 906-907 (schools).
 (WESTPHALIA) Müell., 1910, 178; 1910, BOiHp, v. 2 (11), 1979.
- spread:
 (AUSTRIA) Goldmann, 1899, MN, v. 74, 774-775.
 (GR. BRIT.) Hendley, 1903a, 1393-1394; 1903b, 302.—Nuttall, Bidd., etc., 1904, 1-6.—Nuttall, etc., 1905a, 292-296.
- symptoms:
 (ARKANSAS) McGill, 1910, JAMS, v. 7 (5), 131-134.
 (DEUTSCHLAND) Wasielewski, 1913, HdH, v. 3 (3), 75, 87, 310.
 (FRANCE) Dopter, 1904, GdH, v. 77, 817.
 (JAPAN) Hara, 1903a, 29-33; 1904a, 460.
 (MEMPHIS, TENN.) Leroy, 1910, JTMA, v. 3 (2), 36-37.
 (NEW YORK) Connellan, 1911, MA, v. 13, 275-277.
 (N. CAROLINA) BNCBH, 1910, v. 25 (9), 463-464.—Nicholson & Rankin, 1904a, 978-987; 1904b, 1045; 1904c, 1724; 1904d, 869.

Uncinariasis symptoms—Continued.

- (ST. LOUIS) Bass, 1910, NOMSJ, v. 63, 250-254.—Dock, 1910, NYMJ, v. 91 (7), 357; 1910, MR, v. 77 (8), 336; 1910, JAMA, v. 54 (6), 484; 1910, Interstate MJ, v. 17, 163-166.
- (TEXAS) Judkins, 1913, TSJM, v. 9 (4), 134-136; 1913, TDB, v. 2 (8), 413-414.
- (U. S. A.) Dead. & Thomps., 1916a, 462.—Harris, 1902a, 99-100; 1902b, 144-145; 1902c, 110; 1902d, 220-227, 232-236; 1902, JTM, v. 5, 339.—Stiles, 1909g, (24), 3, 13, figs. 1-7; (25), 13; (26), 12, fig. 1; 1909h, (42), 2, 15, figs. 1-7; (43), 13; (44), 13, fig. 1.
- (VIRGINIA) Perkins, 1910, VMSM, v. 15 (16), 368-371.
- , atrophy of skin:
(W. INDIES) Duprey, 1902a, 267-268; 1902c, 701-702.
- , circulatory system:
(GR. BRIT.) Abd el Aziz Ismail, 1915, L, v. 188, v. 1 (23), 1175-1177.
- , feces:
(ITALY) Siccardi, 1909, R, v. 3, 477 (Charcot's crystals).
- (U. S. A.) Dead. & Thomps., 1916a, 467, 473.
- , fever:
(GR. BRIT.) Cast., 1910, JTMH, v. 13 (17), 255-258, tables 1-5.
- (ITALY) Bianchini, 1909, R, v. 3, 461-474.—Gabbi, 1905, Rm, v. 21, 869-873; 1906, CfB, v. 37 (23-25), 749-750; 1906, JTM, v. 9 (4), 58; 1909, R, v. 3, 145-160.
- , generative system:
(U. S. A.) Dead. & Thomps., 1916a, 470.
- , intestines:
(ITALY) Morelli, 1878a, 33.
- (U. S. A.) Dead. & Thomps., 1916a, 460.
- , nervous system:
(DEUTSCHLAND) Looss, 1914, HdT, v. 2, 390.
- (ITALY) Signorelli, 1909a, 549-551; 1909b, 1966.
- (PORTO RICO) Ashford & King, 1903, AM, v. 6, 392.
- , heart:
(U. S. A.) Dead. & Thomps., 1916a, 467.
- , teeth:
(LOND.) Cobbold, 1864b, 361.
- , temperature:
(ALABAMA) Toole, 1905, AMJ, v. 18, 9-12.
- (CAIRO) Looss, 1905, 120.—Sandwith, 1894, L, v. 1, 1364.
- (CEYLON) Kynsey, 1893, IMG, 164.
- (DEUTSCHLAND) Leichtenstern, 1885, 485.
- (INDIA) Giles, 1892h, 195.
- (ITALY) Cammarata, 1914, v. 5, 179-183; 1915, AST, v. 19 (23), 635.
- (U. S. A.) Stiles, 1903l, 10.
- (MISCELLANEOUS) Vaz, 1879, 887.
- , tongue:
(BRAZIL) Wucherer, 1866, 39.
- (BRIT. GUIANA) Delamere, 1902a, 183-184, figs. 1-18; 1902b, 68; 1902c, 171; 1902d, 64-67; 1902e; 1902f, 1006; 1902, AST, v. 6 (9), 328-329 (peculiar markings).
- (CAIRO) Sandwith, 1894, L, v. 1, 1364; 1904f, 247; 1905a, 182 (peculiar markings).
- (CEYLON) Kynsey, 1893, IMG, 164.
- (INDIA) Thornhill, 1895, IMG, v. 30, 382.
- (W. INDIES) Duprey, 1902a, 267-268; 1902b, 591 (markings).—Leonard, 1904a, 317 (markings).
- (MISCELLANEOUS) Vaz, 1879, 881.

Uncinariasis symptoms, ulcerations:

(MISCELLANEOUS) Vaz, 1879, 883.

—, urine:

(BRAZIL) Riedel, 1914, AbM, v. 4 (1-2), 121-124.—Wucherer, 1866, 39.

(CAIRO) Sandwith, 1894, L, v. 1, 1364.

(DEUTSCHLAND) Zinn & Jacoby, 1898, 16.

(FRANCE) Fonssagrives & Méricourt, 1864, 369.

(INDIA) Williams, 1892, IMG, 207.

(ITALY) Grassi & Par., 1879, 419.

(U. S. A.) Craig, 1903, AJMS, v. 126, 808.—Dead. & Thomps., 1916a, 470.

(WIEN) Atlas, 1894b, 497.

—, visual disturbances:

(ALABAMA) Toole, 1905, AMJ, v. 18, 9-12.

(U. S. A.) Dead. & Thomps., 1916a, 471.

— toxic substances, toxicity, toxemia:

(BELGIUM) Lambinet, 1905d, 14, 44.

(DEUTSCHLAND) Liefmann, 1905a, 349-363; 1905b, 1302; 1905c, 153-155; 1905d, 775-776; 1905e, 1122; 1905f, 152; 1905g, 789-791; 1906, CmW, v. 44 (52), 874; 1906, HR, v. 16 (14), 768.

(FRANCE) Weinberg, 1908g, 25-27; 1908h, 39; 1908i, 228-229; 1908k, 318; 1908l, 534.

(GR. BRIT.) Mans., 1903, TD, 3ed., 651, 655.

(ITALY) Aporti, 1897, AiCm, v. 36, 207-223.—Cao, 1901a, 795-799, 810-814, 821-825; 1901b, 593-595; 1902a, 390.

(PORTO RICO) Ashford & King, 1903, AM, v. 6, 392.

(TEXAS) Smith, A. J., 1903, AJMS, 21.

(TRINIDAD) Rake, 1894a, 107-109 (% of iron in liver).

— treatment:

(ASSAM) Banerji, 1893, SRPA, 101-102.—Giles, 1892h, 196.

(ATLANTA, GA.) Harris, 1910, JAMA, v. 54 (6), 485; 1910, MR, v. 77 (8), 336-337; 1910, TG, v. 34, v. 26 (6), 411-412; 1910, NYMJ, v. 91 (7), 357.

(AUSTRALIA) Turner, 1896a, 65-70.

(AUSTRIA) Goldman, 1903a, 97-101; 1903d, 559-560; 1904a, 9; 1906, WkW, v. 19, 1090-1095.

(BOCHUM) Tenholt, 1906d, 1-22; 1906e, 64.

(BONN) Hüttenhain, 1890a, 1-61.

(BOSTON) BMSJ, 1911, v. 165 (25), 961.

(BRAZIL) Ferrari, 1906, GmCR, v. 11 (1), 19.—Havelburg, 1895a, 11-14.—Luz, 1882b, 359-386.—Queiros Mattoso, 1906a, 48-64.

(BRIT. GUIANA) Ozzard, 1915, JTMH, v. 18 (8), 93-94.

(CEYLON) Kynsey, 1893, IMG, 165.

(CHICAGO) Billings & Hickey, 1916, JAMA, v. 67 (26), 1908-1912, figs. 1-4.—JAMA, 1904, v. 43 (5), 308.—Mix, 1916, MC, v. 1 (6), 1193-1198.—Neighbor, 1916, Am. Field, 85 (7), 200.

(DEUTSCHLAND) Dieminger, 1907, KJ, v. 17 (3); 1908, CPA, v. 19 (12), 519; 1908, HC, v. 3 (22-23), 710.—Liefmann, 1906, HR, v. 16 (14), 768; —?, ZH, v. 50, 349; 1906, v. 44 (52), 874.—Liermberger, 1905a, 387-394; 1905b, 1720; 1905c, 465-466; 1905d, 396; 1905e, 16.—Looss, 1914, HdT, v. 2, 410.—Nagel, 1903a, 545-546; 1903b, 1397; 1903c, 694; 1903d, 347; 1904a, 394-395; 1904b, 187; 1904c, 634; 1904d, 245; 1904e, 64.—Neum., 1905a, 1060.

(FLORIDA) FHN, 1908, v. 3 (10), 244; 1910, v. 5 (10), 154-156.—Kinyoun, 1907, (5), 125.—Lindemann, 1910, JAMA, v. 54 (22), 1765-1768; 1910, NYMJ, v. 91 (23), 1181-1182.—McSwain, 1910, JAMA, v. 54 (21), 1716-1717.

(FRANCE) Genoui, 1905, J. Méd. prat. Lyon; 1905, Rev. int. Méd. Chir., Par., v. 16, 457-458.—Poitou, 1909, JSmL, v. 1, 14-18.

(FREIBURG) Baumler, 1881b, 481-485.

(GOLDSBORO, N. C.) Wagoner, 1911, BNCBH, v. 26 (5), 178.

Uncinariasis treatment—Continued.

- (GR. BRIT.) Salter, 1903a.—Whyte, 1916, *ATMP*, v. 10 (1), 79–84.
- (GULF STATES) Perry, 1910, *GSJMS*, v. 16, 98–102.
- (HOT SPRINGS, ARK.) Dead., 1915, *IC*, v. 4, 96–112.
- (INDIA) Lane, 1915, *IMG*, v. 50 (7), 241–245; 1915, 1–15.—Thornhill, 1895, *IMG*, v. 30, 344.
- (ITALY) Berti, 1906, *GdO*, v. 27, 209–212; 1906, *NYMJ*, v. 83 (13), 678; 1906, *JAMA*, v. 47 (7), 546.—Bianchi, 1881a, 598–614.—Norsa, 1904a, 959–962; 1904b, 1670; 1904c, 1445; 1904d, 754.—Par., E., 1885a, 1–46.
- (JAPAN) Murayama, 1906, *CZ*, 569.—Nakashiku & Kurogawa, 1903a, 260–267.—Omura, 1897a, 1–8.—Takeo, 1894, *RKKZ*, (66), 7–25, pl. 1.
- (JAVA) Wijn, 1909, *GTNI*, v. 49; 1910, *AST*, v. 14 (19), 627–628; 1911, *NYMJ*, v. 93 (10), 476; 1911, *MS*, v. 28 (3), 340.
- (LIÈGE) Herman, 1902–03, *Scalpel*, v. 55, 1–15; 1904, *Scalpel*, (3), 18–19.
- (LOND.) Day, 1914, *L*, v. 187, v. 2 (2), 82–87.—Keith, 1913, *L*, v. 185, v. 2 (16), 1117–1118; 1916, *JTMH*, v. 19 (11), 130–131.—Nicol, 1912, *JTMH*, 1–5.—Sandwith, 1894, *L*, v. 1, 1366.
- (MISSOURI) Thornburgh, 1917, *JMSMA*, Feb.; 1917, *NYMJ*, v. 105 (8), 376.
- (MOBILE, ALA.) Howell, 1908, *MMSJ*, v. 13, 138–143.
- (NEW ORLEANS) Sistrunk, 1910, *NOMSJ*, v. 63, 261–270.
- (NEW YORK) Connellan, 1911, *MA*, v. 13, 275–277.—Weber, 1910a, 159–163.
- (N. CAROLINA) Ferrell, 1910, *BNCBH*, v. 25 (9), 423; 1914, *BFSBH*, (127), 1–30, figs. 1–17.—Haywood, 1911–12, *BNCBH*, v. 26, 175–178.—Nicholson & Rankin, 1904a, 978–987; 1904b, 1045; 1904c, 1724; 1904d, 869.
- (PADUA) Siccardi, 1909, v. 3, 482.
- (PARIS) Calmette, 1905, in 1–246, figs. 1–25.
- (PHILA.) Dead., 1915, *IC*, v. 4, 96–111.—Ehrhardt, 1910, *MC*, v. 15, 398.
- (PISOGNE) Maj., 1882a, 225–227.
- (PORTO RICO) Ashford, 1910, *BNCBH*, v. 25, 11–15; v. 25 (9), 415–419; 1913, *LC*, v. 3, 28–41.—Ashford & King, 1907, *JAMA*, v. 49 (6), 471–476; 1908, *CfB*, v. 41 (19–21), 666–667.—A., K., & G., 1904, 1–120, pls. 1–4; 1905, *Med.*, v. 11 (7), 520–522.—Gutierrez, Gonzalez & Sein, 1907, 23, 34.—Patterson, 1908a, 243–246.
- (RALEIGH, N. C.) Haywood, 1911, *BNCBH*, v. 26 (5), 175–178.
- (RIO DE JANEIRO) de Almeida, 1914, *AbM*, v. 4 (1), 147–149.—Romeiro, 1914, *AbM*, v. 4 (1–2), 139–146.
- (ST. LOUIS) Dock & Bass, 1910, 9–250, figs. 1–49; 1914, *AdP*, v. 16 (3), 461–463.
- (ST. VINCENT, W. I.) Branch, 1904, *BMJ*, v. 1, 545; 1904, *MR*, v. 65 (12), 468; 1904, *JTM*, v. 7 (8), 128; 1904, *MN*, v. 84 (16), 750.
- (SCOTLAND) Stockman, 1904a, 1014; 1904b, 862.
- (TENNESSEE) West, 1910, *BSBHT*, 1–36, figs.; 1910, *ibid.*, 157–192, figs. 1–8.
- (TORINO) Bozzolo, 1882a, 1–3, 9–10.—Fenoglio, 1882a, 1–48; 1884a.—Perronc., 1880n, 389–392; 1880o, 361; 1880r, 824–828; 1881b, 8–10; 1913, *GrAM*, v. 145, v. 19 (2), 57–61; 1913, *AAA*, v. 56, 212–217; 1913, *BAM*, v. 77 (23), 581–595; 1914, *AAA*, v. 56, 347–356.
- (U. S. A.) Burnett, 1913, *KMJ*, v. 11 (16), 744; 1913, *MSMSJ*, v. 12 (9).—Dead. & Thomps., 1916a, 487.—Fitch, 1904, *SM*, v. 11, 274–284; 1905, *RMCH*, v. 10 (2).—Holt, 1909, *PFG*, v. 24 (27), 12.—Stewart, 1910, *JAMS*, Oct.—Strosnider, 1911, *JAMA*, v. 56 (14), 1024–1027.
- (VENEZUELA) Mouat-Biggs, 1914–15, *TSTMH*, v. 8, 216–218; 1915, *JTMH*, v. 18 (15), 178–179; 1915, *TDB*, v. 6 (6), 302.
- (VICKSBURG, MISS.) Leathers, 1913, *TMMA*, v. 46, 208–215.
- (VIRGINIA) Perkins, 1910, *VMSM*, v. 15 (16), 368–371.
- (WASH., D. C.) Claytor, 1903, *MR*, v. 63 (19), 757; 1903, *AM*, v. 5 (20), 772; 1903, *MN*, v. 82 (21), 994–996; 1903, *JAMA*, v. 41 (5), 308–314; 1903, *MR*, v. 64 (6), 227; 1904, *CfB*, v. 34 (14–15), 477–478.—Leys, 1912, *USNMB*, v. 6 (4), 552–555.—Stiles, 1909g, 1191–1193; 1909r, 1–5; 1909s, 657; 1909t, 477–478; 1909u, 1307; 1909v, 4–7; 1910, *PHB*, (32), 1–40, figs. 1–29.—Stiles & Leonard, 1911, *BMSJ*, v. 165 (25), 961.
- (MISCELLANEOUS) Castellvi, 1907, 517; 1908, 585.

Uncinariasis treatment, aloes:

- (GR. BRIT.) Fagge & Pye-Smith, 1902a, 467.
- , areca nut, powdered:
- (INDIA) Bentley, 1904, IMG, v. 39 (4), 135-136.
- , asafoetida:
- (GR. BRIT.) Fagge & Pye-Smith, 1902a, 467.
- , autogenous vaccine of a coliform organism:
- (GR. BRIT.) Archibald, 1913, JTMH, v. 16 (17), 260-262, charts 1-2.
- , Beta-naphthol:
- (CAIRO) Sandwith, 1908d, 741.
- (GR. BRIT.) Nicol, 1911, JTMH, 51, 52; 1912, 1-5.
- (INDIA) Corteling, 1916, IMG, v. 51 (3), 98-99; 1916, TDB, v. 8 (3), 197.—Orme, 1915, IMG, v. 50 (6), 207-208; 1915, BMJ, v. 2, 176-177; 1915, JTMH, v. 18 (16), 188-189; 1915, NYMJ, v. 102 (5), 263 (poisoning following treatment).
- (PORTO RICO) Gutierrez, Gonzales & Sein, 1907, 29, 33.
- , calomel:
- (CEYLON) Gratiaen, 1888a, 135.—Kynsey, 1893, 165.
- (SWITZ.) Bugnion, 1881c, 382.
- , castor oil:
- (WIEN) Atlas, 1894b, 497-498.
- , Doliarina:
- (DEUTSCHLAND) Bäumler, 1885a, 3-7.—Leichenstern, 1885, 525.
- (FRANCE) Ficoine, 1881, Paris Méd., v. 6, 233.—Ricklin, 1881b, 381-382.
- (GR. BRIT.) BMJ, 1885, 118.
- (ITALY) Bozzolo, 1881a, 17-19; 1881b, 10-12; 1881c, 673-675; 1881d, 71.
- , eucalyptus oil:
- (BELGIUM) Herman, 1905, BARm, v. 19, 192-199; 1905, JmB, v. 10, 263 (with chloroform and castor oil).
- (EGYPT) Phillips, 1905b, 341-343; 1906a, 285-286; 1906b, 75; 1906c, 689; 1906d, 275; 1906e, 314; 1906f, 417; 1906g, 392-393; 1906, AST, v. 10 (3), 256; (23), 761; 1907a, 800.
- (FRANCE) Brimont, 1910, AHMc, v. 13, 335-338 (eucalyptol) 1910, BOiHp, v. 2 (8), 1297; 1910, Pm, v. 18 (85), 800; 1910, BIP, v. 8 (20), 909.
- (DEUTSCHLAND) Greisert, 1913, AST, v. 17, 765-782.
- (GR. BRIT.) Nicol, 1912, JTMH, 1-5.
- (ITALY) Borini, 1911, Pol., v. 17 (29), 913; 1912, AST, v. 16 (1), 21.
- (JAVA) Wijn, 1910a, 178-179; 1910b, 1021-1022.
- , eucalyptus oil, chloroform & castor oil:
- (PORTO RICO) Gutierrez, Gonzalez & Sein, 1907, 55.
- , extract of pomegranate root:
- (JAPAN) Kashimura, 1893a, 1-3.
- , Gammeleira or Ficus dolearis:
- (AUSTRALIA) Hogg, 1889, AMG, 134.
- , iron, quinine & thymol:
- (ASSAM) Shand, 1893a, 104.
- , latex d'higueron: Berrio, 1912, SMHt, 31 Oct.; 1912, Pm, v. 20 (96), 979.
- , kamala:
- (ITALY) Grassi & Par., 1879, 420.
- , male fern:
- (AUSTRIA) Hofbauer, 1901a, 2094; 1902a, 813.
- (CEYLON) Kynsey, 1893, 165.
- (DEUTSCHLAND) Brandenburg, 1908, MK (10); 1908, DmW, v. 34 (24), 1072.—Bruns, 1911, CfB, 178-179; 1911, 397.—Eich, 1891a, 966-971.—Greisert, 1913, AST, v. 17, 765-782.—Hackl, 1904a, 346-347; 1904b, 433; 1904c, 469; 1904d, 438.—Looss, 1914, HdT, v. 2, 411.
- (INDIA) Thornhill, 1895, IMG, v. 30, 344 (with thymol), 382.

Uncinariasis treatment, male fern—Continued.

- (ITALY) Audenino, 1881b, 778-782.—Grassi & Par., 1879, 420.—Maj, 1881c, 361-362.—Mori, 1895a, 594-598.—Par., E, 1881a, 72-91; 1881b, 49-55; 1881c, 107-108; 1881d, 448; 1881e, 1-22; 1882c, 353-355; 1882d, 554-560; 1889a, 10, 11, 12.—Polètti, 1881a, 312-314.—Tosatto, 1881a, 127-130; 1883d, 12-33.
- (LOND.) BMJ, 1885, 118.—Mans., 1903, 657; 1901, 549-550.—Nattan-Larrier, 1908, JTMH, v. 11 (17), 272.—Sandwith, 1894, v. 1, 1366.
- (SWITZ.) Bugnion, 1881c, 382.
- (TORINO) Perronc., 1880u, 801-804; 1880v, 278; 1880w, 351; 1880, 827-828; 1881g, 71; 1881m, 170-174; 1881n, 6; 1881p, 163-168.
- (WASH., D. C.) Stiles, 1903l, 10, 86.
- , Malvoz Lambinet method:
- (FRANCE) Fabre, 1905, Lm, v. 24, 131-138.
- , naphthol:
- (DEUTSCHLAND) Greisert, 1913, AST, v. 17, 765-782.
- , oil of chenopodium:
- (CHICAGO) Bishop & Brosius, 1915, JAMA, v. 65 (19), 1610-1613.
- (DUTCH E. INDIES) Tijssen, 1915, GTNI, v. 55 (4), 450-457; 1916, TDB, v. 8 (8), 517.
- (NEW YORK) Coutant, 1916, JAMA, v. 67 (22), 1599-1600 (poisoning).
- (SUMATRA) Schüeffner, 1913, MmW, v. 60, 129-131; 1913, ICHD, v. 1 (2), 734-739.—Vervoort, 1913, GTNI, v. 53 (3), 435-445; 1914, TDB, v. 3 (6), 279.
- (U. S. A.) Levy, 1914, BJHH, v. 25, 160.
- (WASH., D. C.) Motter, 1914, PHR, v. 29, 2651-2653.
- (WILMINGTON, N. C.) Elmendorf, 1916, VMSM, v. 20 (22), 552-554.—Schmitt & Belden, 1916, CMJ, v. 73, 118-122.—Stiles, 1916, VMSM, v. 20 (22), 552.—Walker, 1916, VMSM, v. 20 (22), 554.
- , oil of peppermint:
- (INDIA) Thornhill, 1895, IMG, v. 30, 382.
- , oil of turpentine:
- (GR. BRIT.) Fagge & Pye-Smith, 1902a, 467.
- , patent medicines:
- (FLORIDA) Kinyoun, 1907 (5), 125.
- , Pelletierinum tannicum:
- (DEUTSCHLAND) Leichtenstern, 1885, 525.
- (GR. BRIT.) Nicol, 1912, JTMH, 1-5.
- , percloruro di ferro:
- (CATANIA) Galvagno, 1905, Gs, v. 49-51.
- , podophyllin:
- (DEUTSCHLAND) Neum., 1904a, 171; 1904b, 275; 1904c, 322; 1904d, 351; 1904e, 624; 1904f, 48; 1904g, 880; 1905a, 1060.
- , quassia:
- (BRIT. GUIANA) Barnes, 1916, JTMH, v. 19 (8), 95.
- , santonine:
- (DEUTSCHLAND) Leichtenstern, 1885, 525.
- (LOND.) Sandwith, 1894, L, v. 1, 1366.
- (SWITZ.) Bugnion, 1881c, 382.
- , soda sulphate:
- (PORTO RICO) Gutierrez, Gonzalez & Sein, 1907, 29, 33.
- , "le ténifuge française:"
- (BRUXELLES) Duhourcan, 1904, v. 2, 56-62.
- , thymol:
- (ALABAMA) Toole, 1905, AMJ, v. 18, 9-12.
- (ASSAM) Campbell, 1891, SRPA, 71.—Dobs., 1891, SRPA, 64, 66; 1892, 356; 1893, 2-3, 4; 1893a, 40-41, 43.
- (BRAZIL) Britto, 1895a, 296-302.

Uncinariasis treatment, thymol—Continued.

- (CEYLON) Kynsey, 1893, IMG, 165.—MacDonald, 1887a, 23, 24.
 (DEUTSCHLAND) Fränkel, 1885, 445.—Greisert, 1913, AST, v. 17, 765–782.—Leichtenstern, 1885, 525.—Looss, 1914, HdT, v. 2, 410.
 (FIRENZE) Pieraccini, 1913, R, v. 7, 337–364.
 (GR. BRIT.) Nicol, 1911, JTMH, 52; 1912, 3.
 (INDIA) Giles, 1892h, 195.—Thornhill, 1895, IMG, v. 30, 344.
 (ITALY) Bertarelli, 1914, v. 56 (2), 587–591.—Bozzolo, 1881e, 129–130; 1881f, 1–2; 1881, NTG, v. 17 (21), 322; 1912, L, v. 5, 353–360; 1912, JAMA, v. 58 (23), 1744–1746; 1913, Pens. med., v. 3, 113–117.—Graziadei, 1882b, 821–855.—Leidi, 1913, RcCm, v. 14 (9), 142–144.
 (JAPAN) Nishida, 1910, SIKMJ, v. 29 (6).
 (LOND.) Mans., 1901, 549–550; 1903, 656, 657.—Nattan-Larrier, 1908, JTMH, v. 11 (17), 272.—Sandwith, 1894, L, v. 1, 1365, 1366, 1367.
 (PHILA.) Anders, 1903a, 1251.—Tyson, 1903a, 1194.
 (PORTO RICO) Ashford & King, 1903, AM, v. 6, 432.—Gutierrez, Gonzales, & Sein, 1907, 29, 33.
 (TEXAS) Dunbar, 1906, TJSM, v. 2, 71.—Smith, A. J., 1903, AJMS, 2.
 (U. S. A.) Evans, 1903, JAMA, v. 40, 990.—Johnson, 1905, Car. MJ, v. 53, 792–793.—Washburn, 1917, JAMA, v. 68, 1163.
 (WASH., D. C.) Schultz, 1911, JAMA, v. 57 (14), 1102–1106.
 (WILMINGTON, N. C.) Fechtig & Walker, 1916, TSJM, v. 11, 602.—Grave & Slater, 1915, NOMSJ, v. 68 (10), 629–638.—Stiles, 1913, PHR, v. 28, 119–124.—Stiles & Leonard, 1911, PHR, v. 26 (49), 1925; 1913, 712–717; 1913, PHR, v. 28 (3), 119–124.
 (MISCELLANEOUS) Bondurant, 1903, 298.—Vaz, 1879, 934.
 ———, thymotal:
 (U. S. A.) Pool, 332–333.
 ———, transfusion:
 (ITALY) Bozzolo, 1877a, 1252.
 ———, wanderings of larvæ:
 (BELGIUM) Firket, 1905, BARm (1), 9; 1906, CfB, v. 39 (4–5), 143.—Kemna, 1906, ASRzmB, v. 40, xxxiv–xxxv.—Lambinet, 1905, BARm, v. 19 (12), 762–774; 1906, CPPS, v. 1 (14), 455; 1906, Pm, v. 14 (17), 132.
 (DEUTSCHLAND) Fülleborn & Schilling-Torgau, 1911, AST, v. 15, 569–571; 1911, JLSTM, v. 1 (1), 20–21; 1912, HR, v. 22 (22), 1465–1466.—Schaudinn, 1904s, 1338–1339; 1904t, 1–3; 1904u, 656; 1904v, 750–751; 1904w, 1181; 1904x, 46; 1904y, 230; 1904z, 249; 1904aa, 852–853; 1904bb, 590; 1905d, 377–378; 1905e, 616–617; 1905f, 990.
 (EGYPT) Looss, 1903d, 330–343; 1903e, 345; 1903f, 181; 1903g, 417–418; 1903h, 350; 1903m, 600–603; 1904a, 3; 1904g, 750–751; 1904k, 751–752; 1905e, 225–233.
 UNCINARIINÆ Stiles, 1903k (1), 11 (subf.).
 UNCINNARIA Schmaltz, 1903, 15 Jan., 42 (misprint for Uncinaria).—Stiles & Hass., 1905b, 147.
 UNEINARIA Galli-Val., 1898n, 374 (misprint for Uncinaria).
 UNICINARIA Linst., 1902, in Stiles, 1902y, 778 (misprint for Uncinaria).—Stiles, 1903k (1), 15.—Stiles & Hass., 1905b, 147.
americana (Stiles, 1902) Linst. in Stiles, 1902y, 778.—Stiles, 1903, 19.
 UNGUILLULA Mol., 1857a, 151 (probably for Anguillula).
 URACANTHUS Dies., 1861a, Dec. 6, 728 (mt. *brevispinosus*) [not *Uracantha* Hope, ante 1846, coleopt.; *Uracanthus* Fitzinger, 1865, bird].—Stiles & Hass., 1905b, 147.
brevispinosus Dies., 1861a, 728 (s. *Nematoideum cavitatis abdominis passalicornuti*) (in *Passalurus cornutus*; Leidy, 1852b, 241–243, pl. 11 figs. 42–45).—Linst., 1878a, 302 (in P. c.).
 UROLABEA Eb. [nv.].—Carus, 1863, v. 2, 457–459 (f., contains: *Urolabes*, *Amblyura*, *Phanoglene*, *Enchelidium*, *Oncholaimus*, *Odontobius*, *Enoplus*).

- UROLABES** Carter, 1858a, 414 (mt. palustris); 1859b, 99.—Carus, 1863, v. 2, 459.—Schneid., 1866a, 51 (so. Enoplus).—Stiles & Hass., 1905b, 148.
- barbata* Carter, 1859b, 43-44, pl. 3 fig. 32 (in clots of Oscillatoria in salt water drains; Isl. of Bombay).—Büetsch., 1874b, 272 (Urolabis).
- cirrata* Carter, 1859b, 41-42, pl. 3 fig. 28 (on Glæocapsa, on walls; Isl. of Bombay).—Bast., 1865c, 176-177 (Isl. of Bombay).
- erythrops* Carter, 1859b, 42, pl. 3 fig. 29 (in clots of Oscillatoria in salt water drains; Isl. of Bombay).—Bast., 1865c, 177 (salt water drain; Bombay).
- glæocapsarum* Carter, 1859b, 40-41, pl. 3 fig. 25 (on Glæocapsa, in walls and gutters; Isl. of Bombay).—Bast., 1865c, 175-176 (Isl. of Bombay).
- infrequens* Carter, 1859b, 43, pl. 3 fig. 30 (in clots of Oscillatoria in salt water drains; Isl. of Bombay).—Bast., 1865c, 178 (salt water drain; Bombay).
- labiata* Carter, 1859b, 41, pl. 3 fig. 26 (on Glæocapsa of walls; Isl. of Bombay).—Bast., 1865c, 176 (Isl. of Bombay).
- ocellata* Carter, 1859b, 43, pl. fig. 31 (in clots of Oscillatoria in salt water drain; Isl. of Bombay).
- palustris* Carter, 1858a, 414; 1859b, 33-40, pl. 2 fig. 7 (aquatic, in putrescency; Isl. of Bombay).—Büetsch., 1873a, 19.—Cobbold, 1883y, 561.—Silva Amado, 1873a, 151.
- parasitica* Carter, 1859b, 44, pl. 2 fig. 50 (in periton. cav., Nais albida; Isl. of Bombay).—Bast., 1865c, 177 (in N. a.; Isl. of Bombay).
- tentaculata* Carter, 1859b, 41, pl. 3 fig. 27 (on Glæocapsa in walls and gutters; Isl. of Bombay).—Bast., 1865c, 176 (Isl. of Bombay).
- UROLABIS** Büetsch., 1874b, 272 (for Urolabes).
- VAGANTIA** Perrier, 1897a, 1415 (order of Nematoides, contains: Enchelidiidæ, Rhabditidæ, Calyptonemidæ, Enoplidæ, Phanodermidæ, Lasiomitidæ, Dorylaimidæ, Oncholaimidæ, Eurystomidæ).
- VENA** Gallandat, 1773a, 103-116 (mt. medinensis) ("qui Dracunculus dicitur, sive Vena medinensis").—Stiles & Hass., 1905b, 148.—See Dracunculus.
- dracunculus* Grundler, 1740a, 329 (so. medina).
- medina* Grundler, 1740a, 329 (s. medinensis, dracunculus).
- medinensis* (Linn., 1758) Gallandat, 1773a, 103-116.—Blainv., 1828a, 213.—R. Bl., 1899e, 506 (cf. loa) (in Homo; Santo Domingo).—Blumenb., 1825a, 240 (to Gord.) (in H.).—Braun, 1903a, 260 (to Fil.); 1915a, 304.—Brumpt, 1910a, 464; 1913a, 526.—Cast. & Chalm., 1910a, 417.—Criv., 1845a, 4.—Fuchs, 1781a, 1-40.—Grundler, 1740a, 329 (so. medina).—Huber, 1896a, 593 (so. Dracunculus persarum).—Lam., 1801a, 329 (to G.).—Looss, 1905c, 182 (to D.).—McCan, 1822a, 14.—Nev.-Lem., 1902a, 113; 1908a, 490; 1912a, 781.—Peré, 1774a, 121-132.—Rud., 1810a, 363.—Schneid., 1866a, 3, 11.—Sl. & Sw., 1912a, 355.—Stiles, 1907b, 39, 42.—Velsch, 1674a, 1-456.—Ward, 1895a, 332 (in H.).
- VERMICULUS** Dugl., 1895 a, 1150 (so. Dracunculus). [Cf. Vermiculus Meuschen, 1787; Dalyell, 1853; Vermiculum.]
- capillaris* Dugl., 1895a, 1150 (so. Dracunculus).
- VERMIS** [collective group, no type].
- antilopes* Rud., 1810a, 265 (s. Asc. hirci, Fus. hirci), 363 (in African Bock) (dubius).
- argentinx-sphyrænx* Rud., 1810a, 282 (in Argentina sphyræna; Redi).
- colubri-natrix* Rud., 1810a, 270, 363 (based on Herzog von Holstein-Beck, Naturf. 21, 7, pl. 1 figs. 6-7, in Coluber natrix) (dubius).
- cordis* Reichard, 1759, 4 [nv.].—Rud., 1808a, 56.
- falconis-buteonis* Rud., 1810a, 363, 380 (based on Gæze, 1782a, 85) (dubius).
- falconis-milvi* Rud., 1810a, 363, 378 (based on Gæze, 1782a, 126) (dubius).
- falconis-nisi* Rud., 1810a, 266 (by Redi), 363 (by Gæze) (dubius).
- gadi-morhuæ* Rud., 1810a, 277 (gadorum virentis et morhuæ s. Hydatula gadorum Rathke), 363 (dubius).
- gadi-virentis* Rud., 1810a, 277-278, 363 (gives gadorum virentis et morhuæ) (s. Hydatula gadorum) (dubius).
- gasterostei* Rud., 1810a, 363 (dubius) (for gasterostei-aculeati).
- gasterostei-aculeati* Rud., 1810a, 279-280 (s. Gord. globicola).
- gordii-aquatici* Rud., 1810a, 363 (dubius).

VERMIS—Continued.

- guiniensis* Dugl., 1893a, 1151 (=Fil. medinensis).
lumbrici-terrestis Rud., 1810a, 288–290 (s. Asc. minutissima), 363 (dubius).
medinensis [Linn., 1758] Dies., 1851a, 269 (to Fil.).
murænæ-anguillæ Rud., 1810a, 274, 363 (dubius).
muris-amphibii Rud., 1810a, 262, (by Redi), 363 (dubius).
muris-musculi Rud., 1810a, 262 (by Redi), 363 (dubius).
mustelæ-foinæ Rud., 1810a, 263, 363 (dubius).
mustelæ-martis Rud., 1810a, 263, 363 (dubius).
mustelæ-putorii Rud., 1810a, 263, 363 (dubius).
ovis Rud., 1810a, 265 (Zed., 1800a, 102, pl. 2 fig. 4), 363 (dubius).
rajæ-fullonica Rud., 1810a, 270 (s. Asc. rajæ Müell.), 363 (dubius).
ranæ-pipæ Rud., 1810a, 267, 363 (dubius).
salmonis-lavareti Rud., 1810a, 281 (quotes Fabr., 269), 363 (dubius).
salmonis-salaris Rud., 1810a, 280 (quotes Braun), 363 (dubius).
squali-catuli Rud., 1810a, 272 (in Squalus catulus) (dubius).
vespertilionis Rud., 1810a, 262 (in Vespertilio; Redi).

VIANNAIA Trav., 1914, Bm, 326 (6) (tod. viannai).—Hall, 1916a, 149, 153, 158, 159; 1916b, 519.

- conspicua* Trav., 1914, 326–327 (7) (in Didelphis opossum; Rio de Janeiro).
fariai Trav., 1915, Bm, 388 (3–4) (in Lepus brasiliensis; Brazil).
hamata Trav., 1914, 326 (7–8) (in Didelphis aurita; Rio de Janeiro).
hydrocheri Trav., 1914, 326 (8) (in Hydrocherus capibara; Estado do Rio).—Hall, 1916a, 158 (in Hydrochærus hydrochæris; Brazil).
minuscula Trav., 1915, 388 (4) (in Tamandua tetradactyla; Angra dos Reis, Bazil) [genus given as Vlanina in reprint, p. 4.]
polygyra (Duj., 1845) Hall, 1916a, 153, 158–160 (in Apodemus sylvaticus, Microtus arvalis; France).
pusilla Trav., 1914, 329 (pusilla) (7 pussilla) (in Didelphis aurita; Rio de Jan.).
viannai Trav., 1914, 326 (6–7) (in Didelphis aurita; Rio de Jan.).

VIBRIO Müell., 1773b, 39–49 (type species very doubtful); 1786a, 60.—Bory, 1824n, 773–780.—Moul., 1856a, 121.—Stiles, 1905z, 11.—Stiles & Hass., 1905b, 148–149.

- acerosus* Schrank, 1829 [nv.].—Ehrenb., 1838a, 82 (=Closterium).
aceti Müell., 1783, 162 (anguille du vinaigre Rozier, 1775, pl. 1 fig. 5, etc.); 1786a, 63 (to Anguillula).—Bory, 1824n, 778.—Ehrenb., 1838a, 82 (to A.).
acus Müell., 1786a, 59, pl. 8 figs. 9–10 (in Jossis Castelli Havniensis).—Ehrenb., 1838a, 82 (to Euglena).
agrostis Steinbuch, 1799a, 233 (on Agrostis silvatica; Erlangen).—Ehrenb., 1838a, 82 (to Anguillula).
ambiguus Duj., 1841a, 221–222, p. 1 fig. 7 (sur une infusion de chair; by Duj.).—Dies., 1850a, 19 (so. prolifer).
amblyoxys Ehrenb. [nv.]; 1838a, 83.
anas Müell., 1786a, 72, pl. 10 figs. 3–5 (in aqua marina).—Ehrenb., 1838a, 82 (to Amphileptus).
anguillula Müell., 1773b, 41 (in glutine farinosa et alibi; cf. aceti, fluvialis, and especially glutinis); 1783, Müell. divided anguillula into 4 species, aceti, glutinis, fluvialis, marinus; 1786a, 63–68 (4 vars., aceti, glutinis, fluvialis, marina).—Ehrenb., 1838a, 82 (of Müell., 1786, so. Anguillula fluvialis).—Roffredi, 1775a, 202, 203, 219, 221, 222.
anguillula aceti (Müell., 1783) Bory, 1824n, 778.
anguillula fluvialis Müell., 1786a, 65–66, 68, pl. 9 figs. 5–8 (for fluvialis Müell., 1783, 161).
anguillula glutinis (Müell., 1783) Müell., 1786a, 64–65, 67, pl. 9 figs. 1–4 (in glutine farinoso).
anguillula marina (Müell., 1783) Müell., 1786a, 66–67, 68, pl. 9 figs. 9–11.—Bory, 1824n, 778.

VIBRIO—Continued.

- anser* Müell., 1773b, 46–47 (in aquis, ubi Lemna, hospitatur).—Bory, 1822a (to Amiba).—Ehrenb., 1838a, 82 (to Amphileptus).
- bacillus* Müell., 1773b, 40.—Bory, 1824n, 775–776.—Cohn, 1872, 178.—Oken, 1815a, 36 (to Enchelys).—Stiles, 1905z, 35.
- bipunctatus* Müell., 1786a, 52, pl. 7 fig. 1 (in aqua marina).—Ehrenb., 1838a, 82 (so. *Synedra ulna*).
- coluber* Müell., 1786a, 62–63, pl. 8 figs. 16–18 (in aqua fluviali).—Bory, 1824n, 777.—Ehrenb., 1838a, 82.
- colymbus* Müell., 1773b, 49 (in aquis raro).—Ehrenb., 1838a, 82 (to Amphileptus).
- continuus* Müell., 1786a, 52.—Ehrenb., 1838a, 82 (to *Oscillaria*).
- cygnus* Müell., 1773b, 47 (in aqua stagnante); 1786a.—Ehrenb., 1838a, 82 (to Amphileptus).
- dongalanus* Hempr. & Ehrenb., 1828a, pl. 1 fig. 13 [nv.].—Ehrenb., 1838a, 83 (to *Anguillula*).
- eruca* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to *Enchelys*).
- fulx* Müell., 1773b, 46 (in paludosis Lemna refertis); 1786.—Ehrenb., 1838a, 82 (to *Trachelius*).
- fasciola* Müell., 1773b, 48–49 (in aqua gelu soluta); 1786a, 69–70, pl. 9 figs. 18–20.—Ehrenb., 1838a, 82 (to Amphileptus).
- filaria* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to *Oscillatoria*).
- fluvialis* Müell., 1783, 161–162 (quotes *Vibrio anguillula* pars); 1786a, 65 (fluviatilis, var. of *Anguillula*).—Ehrenb., 1838a, 82 (to *Anguillula*).
- fluviatilis* (Müell., 1786a, 65) Bory 1824n, 777 (quotes *V. anguillula fluviatilis*).
- fusus* Schrank, 1796, 317 [nv.].—Ehrenb., 1838a, 83 (so. *Navicula fulva*).
- geniculatus* Müell., 1786a 52.—Ehrenb., 1838a, 82 (to *Oscillatoria*).
- glutinis* Müell., 1783, 162–163 (quotes *Vibrio anguillula* pars and *Chaos redivivum*).—Bory, 1824n, 780.—Ehrenb., 1838a, 82 (to *Anguillula*).—Sherborn, 1902a, 428.
- gordius* Müell., 1786a, 60, pl. 8 figs. 13–14 (in infuso marino).—Bory, 1824n, 776.—Ehrenb., 1838a, 82 (to *Amblyura*).
- graminis* Dies., 1851a, 132 (apparently for *agrostis* Steinbuch, 1799, 233, pl. 5).
- humana* Knox, 1843a, 805 (so. *Trichina spiralis*).—R. Bl., 1888a, 787 (so. *T. s.*).
- intermedius* Müell., 1786a, 77, pl. 10 figs. 19–20 (s. *Paramæcium fasciola*).—Ehrenb., 1838a, 82 (to *Trachelius*).
- intestinum* Müell., 1773b, 44 (in aquis paludosis).—Ehrenb., 1838a, 82 (to *Enchelys*?).
- lacustris* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (= *Anguillula fluviatilis*).
- lagna* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (so. *Ichthyidium podura*).
- lineola* Müell., 1773b, 39 (in infusione vegetabilia).—"Bory, 1826, 317, pl. 6 fig. 1 (so. *Melanella atoma*)."—Dies., 1850a, 16 (s. *M. a.*, *Bacterium termo*), 17 (of Hempr. & Ehrenb., so. *tremulans*), 621.—Ehrenb., 1830a (1832a), 37 (17) (type of *Lineola*).—Hass., 1859a, 503–504 (development, in urine; *Homo*).—Migula, 1897, 4 (unrecognizable).—Stiles, 1905z, 32.
- linter* Müell., 1786a, 68, pl. 9 figs. 12–14.—Ehrenb., 1838a, 82 (to *Trachelius*).
- lunula* Müell., 1786a, 52, 55, pl. 7 figs. 8–15.—Ehrenb., 1838a, 82 (to *Closterium*).
- malleus* Müell., 1773b, 47–48 (in aquis putei copiose); 1786a, 58, pl. 8 figs. 7–8.—Ehrenb., 1838a, 82 (so. *Cercaria malleus* (*furcata*)).—Moul., 1856a, 168 (so. *Cercaria furcata*).—Nitzsch, 1827, 58, pl. 8 figs. 7–8, 68 (so. *O. f.*).
- marinus* Müell., 1783, 163 [on p. 161 quotes *Prodromus* 281]; 1786a, 66 (var. of *anguillula*).—Ehrenb., 1838a, 82 (to *Enchelidium*).•
- ministerialis* Bory, 1824n, 778 (dans l'eau des truffes).—Ehrenb., 1838a, 83 (? so. *Anguillula glutinis*), 85.
- olor* Müell., 1786a, 75, pl. 10 figs. 12–15 (s. *proteus*) (in aqua palustri).—Ehrenb., 1838a, 82 (so. *Lacrymaria olor*).
- parillifer* Müell., 1786a, 52, 54, pl. 7 figs. 3–7.—Ehrenb., 1838a, 82 (so. *Bacillaria paradoxa*).
- phalaridis* Steinbuch, 1799a, 253–257 (on *Phalaris*).—Ehrenb., 1838a, 82 (to *Anguillula*).

VIBRIO—Continued.

- proliker* Ehrenb., 1831b, 67 (Berl.).—Cohn, 1872, 181 (so. *Spirillum undula*).—Dies., 1850a, 18, 622.—Duj., 1841a, 220.—Migula, 1897, 4 (so. S. u.) (no longer recognizable).
- proteus* (Pall., 1766) Müell., 1773b, 45 [see also *The Proteus Baker*, 1752; *Brachionus proteus* Pall., 1766, 94] (in aqua): 1786a, 75 (so. olor).—Ehrenb., 1838a, 82 (so. *Lacrymaria olor*).—Gmel., 1790a, 3899.
- rugula* Müell., 1786a, 44, pl. 6 fig. 2.—Bory, 1826, 317 (so. *Melanella flexuosa*).—Dies., 1850a, 17–18, 621.—Migula, 1897, 4 (no longer recognizable).
- sagitta* Müell., 1786a, 59–60, pl. 8 figs. 11–12 (in aqua marina).—Ehrenb., 1838a, 82 (to *Euglena*?).
- saturniæ* Dies., 1851a, 136 (to *Anguillula*).
- serpens* Müell., 1786a, 48, pl. 6 figs. 7–8 (in aqua fluviali).—Bory, 1824n, 776–777 (quotes Muell., 48, pl. 6 figs. 7–8).—Ehrenb., 1838a, 82 (to *Spirulina* (*Oscillatoria*)).
- serpentulus* Müell., 1773b, 42 (in infusione vegetabili) (quotes Hill, etc.); 1786a, 61, pl. 8 fig. 15.—Bory, 1824n, 777–778 (quotes Müell., Inf. 61, pl. 8 fig. 15).—Ehrenb., 1838a, 82 (to *Amblyura*).
- spirillum* Müell., 1786a, 49–50, pl. 6 fig. 9 (in infusione *Sonchi arvensis*).—Ehrenb., 1838a, 82 (so. *Spirillum volutans*) [tat. of *Spirillum*].
- strictus* Müell., 1786a, 71, pl. 10 figs. 1–2.—Ehrenb., 1838a, 82 (to *Lacrymaria*).
- subula* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (so. *Euglena acus*).
- tripunctatus* Müell., 1786a, 52, pl. 7 fig. 2 (in Fossa Rosenburgemsi).—Ehrenb., 1838a, 82 (so. *Navicula gracilis*?).
- tritici* Steinbuch, 1799a, 251 (based on Roffredi, 1775a, in 197–225; 1776a, in 369–385).—Aitken, 1866, 845, 880; 1872, 151; 1872, 175.—Bauer, 1823, 1–16, pl. 1 figs. 1–23, pl. 2 figs. 1–2.—Bory, 1824n, 779–780 (quotes Bauer, pl. 8, Gmel., 3900).—Ehrenb., 1838a, 82 (to *Anguillula*).—Ward, 1895a, 320.
- truncatus* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to *Enchelys*?).
- turifer* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to *Cocconema*? (*Navicula*?)).
- undula* Müell., 1773b, 43–44 (in aqua Lemna cooperta).—Bory, 1824n, 776 (quotes Müell., 1786a, 46, pl. 6 figs. 4–6).—Dies., 1851a, 20, 31 (so. *Spirillum volutans*), 220 (to S.).—Ehrenb., 1830a, 58 (to S.); 1838a, 83 (to S.).—Stiles, 1905z, 34.
- utriculus* Müell., 1773b, 48 (in aqua fluviali menses, vasculo stagnante).—Ehrenb., 1838a, 82 (to *Trachelius*).
- vermiculus* Müell., 1773b, 42–43 (in aqua palustri).—Ehrenb., 1838a, 82 (so. *Bursaria intestinalis*).
- verminus* Müell., 1786a, 57, pl. 8 figs. 1–6 (in aqua marina).—Ehrenb., 1838a, 82 (to *Trachelius*?).
- VIGUIERA Seur., 1913, BSHNa, v. 5 (9), 223–225, figs. 1–5 (tod. euryoptera).
- euryoptera* (Rud., 1819) Seur., 1913, 223–225, figs. 1–2 (in *Pies grièches à Tête rouge*; Mascara, Sétif); 1914, CrAS, 1017; 1916, CrSB, 737.
- [*turdi* (Mol., 1860) Seur., [1913], 12.]
- VISCOSIA Man, 1890b, 184–189 (subg. of *Oncholaimus*) (tsd. viscosus).—Stiles & Hass., 1905b, 149.
- glaber* (Bast., 1865) Man, 1890b, 188–189, pl. 5 fig. 9 to O. (V.) (*Penzance, Calvados*).
- langrunensis* Man, 1890b, 186–188, pl. 4 fig. 8 to O. (V.) (*les côtes du Calvados*).
- linstowi* Man, 1904, EAB, 15–16, pl. 3 fig. 5 to O. (V.) (*sur carapace d'un crabe, Eurypodius latreilli; Baie d'Orange, Terre de Feu*).
- viscosus* (Bast., 1865) Man, 1890b, 184–186, fig. 7 to O. (V.) (*Holland, Calvados, de la Manche*).
- VITULUS Aldrovande, 1638, 720 [not *Vitula* Ragonot, 1888, insect].
- aquaticus* Aldrov., 1638 [nv.].—R. Bl., 1897d, 4.—Criv., 1845a, 4.—Fiori, 1881a, 731 (vel seta).—Patruban, 1875, 69.—Pall., 1760, (= *Dracunculus medinensis*).—Rail., 1893a, 563 (to Gord.).—Stiles, 1907c, 55 (in *Homo*; Italy), 57.—Villot, 1874a, 45 (to G.).
- marinus* Velsch, 1674a, pl. 2 (s. *Seta aquatica*).
- VLANNIA Trav., 1915, 4 (of reprint of Bm, p. 388) (apparently misprint for *Vianaia*).

- WARRENIUS Hall, 1916a, 123 (Trichostrongylinae), 142-143 (tod. quadrivittati) [not Warrenia Prout, 1910, insect]; 1916b, 518.
quadrivittati Hall, 1916a, 143-144, figs. 187-191 (in *Eutamias quadrivittatus*; Colo.).
- WELCOMEA Rail. & Henry, 1916, CrSB, 115 (for Welcomia) (type mitchelli) (Oxyuridae).—Hall, 1916a, 225.
mitchelli (Sambon, 1907) Rail. & Henry, 1916, 115.—Hall, 1916a, 225.
- WELCOMIA Sambon, 1907, (42), Mar. 26, 15 (mt. mitchelli); 1907, PZSL, Aug., 282 (mt. mitchelli).—Rail. & Henry, 1916, CrSB, 115 (type mitchelli).
mitchelli Sambon, 1907, 15 (in *Pedetes caffer*); 1907, 282 (in *P. cafer*; Ing.).—Rail. & Henry, 1916, 115.
- Whipworm (English vernacular name for *Trichuris*, *Trichocephalus*).—Cobbold, 1862g, 325-331, figs. 1-2, 1 pl. figs. 1-8; 1883ss, 1768.
— of rat's liver: Bancroft, 1893a, 86-90, pl. 7 figs. 1-3, 7, pl. 8 figs. 4-6.
- WILSONEMA Cobb, 1913, JWAS, v. 3(2), 443 (mt. capitatum).—Petrunkévitch, 1916, 82, fig. 19.
capitatum Cobb, 1913, 443 (in arable soils; U. S. A.).
- Wireworm (English, especially Australian and S. African, vernacular name for various strongyles, especially for *Hæmonchus*) (in U. S. A., wireworm usually refers to larvæ of *Elatерidæ*).
— in donkeys: Gray, 1907, TAJ, v. 6(21), 139-140.
— in ostriches: AJCGH, 1894, 576.—Gould, 1910, AJCGH, v. 37, 317-318.—Hutcheon, 1893q, 425.—Joubert, 1906, v. 28(2), 263-264 (carbolic treatment).
— in sheep: Allen, 1892, 251.—Bastard, HMS., 1905, 645-646 (treatment).—Cook, 1892a, 240 (bluestone).—Crowhurst, 1897d, 598 (sulphate of iron).—Dodd, 1908, QAJ, v. 21(2), 93-96, figs. 1-2.—ESR, 1906, v. 17(11), 1090 (bisulphid of carbon) (quotes J. Bd. Agric., Lond., v. 12, 104-105).—Fincham, 1891a, 207; 1894a, 603 (treatment).—Hellier, 1893, AJCT, v. 6(6), 109 (bluestone).—Hood, 1907 AES, 1-2.—Hutcheon, 1891, AJ, v. 3(15), 133; 1892, AJ, v. 4(20), 240 (bluestone); 1891, AJCT, v. 3(15), 133; 1891c, 179-181 (sulphate of copper); 1891f, 8-9; 1892a, 177-178 (bluestone); 1892d, 233-235 (bluestone); 1892e, 240 (bluestone); 1892f, 22; 1892h, 55-56; 1892n, 141-142; 1892l, 100-102; 1893i, 347-348 (salt); 1893s, 452 (Cooper's dip); 1894b, 39-40 (and in goats); 1895b, 18-19; 1895c, 1-5 (sheep, goats, ostriches); 1895d, 88; 1897d, 125-132 (bluestone); 1899d, 725-732 (treatment); 1904f; 1904g, 293-294 (sheep, goats, ostrich).—Insect Life, Wash., 1892, v. 4(11-12), 404.—Knoblauch, 1893a, 386; 1907, AJCT, v. 31(1), 100-101 (and blue-tongue).—Liebenberg, 1893a, 388.—McDonald, 1913 AJUSA, v. 5(1) 133.—Niland, 1908, AJ, v. 33(5), 552.—Payn, 1900, AJCT, v. 17(6), 369.—Ruehs, 1911 AJUSA v. 1(4), 598.—Simonds, 1893a, 284.—Smith, SC., 1904a, 728 (treatment).—Soga, 1891a, 181.—Stoney, 1897a, 297.—Theiler, 1913 AG, v. 21(3), 107-110, 1 fig.; (4), 138-143 (treatment).—Vincent, 1892a, 151.—Webster, 1908a, 115.—Wienholt, 1906a, 728-729 (treatment).
- WUCHERERIA Silva Araujo, 1877a, 492, 503 (not clear whether this is a new generic name, mt. filaria, or a lapsus for *Filaria wuchereria*).
filaria Silva Araujo, 1877a, 492-504 (in *Homo*, lymph scrotum; Bahia) (cf. *Fil. wuchereria*).—Bourel-Roncière, 1888a, 135.—Stiles, 1907, 36, 43.
- XIPHINEMA Cobb, 1913, JWAS, v. 3(16), 436-437 (mt. americanum).
americanum Cobb, 1913, 436-437 (about roots of corn, grass, citrus trees; Atlantic and Pacific slopes, U. S. A.).
grandis Steiner, 1914, AHP, 427 (Switz.).
- XYO Cobb, 1898a(b), 315(20) (mt. histrix).—Rail. & Henry, 1916, CrSB, 115.
histrix Cobb, 1898a, 315(20), fig. 37.—Johust., 1912, PRSQ, 75 (hystrix, to *Hystrignathus*)—Rail. & Henry, 1916, 115.
- ZONIOLAIMUS Cobb, 1898a(b), 312(17) (tod. [n. g., n. sp.] setifera) [probably published between Apr. 16 and Mar. 1] [see *Cloacina*].—Rail. & Henry, 1913, 507 (so. *Cloacina*).—Stiles & Hass., 1905b, 150 (type setifera).
brevicaudatus Cobb, 1898a(b), 440-441 (48-49), figs. 104-105.
setifera Cobb, 1898a, 312, figs. 30i-v (n. g., n. sp.).

ADDENDA.

Circumstances preclude the publication of the addenda at present.

HYGIENIC LABORATORY BULLETINS OF THE PUBLIC HEALTH SERVICE.

The Hygienic Laboratory was established in New York, at the Marine Hospital on Staten Island, August, 1887. It was transferred to Washington, with quarters in the Butler Building, June 11, 1891, and a new laboratory building, located in Washington, was authorized by act of Congress March 3, 1901.

The following *bulletins* [Bulls. Nos. 1-7, 1900 to 1902, Hyg. Lab., U. S. Mar.-Hosp. Serv., Wash.] have been issued:

No. 2.—Formalin disinfection of baggage without apparatus. By M. J. Rosenau.

No. 43.—The standardization of tetanus antotoxin (an American unit established under authority of the act of July 1, 1902). By M. J. Rosenau and John F. Anderson.

†No. 44.—Report No. 2 on the origin and prevalence of typhoid fever in the District of Columbia, 1907. By M. J. Rosenau, L. L. Lumsden, and Joseph H. Kastle.

No. 45.—Further studies upon anaphylaxis. By M. J. Rosenau and John F. Anderson.

†No. 46.—*Hepatozoon perniciosum* (n. g., n. sp.); a hæmogregarine pathogenic for white rats; with a description of the sexual cycle in the intermediate host, a mite (*Lelaps echidnimus*). By W. W. Miller.

No. 50.—Further studies upon the phenomenon of anaphylaxis. By M. J. Rosenau and John F. Anderson.

No. 52.—Report No. 3 on the origin and prevalence of typhoid fever in the District of Columbia (1908). By M. J. Rosenau, Leslie L. Lumsden, and Joseph H. Kastle.

†No. 53.—The influence of certain drugs upon the toxicity of acetanilide and antipyrine. By Worth Hale.

No. 55.—Quantitative pharmacological studies; adrenalin and adrenalin-like bodies. By W. H. Schultz.

†No. 59.—The oxidases and other oxygen catalysts concerned in biological oxidations. By Joseph Hoeing Kastle.

†No. 61.—Quantitative pharmacological studies; relative physiological activity of some commercial solutions of epinephrin. By W. H. Schultz.

No. 65.—Facts and problems of rabies. By A. M. Stimpson.

†No. 66.—I. The influence of age and temperature on the potency of diphtheria antitoxin. By John F. Anderson. II. An organism (*Pseudomonas protea*) isolated from water, agglutinated by the serum of typhoid-fever patients. By W. H. Frost. III. Some considerations on colorimetry, and a new colorimeter. By Norman Roberts. IV. A gas generator in four forms, for laboratory and technical use. By Norman Roberts.

No. 68.—The bleaching of flour and the effect of nitrites on certain medicinal substances. By Worth Hale.

No. 73.—The effect of a number of derivatives of choline and analogous compounds on the blood pressure. By Reid Hunt and R. de M. Taveau.

†No. 75.—Digest of comments on the Pharmacopœia of the United States of America (eighth decennial revision) and the National Formulary (third edition) for the calendar year ending December 31, 1908. By Murray Galt Motter and Martin I. Wilbert.

†No. 76.—The physiological standardization of ergot. By Charles Wallis Edmunds and Worth Hale.

No. 78.—Report No. 4 on the origin and prevalence of typhoid fever in the District of Columbia (1909). By L. L. Lumsden and John F. Anderson. (Including articles contributed by Thomas B. McClintic and Wade H. Frost.)

No. 81.—Tissue proliferation in plasma medium. By John Sundwall.

†No. 84.—Digest of comments on the Pharmacopœia of the United States of America (eighth decennial revision) and the National Formulary (third edition) for the calendar year ending December 31, 1910. By Murray Galt Motter and Martin I. Wilbert.

†No. 85.—Index-catalogue of medical and veterinary zoology. Subjects: Cestoda and Cestodaria. By Ch. Wardell Stiles and Albert Hassall.

†No. 86. Studies on typhus. By John F. Anderson and Joseph Goldberger.

†No. 87. Digest of comments on the Pharmacopœia of the United States of America (eighth decennial revision) and on the National Formulary (third edition) for the calendar year ending December 31, 1911. By Murray Galt Motter and Martin I. Wilbert.

No. 89. Sewage pollution of interstate and international waters with special reference to the spread of typhoid fever. VI. The Missouri River from Sioux City to its mouth. By Allan J. McLaughlin.

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No. 95.—Laboratory studies on tetanus. By Edward Francis.

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No. 103.—I. Chemical changes in the central nervous system as a result of restricted vegetable diet. By Mathilde L. Koch and Carl Voegtlin. II. Chemical changes in the central nervous system in pellagra. By Mathilde L. Koch and Carl Voegtlin.

No. 104.—Investigation of the pollution and sanitary conditions of the Potomac watershed; with special reference to self-purification and sanitary condition of shell-fish in the lower Potomac River. By Hugh S. Cumming. With plankton studies by W. C. Purdy and hydrographic studies by Homer P. Ritter.

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No. 112. Index Catalogue of Medical and Veterinary Zoology. Subjects: Roundworms (Nematoda, Gordiacea, and Acanthocephali) and the diseases they cause. By Ch. Wardell Stiles and Albert Hassall.

No. 113.—I. An experimental investigation of the toxicity of certain organic arsenic compounds. By Geo. B. Roth. II. On the toxicity of emetine hydrochloride, with special reference to the comparative toxicity of various market preparations. By Gleason C. Lake.

No. 114. Index catalogue of medical and veterinary zoology. Subject: Roundworms. By Ch. Wardell Stiles and Albert Hassall.

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No. 117. Filariasis in southern United States. By Edward Francis.

No. 118. Digest of comments on the Pharmacopœia of the United States of America and on the National Formulary for the calendar year ending December 31, 1916. By A. G. Du Mez.

No. 119. Digest of comments on the Pharmacopœia of the United States of America and on the National Formulary for the calendar year ending December 30, 1916. By A. G. Du Mez.

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of the Rankin farm pellagra producing experimental diet. By M. X. Sullivan and K. K. Jones. III. Biological study of a diet resembling the Rankin farm diet. By M. X. Sullivan. IV. Feeding experiments with the Rankin farm pellagra producing experimental diet. By M. X. Sullivan.

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